NORTH RAILROAD AVENUE PLUME SUPERFUND SITE
ESPAÑOLA, NEW MEXICO
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2022 Operation and Maintenance Report

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List of Acronyms

ARAR	Applicable or Relevant and Appropriate Requirements
BC	Biocurtain
BCE	Biocurtain Extraction
bgs	below ground surface
btoc	Below top of casing
bvcA	BAV1 reductase enzyme
cells/mL	cells (of micro-organisms) per milliliter of water
CGI	combustible gas indicator
CO	carbon monoxide
CO_2	carbon dioxide
COC	contaminant of concern
COPC	contaminant of potential concern
CSM	conceptual site model
cVOCs	chlorinated volatile organic compounds
D&D	Decommissioning and Demolition
DCE	dichloroethene
cDCE	cis-1,2 dichloroethene
tDCE	trans-1,2 dichloroethene
DHC	*Dehalococcoides spp.*
DNA	deoxyribonucleic acid
DNAPL	dense nonaqueous-phase liquid
EPA	U.S. Environmental Protection Agency
ERD	enhanced reductive dechlorination
ETS	enhanced treatment strategy
EVO	emulsified vegetable oil
FS	feasibility study
ft/ft	foot (feet) per foot
gpm	gallons per minute
GWQB	Ground Water Quality Bureau
H_2S	hydrogen sulfide
HSE	hotspot extraction well
HSI	hotspot injection well
lbs	pounds
LEL	Lower Explosive Limit
LTRA	Long Term Response Action
MCL	Maximum Contaminant Level
MDL	method detection limit
µg/m3	micrograms per cubic meter
µg/L	Microgram(s) per liter
mg/L	milligram(s) per liter
µmole/L	Micromole(s) per liter

NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NRAP	North Railroad Avenue Plume
O&F	operational and functional
O&M	Operations and Maintenance
PCE	tetrachloroethene, tetrachloroethylene, perchloroethene
PID	photoionization detector
ppm	parts per million
QA	Quality Assurance
QC	Quality Control
RA	remedial action
RAO	remedial action objectives
ROD	Record of Decision
RI	remedial investigation
RG	remedial goal
SA/HS	Source Area/Hotspot
SDWA	Safe Drinking Water Act
Site	North Railroad Avenue Plume Superfund site
SVE	soil vapor extraction
TCE	trichloroethene, trichloroethylene
tceA	TCE reduction enzyme
TOC	total organic carbon
VC	vinyl chloride
vcrA	vinyl chloride reduction enzyme
VOCs	volatile organic compounds

1 Introduction

This Operation and Maintenance (O&M) Report describes the O&M activities performed during annual groundwater treatment operations at the North Railroad Avenue Plume (NRAP) Superfund Site (the Site), located in Española, New Mexico.

The O&M report covers operational aspects of the enhanced reductive dechlorination (ERD) treatment and groundwater sampling activities for the period from January 2022 through December 2022. This report provides the results and analysis of groundwater sampling and field operations, and technical recommendations to consider for continued O&M. The U. S. Environmental Protection Agency (EPA) transferred financial responsibility to the New Mexico Environment Department (NMED) for future O&M activities following a 10-year, long-term response action (LTRA) for groundwater that ended on June 30, 2019.

The report consists of six sections. This section provides a brief introduction. Section 2.0 provides Site background information including a description of the Site, remedial action objectives and goals, and the remedial actions implemented at the Site. Section 3.0 describes the system operations and field sampling activities that occurred during the reporting period. Section 4.0 provides quality assurance information. Section 5.0 provides the results of sample analyses and an interpretation of those results. Section 6.0 provides conclusions and recommendations.

2 Site Description and Background

The Site is located in the downtown area of the City of Española, Rio Arriba County, New Mexico and was listed on the U.S. EPA's National Priorities List (#NMD986670156) in January 1999. The Remedial Investigation/Feasibility Study (RI/FS) was completed in January 2001, a Record of Decision (ROD) was issued in September 2001, and construction of the remedy began in July 2005 and was completed in June 2008.

The Site historically consisted of an approximately 58-acre, 260-foot-deep groundwater plume that extended approximately 0.75 miles south/southeast from the former Norge Town Dry Cleaners and Laundromat facility (Norge Town facility) located at 113 North Railroad Avenue. Site contaminated groundwater lies beneath the City of Española and Santa Clara Pueblo trust lands in the alluvial fill and Santa Fe Group aquifer, which is the sole-source drinking water aquifer for the City of Española, the Santa Clara Pueblo and nearby rural populations (Figure 1 and Figure 5).

Groundwater contamination was first discovered in 1989 when tetrachloroethene (PCE) and one of its degradation by-products, trichloroethene (TCE) were detected in two municipal drinking water supply wells for the City of Española. The wells were taken off-line and have been removed from the city's drinking water supply system since the discovery. A series of investigations conducted by the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) between 1990 and 1998 concluded that the former Norge Town facility, which operated from 1970 to 2007, was the likely source of PCE and TCE contamination. The primary contaminants of concern associated with the Site are PCE and its degradation products: TCE, cis-1,2 dichloroethene (cDCE), trans-1,2 dichloroethene (tDCE), and vinyl chloride (VC).

2.1 Site Hydrogeology

The aquifer system is defined by shallow and deep aquifer units. The shallow aquifer comprises a high-permeability sand/gravel/cobble unit extending from near surface to approximately 20 feet below ground surface (bgs) and a five- to seven-foot-thick interbedded fine-grained sand and sandy clay layer from approximately 20 to 27 feet bgs. Beneath the shallow aquifer is a 20 to 40-foot-thick clay layer that is mostly contiguous across the Site which separates the shallow and deep aquifer units. The deep zone has been divided into four hydrostratigraphic units (HSUs; intermediate – I1 and I2, and deep – D1 and D2) based on the stratigraphy and contaminant occurrence. The intermediate zone contamination occurs in 10- to 20-foot-thick fine-grained sands between depths of approximately 50 to 70 feet bgs (I1 zone) and 80 to 100 feet bgs (I2 zone). The deep zone contamination occurs in 10- to 20-foot-thick fine-grained sands between depths of approximately 155 to 200 feet bgs (D1 zone) and 225 to 265 feet bgs (D2 zone). The vertical extent of contamination within the deep aquifer, identified as the D3 zone, is defined by a single non-contaminated well, R-09(D3), which is screened from 340 to 360 feet bgs. Site hydrogeology is explained in further detail in the most recent updated conceptual site model (CSM; INTERA, December 2021).

2.2 Remedial Action Objectives and Remedial Goals

The remedial action objectives (RAOs) and remedial goals (RGs) presented in the 2001 ROD were established after considering all Federal, State, and Tribal Applicable or Relevant and Appropriate Requirements (ARARs). As stated in the ROD, the RAOs include:

- Prevent human ingestion, inhalation, or dermal contact of groundwater containing Site-related Contaminants of Concern (COCs) at concentrations that exceed their corresponding non-zero Maximum Contaminant Level Goals (MCLGs) or Maximum Contaminant Levels (MCLs) where their corresponding MCLGs are zero as established under the Safe Drinking Water Act (SDWA).

- Restore the groundwater at the Site such that concentrations of COCs and Contaminants of Potential Concern (COPCs) are less than the MCLs.

- Prevent residual-phase PCE, dense non-aqueous phase liquid (DNAPL), from causing concentrations of COCs in groundwater to exceed their MCLs.

- Prevent the transport of COCs from groundwater to surface water at concentrations that may exceed the ARARs in the receiving surface water body.

- Prevent the degradation of surface water by ensuring that the concentrations of groundwater COCs and COPCs comply with applicable surface water standards.

The RGs for the COCs and COPCs in groundwater are based on the more restrictive of the EPA's MCLs or the New Mexico Water Quality Control Commission (NMWQCC) regulation standards for vinyl chloride (VC), 1,1-dichloroethene (1,1-DCE) and manganese.

The surface water RGs are based on the Water Quality Code of the Pueblo of Santa Clara as listed in the following table:

COC/COPC	Groundwater (µg/L)	Surface water (µg/L)
PCE	5.0	5.0
TCE	5.0	5.0
cDCE*	70	70
tDCE*	100	100
VC*	2.0	2.0
1,1-DCE*	7.0	7.0
manganese*	200	50

Note - * constituents not listed as COCs in the ROD
µg/L = micrograms per liter

2.3 Remedy Implementation

The remedy for the Site consists of four Remedial Action (RA) systems (Source Area, Hotspot, Biocurtain, and Deep Zone) for treatment of the residual adsorbed DNAPL at the Source Area and the shallow and deep zone dissolved phase groundwater plumes. Figure 1 shows the project location, site area, and locations of the treatment systems.

Each of the remediation systems are briefly described below:

- The Source Area treatment system is designed to address adsorbed DNAPL and dissolved-phase contamination in the approximately 1,600 square foot area at the dry cleaner release area. Pursuant to changes to the ROD (EPA, 2001) outlined in the Explanation of Significant Differences (EPA, 2008), the Source Area treatment system was converted from a surfactant enhanced recovery system (surfactant flush) to an enhanced in-situ bioremediation or ERD treatment system. The 2008 Source Area ERD system consisted of multiple injection, extraction, and monitoring wells. The system controls, amendment delivery system, piping manifold, and associated instrumentation for the Source Area were shared with the Hotspot system and located in a small building referred to as the Hotspot treatment building, located east of the Norge Town facility. Decommissioning and Demolition (D&D) of Source Area injection and extraction wells that were part of the 2008 ERD system and associated infrastructure was completed between November 2019 and November 2020. The Source Area treatment system currently consists of three injection wells (SAI-8, SAI-9, and SAI-10) that were installed in March 2020 and positioned to address residual Source Area contamination. These wells were installed with directional injection enhancements to better enable distribution of treatment amendments. Figure 2 depicts the locations of current and former Source Area injection, extraction, and monitoring wells.

- The Hotspot treatment system was an ERD recirculation system designed to address the dissolved-phase plume between the Source Area and Hunter Street and encompassed an area of approximately 56,000 square feet. Final substrate injections at the Hotspot area were completed in September 2017. Additional Hotspot remediation is not anticipated to be necessary and, as a result, D&D of all Hotspot injection wells, extraction wells and associated remediation infrastructure was completed between November 2019 and November 2020.

- The Biocurtain treatment system had an ERD recirculation system designed to address the dissolved-phase shallow aquifer plume near the former midpoint of the shallow plume approximately 1,500 feet southeast of the Source Area and Hotspot (SA/HS) systems. Final substrate injections at the Biocurtain were completed between December 2012 and April 2013. Additional Biocurtain injections are not anticipated to be necessary and, as a result, D&D of all Biocurtain injection wells, extraction wells, and associated remediation infrastructure was completed between November 2019 and November 2020. The remaining Biocurtain monitoring wells and historical injection/extraction well locations are depicted on Figure 3.

- The Deep Zone ERD injection wells are individual wells intended to address the contamination present in the deeper aquifer zones. The shallowest wells (I1 wells) have screen sections that span 45-75 feet bgs with the I2 zone wells screened between 80 to 100 feet bgs, whereas the deeper wells, D1 and D2, are screened between intervals from 155-200 feet and 225-265 feet bgs respectively. The Deep Zone remediation system consists of five 4-inch diameter, four 3-inch diameter, and six 2-inch diameter injection wells. The wells are mostly situated in or near the Plaza de Española with one to the south, two to the southeast, and one to the northeast. The Deep Zone does not have a constructed amendment delivery system (i.e., piping, controls, etc.). Substrate amendment delivery for the Deep Zone is performed at the individual wellhead using a water truck and portable metering pump and mixing equipment (Figure 4).

The Site has been undergoing ERD treatment since the field pilot test was conducted at the SA/HS treatment areas in June 2007. The field pilot test was conducted at four separate test cells using four different electron donor substrates – ethyl lactate, dairy whey, emulsified vegetable oil (EVO) and EVO plus hydrogen gas infusion. Based on the pilot test results, EVO plus a nutrient mixture was selected for full-scale operations. Full-scale operation of the four treatment systems (Source Area, Hotspot, Biocurtain, and Deep Zone) began in April 2008. To date, there have been six rounds of electron donor substrate injections completed in the Hotspot area, eight rounds at the Source Area, seven rounds at the Deep Zone, and nine rounds of injections completed at the Biocurtain.

ERD treatment to date in the Deep Zone has been limited to substrate injections at individual wells located at the Plaza de Española and R-15(D1) and R-09(D1) wells. Deep zone treatment began in April 2008 with EVO substrate injections to wells R-09(D1), R-15(D1), R-21(D2), DI-2(D1) and DI-2(D2) and intermediate wells DI-1(I1) and DI-2(I1). Additional injections were completed in October 2008 and August 2009. The October 2010 injection included the addition of wells DI-1(D1) and DI-1(D2) to the injection program and the elimination of the two intermediate wells. Substrate injections at the intermediate wells were terminated due to the low contaminant concentrations within this area. The last injection of EVO substrate in the Deep Zone occurred in November 2012.

In March 2020, alternative ERD/remediation amendments were injected in the Source Area and the Deep Zone as a pilot test of an enhanced treatment strategy (ETS) to address the Deep Zone and residual contamination in the Source Area. Continued ETS testing with alternative ERD/remediation amendments continued in February 2021 with injections in the Deep Zone at R-01(I1), R-09(D1), R-09(D2), and DI-2(D1). ETS activities are discussed further in Section 3.1. No amendments were injected in 2022.

3 Field Activities

This section provides a review of all O&M field activities that were conducted during the calendar year of 2022. The fourteen years include thirteen years of groundwater treatment operations and one year for the Operational and Functional (O&F) determination.

3.1 Treatment System Operations

In early 2020, NMED's contractor, INTERA Inc., started conducting pilot testing of an ETS to augment previous groundwater remedial actions and installed new monitoring wells to complete delineation of the Intermediate and Deep Zone plumes. The pilot test injections in the Source Area were designed to evaluate the effectiveness of directional injection enhancements (DIEs) in the three new injection wells to enable better distribution of treatment amendments within fine-grained lithologies. The Source Area and Deep Zone injections were also designed to evaluate alternative amendments supplied by REGENESIS Remediation Services (RRS): the amendments 3-D Microemulsion (3DME®), a patented molecular structure containing oleic acids bound to lactates/polylactates, and sulfidated micro-scale zero-valent iron (S-MicroZVI™) were selected for testing via DIEs in the Source Area, while 3DME® and Chemical Reducing Solution (CRS®), a solution of ferrous gluconate, were selected in 2020 for testing in four existing Deep Zone injection wells (DI-1 (D1), DI-2 (D1), DI-1 (D2) and DI-2 (D2)) located at the Plaza de Española. Between February 23 and February 26, 2021, alternative amendment injections of 3DME® and CRS were completed at wells R-09 (I1), R-09 (I2), R-09 (D1), R-09 (D2), and DI-2 (D1) on the Plaza de Española. No amendment injections took place in 2022.

Three wells (R-34 (I1, I2, and D2)) were drilled and installed along Calle Chavez in 2021 immediately downgradient of the R-09 well cluster to monitor the effects of the amendment injections at R-09 well cluster. R-34 (D2) was drilled between March 16 and 24, 2021, and wells R-34 (I1) and R-34 (I2) were drilled between December 6 and 11, 2021. In November 2022, two deep injection wells (R-35 (D1) and R-35 (D2)) were drilled to the northeast of the plaza and will receive amendment injections in 2023. For more information on the drilled 2022 deep injection wells (R-35 (D1) and R-35 (D2)) see *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

The effects of the DIEs and alternative treatment amendments in the pilot test areas will be evaluated based on continued groundwater monitoring. Additional details of this work are provided in a separate report titled *Final Report for the Enhanced Treatment Strategy Pilot Test and Monitoring Well Installations at the North Railroad Avenue Plume Superfund Site* (INTERA, December 2020).

Biogenic Gas Monitoring and Soil Vapor Extraction (SVE) Operations

The action levels established for operation of the SVE system include a greater than 10% LEL measurement in the well vaults or greater than 20% methane measurement in the SVE drive points. However, because there were no exceedances of methane during the September 2016 monitoring

event and a limited exceedance at the one well vault (HSI-19) during the 2017 monitoring event, the SVE system has remained off since and was decommissioned in 2020.

NMED's contractor, INTERA, Inc., completed the biogenic gas monitoring for explosive vapors and methane in 2022 at ETS-related locations in the SA (five monitoring wells, SAI-9, and the SAI-4 drive point) and DZ (DI-1 (D1), DI-1 (D2), DI-2 (D2), M-20 (D2), R-09 Well Cluster, and R-35 Well Cluster). A larger monitoring effort was made for both health and safety reasons and to evaluate subsurface conditions developing in response to the ETS or at wells considered as future targets for treatment.

A photoionization detector (PID) equipped with a 10.6 eV lamp to detect VOCs and combustible gas indicator (CGI) instruments with multiple sensors which detect hydrogen sulfide (H_2S), carbon monoxide (CO), methane, and oxygen. The RKI Eagle 2 model CGI also had a carbon dioxide (CO_2) sensor useful for observing evidence of biodegradation of carbon substrate and accounting for displacement of oxygen.

Levels of biogenic gases (methane hydrogen sulfide, carbon monoxide, and carbon dioxide) observed in wells after groundwater treatment events pose potential toxic or physical risks to workers when affected wells are uncapped. Methane is commonly generated at wells treated with carbon substrates (EVO or 3DME®), hydrogen sulfide is sometimes present at treated wells, and carbon monoxide has been measured at some wells treated with carbon substrate plus S-MicroZVI™. The site geology and well caps appear to be effective in preventing risks to the public from biogenic gases, and risks to workers are expected to attenuate over time as treatment amendments are consumed. In the meantime, precautions such as securing wells to avoid disturbance by the public and screening for gases before work activities should continue. For further explanation and results of the 2023 biogenic gas monitoring see *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

3.2 Air Sampling

NMED collected 8-hour indoor air samples at two buildings (the former El Centro Family Health Center Annex building and the former Norge Town Dry Cleaner building) and 24-hour indoor air samples at one building (the Las Cumbres Community Services (LCCS) building) around the SA/HS area in March 2022. One outdoor air sample was collected at the former Norge Town Dry Cleaner building and one outdoor air sample in the playground of the LCCS building was collected as well. In addition, one sub-slab soil vapor location in the LCCS building was collected. The air samples were collected in certified, pre-cleaned 6-liter Summa canisters equipped with 8-hour or 24-hour sample regulators and analyzed for target chlorinated Volatile Organic Compounds (cVOCs) by EPA Method TO-15 Low Level (LL). The sub-slab soil gas samples were collected in certified, pre-cleaned 1-liter Summa canisters equipped with 5-minute sample regulators. Analysis of the samples was performed by Eurofins TestAmerica in Knoxville, Tennessee. The air sampling results are discussed in Section 4.0.

3.3 Groundwater Monitoring

NMED performed one round of groundwater monitoring as part of the O&M monitoring program during this reporting period. The groundwater monitoring was completed in November 2022. The performance monitoring portion of the groundwater monitoring conducted by NMED's contractor, INTERA, was also completed in November 2022. The groundwater sampling was conducted in accordance with the *Sampling and Analysis Plan, Groundwater Sampling, North Railroad Avenue Plume* (NMED, November 2022), the NMED GWQB Superfund Oversight Section's *Quality Assurance Project Plan* (NMED, March 2022), and the NMED *Groundwater Sampling, Superfund Oversight Section, Standard Operating Procedure* (NMED, April 2022). The groundwater monitoring program was initiated in February 2006 as part of the site wide monitoring requirements outlined in the ROD. The analytical results are used to evaluate concentrations of cVOCs and dissolved metals and monitor remediation progress across the Site.

The November 2022 sampling event included water level measurements from all Site monitoring wells except for monitoring wells that were inaccessible or unsuitable for measurement during the water level measurement event, including BC-5, BC-6, BC-7S, BC-7D, RDP-01, RDP-02, RDP-03, RDP-04, DI-1(D1), DI-2(D2), DI-2(D1), DI-2(D2), EX-16, M-21, R-01(L2), R-05(S2), R-06(S1), R-06(S2), R-07(S2), R-09(I2), R-12(I2), R-14(S2), and R-16(S2). Groundwater samples were collected for laboratory analysis from a total of 74 remediation/monitoring wells and Flexible Liner Underground Technology (FLUTe) well sampling ports.

All wells were sampled and analyzed for the Site COCs. In addition, a subset of 18 wells were sampled and analyzed for dissolved metals, particularly arsenic, iron, and manganese to monitor geochemical changes that have occurred in association with the ERD treatment. An additional subset of 13 wells were sampled and analyzed for one or more of total organic carbon (TOC), dissolved gases and/or microbial analysis to measure ERD performance. Section 4 of this report evaluates the data collected and presents comparisons to the historical data collected during previous sampling events dating back to 1999. Figure 5 shows the monitoring well locations and historic plume boundaries as identified in the *Remedial Investigation Report, North Railroad Avenue Plume Superfund Site, Española, New Mexico* (RI Report) (DES, January 2001).

Field activities were completed by NMED and INTERA working in two or three-person teams. Field activities were conducted between November 1 - 16, 2022 as described in the following subsections. Table 1 provides well completion information, sampling methods, and the specific wells included in the LTRA monitoring program. Table 2 provides groundwater elevation data. Table 3 provides a summary of current and historical analytical results for PCE, TCE, cDCE, tDCE and VC from Site monitoring wells. Table 4 provides a summary of current and historical analytical results for wells monitored as part of the ERD treatment systems performance and includes wells within the four treatment areas that are not part of the Site-wide LTRA groundwater monitoring program. Table 5 provides a summary of current and historical analytical results for dissolved metals (specifically arsenic, manganese and iron). Appendix A contains the laboratory analytical results. The analytical results are arranged by the date samples were collected. Well purge and groundwater sampling forms are provided in Appendix B.

3.3.1 Groundwater Gauging and Elevation Data

NMED recorded water level measurements from a total of 69 shallow, intermediate, and deep screened monitoring wells located throughout the NRAP Site from October 31 to November 1, 2022; 37 wells were not measured for water levels. The water levels were used to develop potentiometric surface contour maps for each of the aquifer zones. Groundwater elevations are summarized in Table 2 and potentiometric surface contour maps for the various aquifers zones are provided in Figure 6 through Figure 10.

3.3.2 Groundwater Sampling Activities

Groundwater sampling activities were conducted between November 1 - 16, 2022 by NMED and/or NMED's site contractor, INTERA Inc. Samples were collected from 74 wells for analysis of volatile organic compounds (VOCs) by EPA Method 8260. Twenty (20) wells were sampled for dissolved metals by EPA Method 6020B. Selected wells were sampled for Total Organic Carbon (TOC) by EPA Method 9060, dissolved gases (ethane, ethene, methane) by EPA Method RSK 175, and microbial deoxyribonucleic acid (DNA) by DNA analysis (dehalococcoides (DHC) and functional genes). In addition, 26 field quality control (QC) samples were collected (i.e., field duplicates, field blanks, trip blanks, and equipment rinsate samples). Laboratory QC samples (i.e. matrix spike/matrix spike duplicate) for dissolved metals analysis and VOCs were performed by the laboratory. Samples for VOCs and dissolved metals were submitted to Eurofins TestAmerica, Knoxville, Tennessee for analysis. Additional VOC, dissolved metals, and TOC analyses were performed by Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. Dissolved gases were analyzed by Pace Analytical in Mount Juliet, Tennessee and the microbial analysis and compound-specific isotope analysis was performed by Microbial Insights in Knoxville, Tennessee. Laboratory analytical results are provided in Appendix A.

At most wells, a passive sampling system, HYDRASleeve™, was used in the November 2022 groundwater sampling event to evaluate its effectiveness. At eight wells, a comparison sample was collected using low-flow purge/sampling methods. Since HydraSleeve samplers are a no-purge sampler, field parameters (pH, conductivity, temperature, Dissolved Oxyegn (DO), Oxidation-Reduction Potential (ORP)) were not recorded during sampling. HydraSleeves streamline the sampling process and minimize the need for contaminated purge-water treatment.

At locations were HydraSleeves were not used or where there was a comparison groundwater sample collected, several other sampling methods were used to collect the samples based on the depth of the well and volume of purge water required to obtain representative samples. In general, the 2-inch shallow wells with completions less than 30 feet bgs were sampled using peristaltic pumps with dedicated tubing or were hand bailed using new clean or well-dedicated disposable bailers (R-27(S2)) and remediation drive point wells (RDP-1, RDP-2, RDP-3)). Four-inch shallow wells were sampled using battery operated submersible pumps with dedicated tubing. The intermediate depth wells to depths of 100 feet bgs were sampled using either peristaltic or submersible pumps with dedicated tubing. Wells greater than 100 feet bgs were sampled using submersible pumps with either dedicated tubing or pump-equipped tubing (requiring decontamination). Each well was purged by removing three well casing/screen section volumes of water or until field parameters (pH, conductivity, and temperature) stabilized (+/- 0.10 for pH, +/- 3% for conductivity and +/- 1 °C for temperature) prior to sample collection. Well purge volumes

were calculated using one casing volume for the entire water column plus two casing volumes of the well's screened interval. Well purge volumes and collection methods are provided in Table 1 and individual well purge/sample collection information is provided in Appendix B. Low flow sampling methods were used on wells purged with the peristaltic pumps. For the deeper wells with high purge volumes, the flow rates were kept below 1.5 gallons per minute (gpm).
The VOC water samples were collected in 40 milliliter septum vials and preserved with hydrochloric acid to a pH of less than 2. The dissolved metals were field filtered using a 0.45-micron filter and collected in 250-milliliter polyethylene bottles preserved with nitric acid to a pH of less than 2.

The purge water from wells with low concentrations was discharged on the ground surface away from the wellhead. Purge water from wells with historical concentrations of site COCs greater than MCLs were run through a granulated activated carbon drum prior to discharge on the ground surface.

4 Quality Assurance (QA)

The following is a discussion of NMED's QA procedures implemented during the November 2022 sampling event. QA procedures implemented during Intera's November 2022 sampling event are described in Intera's summary report, *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

NMED QA procedures included calibration of field water quality parameter meters in accordance with manufacture's recommendation and standard operating procedures (in accordance with the Site's 2022 Sampling and Analysis Plan), collection of duplicate samples, equipment rinsate samples, field blanks, and the inclusion of trip blanks and temperature blanks in coolers containing VOC samples. All QA samples were submitted for laboratory analysis by EPA Method 8260 for VOCs and by EPA Method 6020B for dissolved metals. Laboratory analysis was performed by Eurofins TestAmerica, Knoxville, Tennessee. Laboratory analytical results are provided in Appendix A.

A total of 78 groundwater samples were analyzed for VOCs and 21 samples were analyzed for dissolved metals (arsenic, iron, and manganese). VOC samples were received in good condition, within holding times, and within the acceptable temperature range of 4 ± 2°C for VOCs. However, the coolers' temperatures for the metal samples ranged from 16.4 – 17.2 °C, and all metal samples were received at the laboratory outside the required temperature criteria.

Field duplicate samples were collected to verify the laboratories' ability to replicate sample results. Eight VOC and three dissolved metals duplicate samples (approximately 10% of total samples) were collected during the November 2022 sampling event. VOC and dissolved metals duplicate sample locations and results are listed in Table 3, Table 4, and Table 5.

Comparison samples were collected at eight wells to evaluate the effectiveness and accuracy of the Hydrasleeve passive sampling system. The primary samples were collected using low-flow pumps while the duplicate samples were collected using Hydrasleeves. The samples collected with

HydraSleeves were called duplicate samples instead of comparison samples. Four sample pairs (R-29A(D1), M-09, R-34(D2), and SMW-3D) exceeded the acceptable range of ± 10% Relative Percent Difference (RPD) for VOCs. The four other sample pairs for VOCs (M-15, BC-6, R-25, and R-08) did not have site COC VOCs above the 10% RPD. Only the R-29A(D1) sample pair had iron and arsenic above the acceptable range of ± 10% RPD (See table below).

Low Flow and Hydrasleeve VOC and Metals Comparison Samples Near Injection Areas				
Well ID	Analyte	Low Flow Sample Result (µg/L)	Hydrasleeve Sample Result (µg/L)	Relative Percent Difference (%)
R-29A (D1)	PCE	110 E	7.2	87.71
	TCE	13	31	40.91
	cDCE	6.9	32	64.52
	tDCE	10	25	42.86
	VC	0.82	0.82	--
	Iron	1.3	0.1 J	85.71
	Arsenic	0.36 J	0.27 J	14.29
	Manganese	48	48	0.00
M-09	PCE	3.5	<0.48	27.27
	TCE	9.7	1.3 J	76.36
	cDCE	21	<0.62	82.61
	tDCE	1.9 J	1.2 J	22.58
	VC	2.8 J	<0.82	28.21
R-34(D2)	PCE	20	9.9	33.78
	TCE	6.8	3	38.78
	cDCE	<0.62	<0.62	--
	tDCE	<0.52	<0.52	--
	VC	<0.82	<0.82	--
SMW-3D	PCE	1200 D	0.62 J	99.90
	TCE	860 D	69	85.15
	cDCE	6300 D	1400 E	63.64
	tDCE	200 D	80	42.86
	VC	3700 *+	1400 D	45.10
Qualifiers: E – Results exceeded calibration range. J – Result is less than reporting limit but greater than or equal to the MDL and the concentration is an approximate value. D – Sample results are obtained from a dilution; the surrogate or matrix sike recoveries reported are calculated from diluted samples. *+ LCS and/or is outside acceptance limits, high biased.				

R-29A(D1), M-09, R-34 (D2), and SMW-3D are monitoring wells near injection wells while M-15, BC-6, R-25, and R-08 are farther away from injection wells. Low-flow VOC sample results are higher than Hydrasleeve sample results for most VOCs at most of the comparison wells. In the 2023 field sampling event, both comparison and field duplicate samples will be assessed to reevaluate the difference in VOC and metal concentrations between low-flow pumping and Hydrasleeves in selected monitoring wells near injection wells.

Four equipment rinsate samples were collected during this sampling event. The rinsate samples were collected from the non-dedicated sampling pumps after decontamination of the pumps to verify the effectiveness of the decontamination procedures. Site COCs were not detected in the four equipment rinsate samples. However, EB-01 and EB-02 had estimated concentrations of chloroform. EB-03 had estimated concentrations of dichlorobromomethane and iodomethane and chloroform detected at 4.0 µg/L. EB-04 had an estimated concentration of dichlorobromomethane and detections of chloroform (4.3 µg/L) and chlorodibromomethane (0.65 µg/L). These VOCs are not considered COCs for the site.

One field blank was collected during this sampling event for VOC analysis. Field blanks are used to determine if COCs or other method analytes are present in the sampling environment. Acetone was detected at 16 J µg/L in the field blank sample. However, this constituent is not considered a COCs for the site. Site COCs were not detected in the field blank.

All shipped coolers containing VOC samples contained a trip blank for VOC analysis. The trip blanks were provided by the analytical laboratory (Eurofins TestAmerica). A total of seven trip blanks were submitted for VOC analyses. Iodomethane was detected in TB-02, TB-04 TB-05, and TB-06 with the result less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL). TB-04 had an estimated concentration of chloromethane (0.95 J µg/L) and TB-06 had an estimated concentration of acetone (10 J µg/L). Chloromethane, idomethane, and acetone are not considered Site COCs. No Site COCs were detected in the trip blanks.

SMW-3D for EPA method 8260B was diluted to bring the concentration of target analytes within the calibration range of laboratory equipment, and as such, elevated MDLs and RLs were provided for these sample results. The following samples were diluted to bring the concentration of manganese within the calibration range and elevated RLs were provided for BC-6, BC-5, EWMW-2, EX-13, R-04_S2, R-05, R-24, R-25, and R-925.

5 Evaluation of Results

5.1 Groundwater Flow and Elevation Data

The water level data collected in October 2022 were used to develop potentiometric contour maps and determine groundwater flow directions for the shallow, intermediate, and deep zone aquifers (Figure 6 through Figure 10). Depth to groundwater in the shallow aquifer ranged from 6.63 to 12.39 feet below top of casing (btoc), an average of 0.27 feet lower than the previous monitoring event. Depth to water in the intermediate zone ranged from 6.75 to 30.97 feet btoc, an average of 0.42 feet lower than the previous monitoring event.

Depth to water in the deep zone ranged from 28.98 to 41.61 feet btoc, an average of 3.09 feet lower than the previous monitoring event. The deep zone aquifer had a decreasing trend from May 2010 through August 2014, an overall increase from 2015 to 2019, and a decrease from 2019 to 2022. Consistent with previous groundwater measurements, groundwater elevations are lower in the

deeper screened wells indicating a vertical downward gradient between the shallow aquifer and deeper aquifer. Groundwater elevations are summarized in Table 2.

The groundwater flow direction within each aquifer zone has remained relatively unchanged from the May 2021 event. Water level data for specific wells that deviated from the normal elevations and trends were excluded in developing the potentiometric maps for each aquifer zone (as noted in the map/figure legends). Based on the most recent updated CSM completed by INTERA in 2021, deviations in groundwater elevations may be due to north-south staked sand boundaries (INTERA, 2021). These stacked sand boundaries are depicted on Figure 7 through Figure 9.

The groundwater flow direction in the shallow aquifer is to the south/southeast with a gradient of approximately 0.0016 feet per foot (ft/ft). The groundwater flow for the shallow aquifer developed for this report excludes the R-25 water level data. Water level data was not measured in the following wells - BC-6, R-03, R-05, R-06, R-14, R-16, RDP-01, RDP-02, RDP-03, and PASMW-01, PASMW-02, and PASMW-03.

The groundwater flow direction in the intermediate aquifer (I1 zone) is to the southeast at a gradient of approximately 0.0020 ft/ft. The groundwater flow for the I1 zone developed for this report excludes the R-10 and R-12 water level data; R-03 and R-29's water level was not measured.

The groundwater flow direction in the intermediate aquifer (I2 zone) is to the southeast at a gradient of approximately 0.0014 ft/ft. The groundwater flow for the I2 zone developed for this report excludes R-10. Water level data was not measured for R-01, R-03, R-29, and R-30.

The groundwater flow direction in the D1 zone is to the south/southeast at a gradient of approximately 0.0031 ft/ft. The groundwater flow for the D1 zone developed for this report excludes the M-15, R-17, R-18 and R-19 water level data; R-30's was not measured.

The groundwater flow direction in the D2 zone is to the south/southeast at a gradient of approximately 0.0048 ft/ft. The groundwater flow for the D2 zone developed for this report excludes the R-10, , R-20, and R-32 water level data. Water level data was not measured in R-29 and R-30.

5.2 Groundwater Analytical Data

5.2.1 Shallow Aquifer (S1 and S2 wells)

Twenty-four shallow aquifer wells (S1 and S2 zones) were sampled in November 2022. Based on comparison of historical data (Figure 5) and the November 2022 results (Figure 11), the shallow aquifer plume is not expanding. Overall, the areal extent of the shallow plume has been reduced to an area of less than a half-acre at the Source Area. Reduction has occurred particularly in the northern third of the plume where concentrations within the shallow plume have decreased significantly since the ERD treatment began in April 2008. The shallow aquifer plume is undergoing active biodegradation through ERD within and downgradient of both the SA/HS and Biocurtain treatment systems. Shallow aquifer sampling and analysis is discussed in the following subsections.

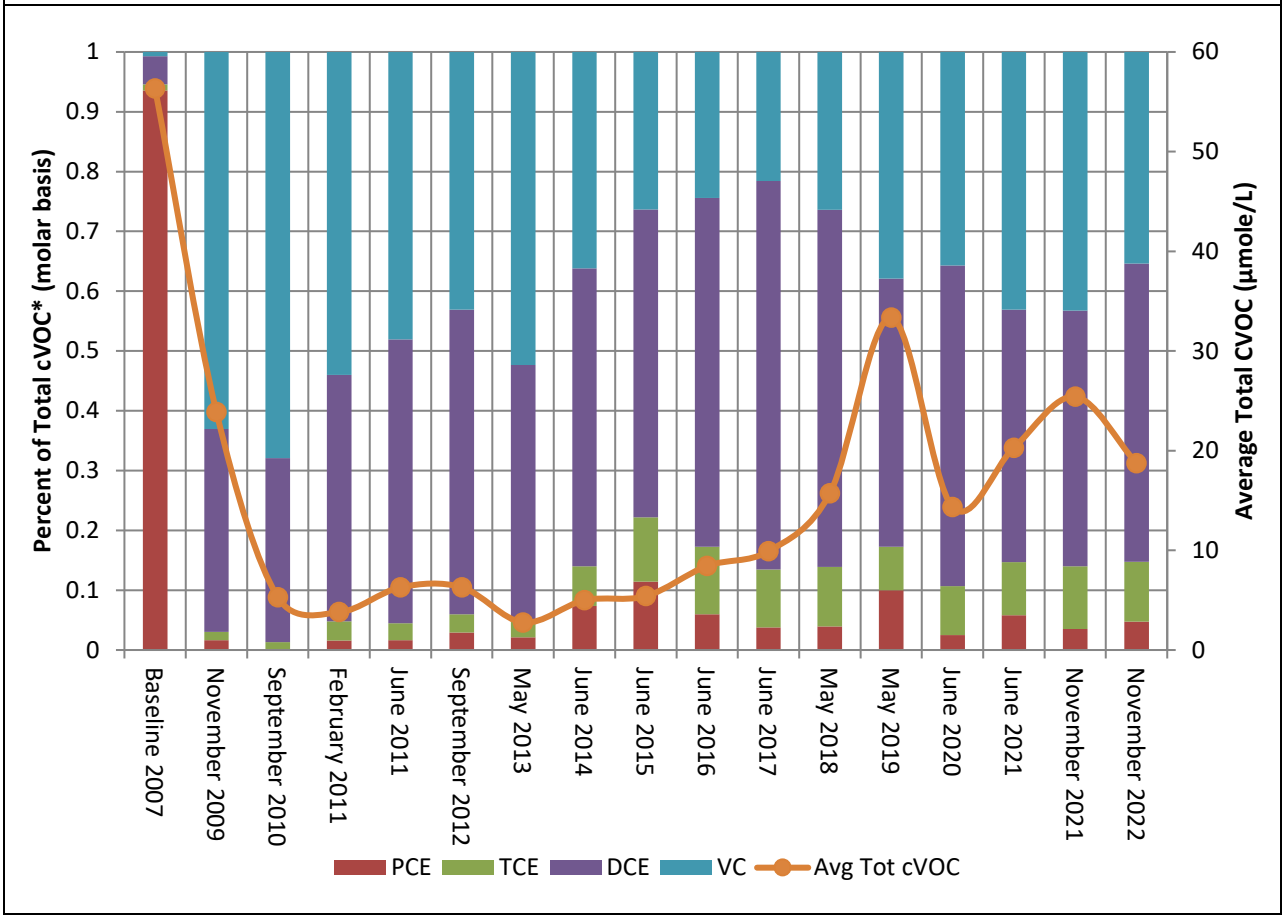
5.2.1.1Source Area

Source Area monitoring for the 2022 monitoring event was performed at 13 monitoring wells completed within two stratigraphic units within the shallow aquifer. Two wells (SMW-3S and SMW-4S) are screened within a shallow gravel unit from approximately 8 to 18 feet bgs and eleven wells (SMW-1D, SMW-2D, SMW-3D, SMW-4D, SMW-5D, SMW-6D, SMW-7D, SMW-8D, SMW-9D, EWMW-2 and EWMW-4B) are screened within a fine-grained sand and clay unit from approximately 20 to 28 feet bgs.

Historically, PCE concentrations greater than 40,000 µg/L (40,000 µg/L in EWMW-4B (May 2002), 47,000 µg/L in SMW-3D and 65,000 µg/L in SAI-2D (January 2007)) were detected in the Source Area with the highest concentrations and mass occurring within the deeper, less permeable fine-grained unit that occurs from approximately 20 to 28 feet bgs. Prior to the start of remediation efforts in June 2007 (Field Pilot Test), the January 2007 baseline groundwater sampling results indicated the total cVOC mass from the 12 monitoring wells was 56.4 micro moles per liter (µmole/L). By February 2011, the contaminant mass had been reduced by 93% to 3.8 µmole/L. A trend reversal from decreasing to increasing contaminant mass was observed beginning in 2016 due primarily to a rebound in contaminant concentrations in monitoring wells SMW-2D, SMW-3D and SMW-8D. By May 2019, the source area contaminant mass had increased to approximately 48 µmole/L, which is believed to be due to "back diffusion" of adsorbed and dissolved phase PCE in the shallow aquifer of the Source Area from approximately 20 to 28 feet bgs.

Following the 2020 pilot test injections, contaminant mass in Source Area monitoring wells had decreased to approximately 17 µmole/L as of June 2020. Between June 2020 and June 2021, contaminant mass in Source Area monitoring wells increased to approximately 30 µmole/L. The composition of the contaminant constituents indicates that complete dechlorination is occurring. The results from the 2007 baseline sampling showed approximately 93% of the contamination was composed of PCE. By February 2011, approximately 95% of the mass was characterized as PCE daughter products DCE (41%) and VC (54%). During the November 2022 sampling event, the PCE mass was 4.7% and TCE mass was 10.0%. Approximately 85% of the mass remains as PCE daughter products created by the EDR treatment, DCE (49.9%) and VC (35.4%) (Graph 1).

Graph 1 – Source Area cVOC Mass by Constituent



The highest cVOC concentrations within the Source Area occur in the less permeable lower unit of the shallow aquifer from approximately 20 to 28 feet bgs. During the baseline sampling in January 2007, PCE concentrations ranged from 2.0 to 65,000 µg/L and TCE ranged from less than 1.0 to 260 µg/L. cDCE concentrations were below 10 µg/L and tDCE and VC concentrations were below the laboratory detection limits (Table 4). By November 2009, PCE concentrations had decreased to 350 µg/L (SMW-6D) while the PCE daughter products, cDCE and VC, had increased to 5,600 µg/L (SMW-6D) and 11,000 µg/L (SMW-1D), respectively.

Analytical results from the November 2022 sampling event show that most of the contamination is concentrated in two wells (SMW-1D and SMW-3D) compared to three wells (SMW-1D, SMW-3D, and SMW-6D) in 2021. In SMW-1D, PCE decreased from 570 µg/L to 200 µg/L, TCE increased from 630 µg/L to 1,200 µg/L, cDCE increased from 460 µg/L to 1,000 µg/L, and VC increased from 76 µg/L to 91 µg/L. tDCE was not detected above an elevated laboratory reporting limit of 5 µg/L, respectively, due to sample dilution. In SMW-3D, PCE increased from 570 µg/L to 1,400 µg/L, TCE increased from 1,200 µg/L to 1,500 µg/L, cDCE increased from 4,200 µg/L to 7,000 µg/L, tDCE increased from 130 µg/L to 160 µg/L, and VC increased from 3,200 µg/L to 3,600 µg/L. PCE, TCE, cDCE, and VC were non-detect in SMW-6D; tDCE decreased from 7.6 µg/L to 1.6 J µg/L. Elevated daughter product concentrations were again observed in SMW-2D, with cDCE decreasing from 2,000 µg/L to 1,600 µg/L, tDCE decreasing from 66 µg/L to 47 µg/L, and VC decreasing from 1,400 µg/L to 770 µg/L. PCE and TCE were not detected in SMW-2D

above an elevated laboratory reporting limit of 5 µg/L due to sample dilution. All other SA/HS deep zone aquifer monitoring wells (SMW-4D, SMW-5D, SMW-7D, SMW-8D, and SMW-9D) are below the RGs for PCE, TCE, cDCE, and tDCE. VC is above the RG for all SA/HS deep zone wells except SMW-6D.

The current SA/HS shallow aquifer cVOC isoconcentration contour maps are shown on Figure 11a - 11c. Within the shallow aquifer, PCE, TCE, and cDCE were detected in samples from five of the six monitoring wells during the January 2007 baseline sampling. PCE concentrations ranged from 1.2 to 1,400 µg/L, TCE concentrations ranged from 1.8 to 280 µg/L and cDCE ranged from 4 to 2,200 µg/L. tDCE and VC concentrations were below the laboratory detection limits. Results from the six shallow zone wells over six sampling events beginning in November 2009 through May 2013 show that all cVOCs were below the Site RGs except VC. Consequently, beginning in June 2014, only two of the six shallow zone monitoring wells (SMW-3S and SMW-4S) have been sampled. As of November 2022, PCE was not detected above the RG and VC was detected at 13 µg/L in the sample from SMW-3S. All other cVOCs were below the Site RGs.

A significantly decreased contaminant mass was observed in June 2020 following Source Area pilot test amendment injections. In 2022, contaminant mass continues to remain lower than it was pre-injection in 2019. The continued presence of ethene indicates that complete dechlorination is sustained within the Source Area treatment zone.

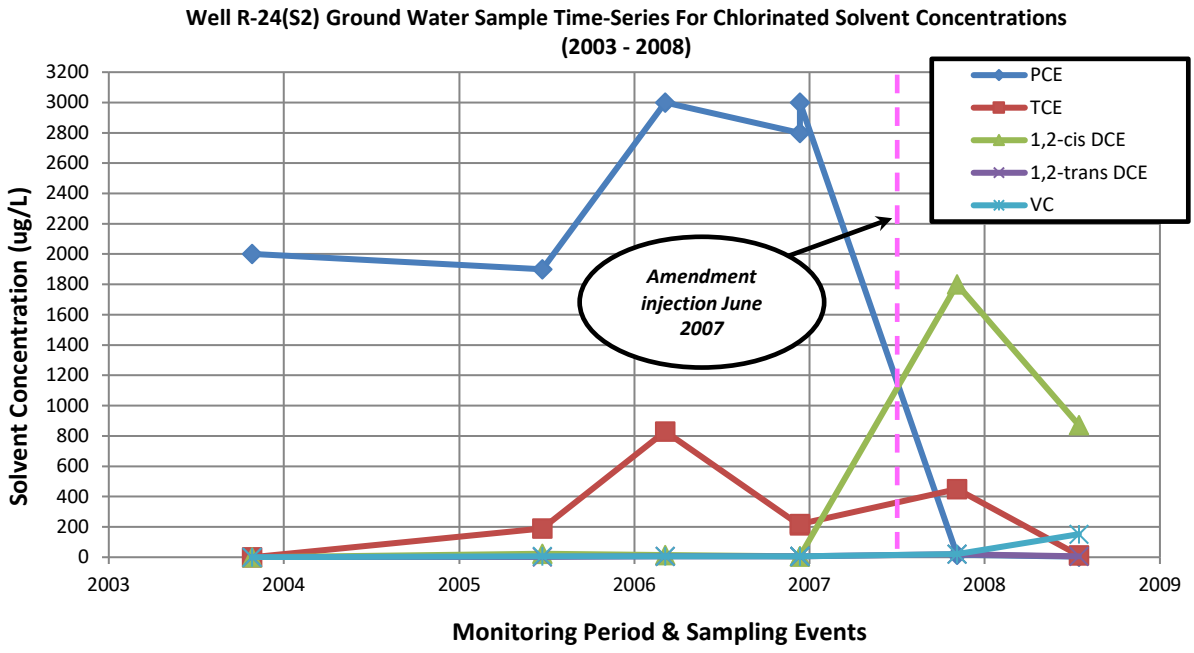
5.2.1.2 Hotspot

The primary objective of the former Hotspot monitoring program was to determine if rebound of cVOCs was occurring within this treatment area where the last substrate injection was performed in August 2009. The Hotspot monitoring program consisted of former treatment system wells that transected the middle of the Hotspot treatment area. These wells were plugged and abandoned in 2020 except for extraction wells HSE-7 and HSE-9, which were retained as water sources for future injection events.

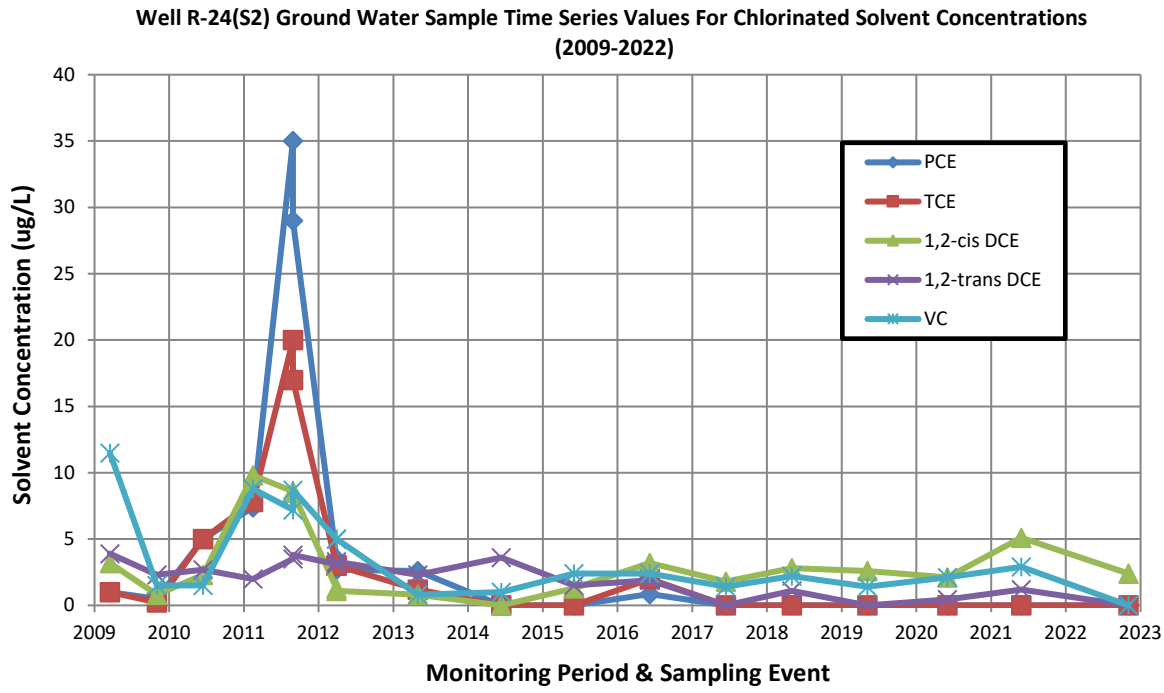
In October 2009, a comprehensive round of sampling of 22 of the Hotspot extraction (HSE) and injection (HSI) wells showed that all cVOCs except VC were below the Site RGs. SMW-29D was installed immediately downgradient of the Hotspot treatment area in May 2017. VC is the only contaminant above the RG and had a detection of 4.4 µg/L at SMW-29D in the November 2022 sampling event.

The effects from the ERD Hotspot treatment have been observed as far south as Paseo de Oñate approximately 400 feet downgradient from the Hotspot treatment area. Changes in concentrations and contaminant profiles in samples collected from four wells (R-24(S2), EX-16, R-25(S2), and EX-13) at increasing distances from the Hotspot treatment area have been observed (Table 3). Graph 2, Graph 3, and Graph 4 provide visual presentation of contaminant trends over time at R-24(S2) located just downgradient of the Hotspot treatment area and EX-13 located approximately 400 feet downgradient from the Hotspot.

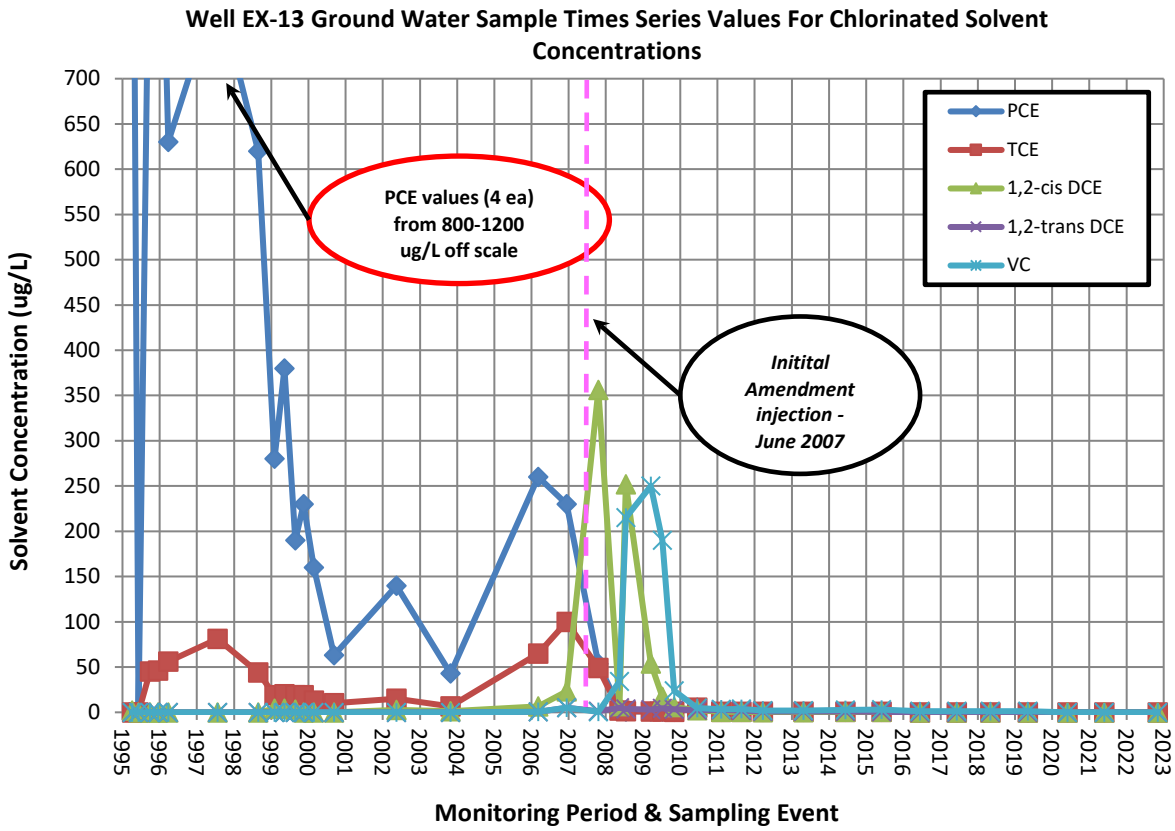
Graph 2 – Well R-24(S2) Chlorinated Solvent Concentrations (2003-2008)



Graph 3 – Well R-24(S2) Chlorinated Solvent Concentrations (2009-2022)



Graph 4 – Well EX-13 Chlorinated Solvent Concentrations



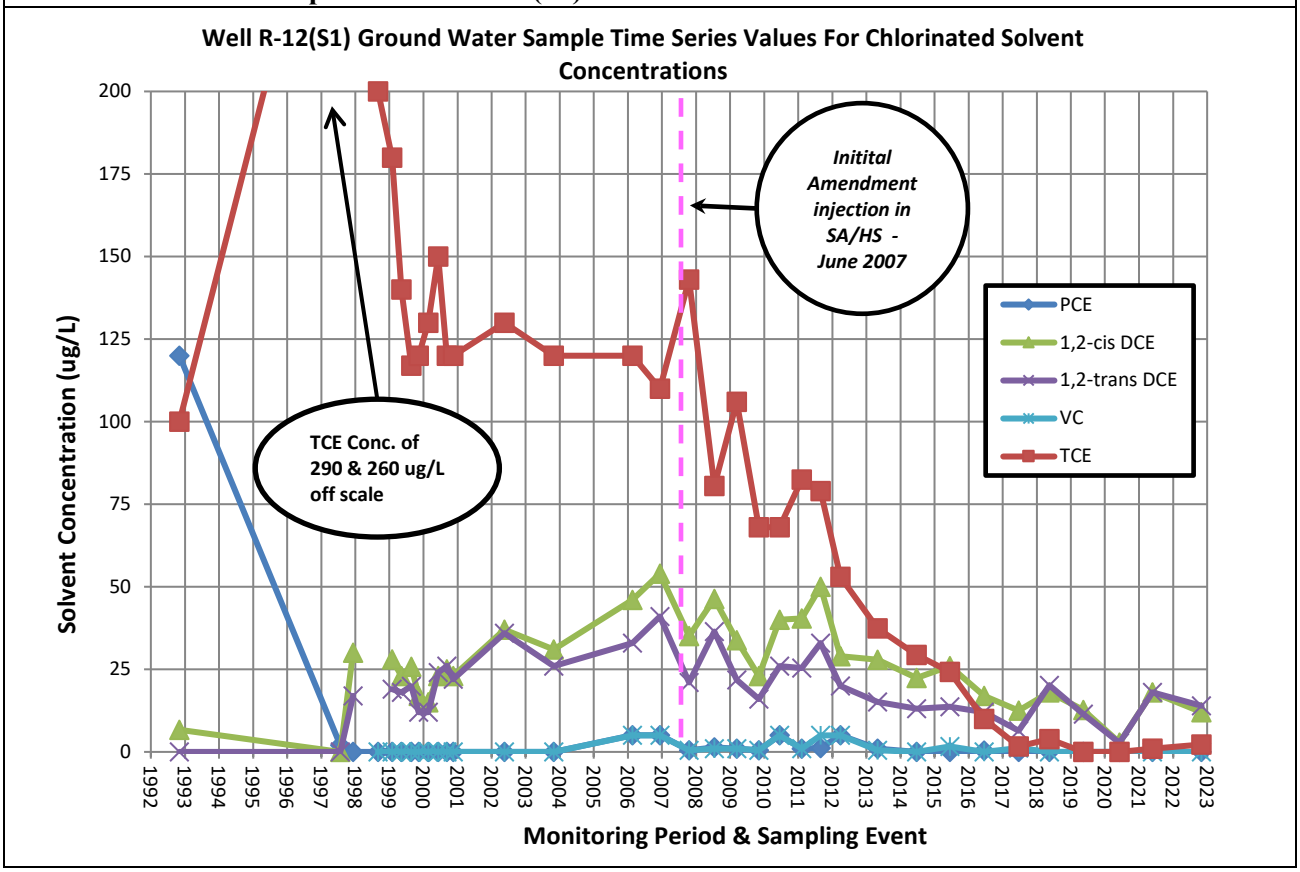
EX-16 was lost after 2018 due to regrading of a gravel lot; however, all cVOC concentrations were <1.0 µg/L since 2013. After the ERD substrate injections in May/June 2007, R-24(S2), EX-13, and EX-16 have PCE, TCE, and DCE below RGs. In the November 2022, there were estimated concentrations of VC detected above the MDL, but below the RL – R-24 (S2) at 1.9 µg/L J, EX-13 at 1.5 µg/L J, and EX-16 at 1.0 µg/L J. The presence of VC indicates complete ERD is occurring downgradient of the SA/HS treatment area.

5.2.1.3 Central Shallow Plume

Monitoring well R-12(S1) is the only well located in the middle portion of the shallow aquifer plume approximately 1,000 feet downgradient of the Source Area and 500 feet upgradient of the Biocurtain. Historically, PCE has completely degraded to TCE, cDCE, and tDCE daughter products at this well location. PCE concentration in the November 2022 groundwater sample was less than the 0.48 µg/L method detection limit. TCE concentrations from samples collected from this well decreased until June 2017 when the concentration level fell to 1.7 µg/L, which was the first time the TCE concentration fell below the RG of 5.0 µg/L. TCE levels have stayed below the RG since June 2017, and in November 2022, TCE concentration was 2.2 µg/L. The cDCE and

tDCE concentrations have fluctuated slightly, but they have stayed below their RGs. The concentrations of cDCE and tDCE in November 2022 were 12 µg/L and 14 µg/L, respectively. VC fell below 1.0 µg/L in May 2018, and it has remained below 1.0 µg/L since then. VC was below the method detection limit of 0.82 µg/L in November 2022 (Graph 5).

Graph 5 – Well R-12(S1) Chlorinated Solvent Concentrations

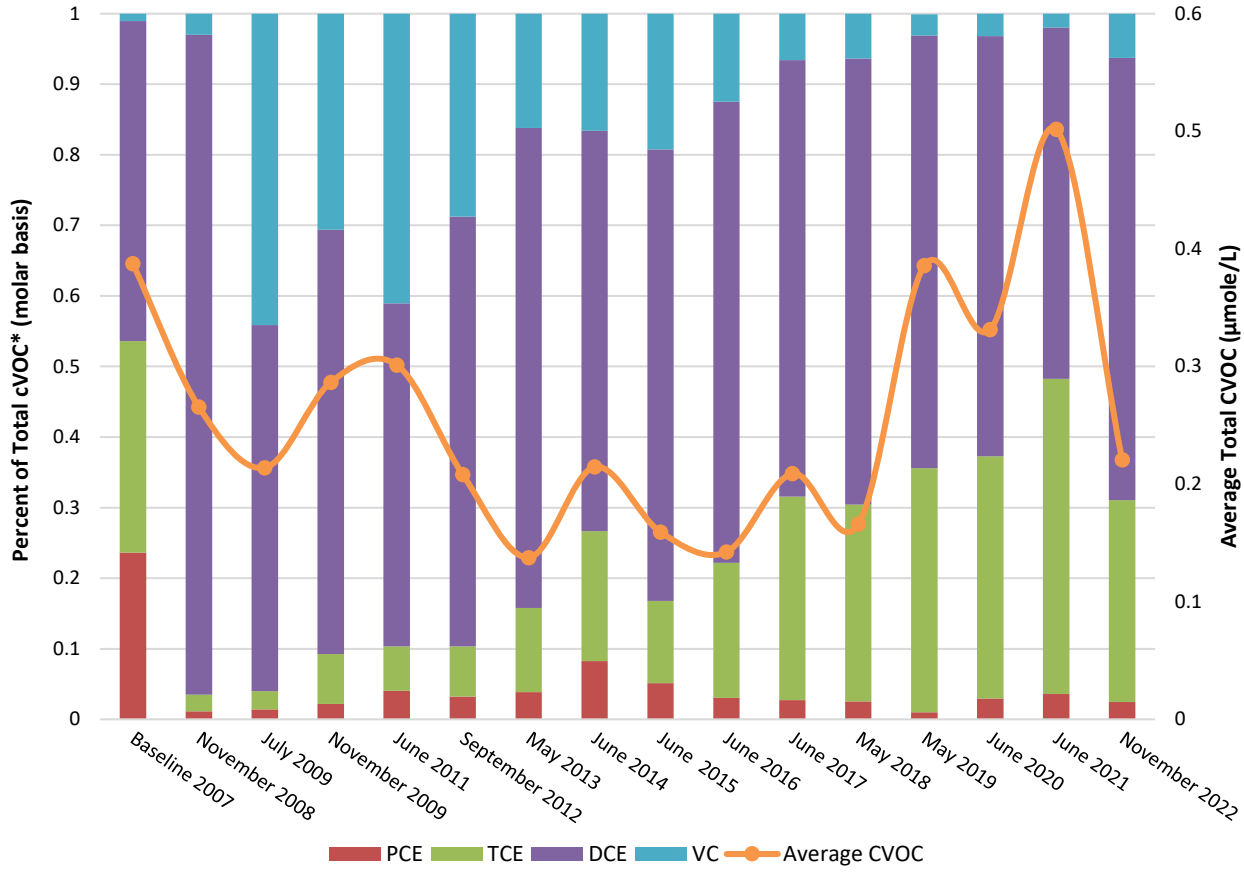


5.2.1.4 Biocurtain

Approximately 1,500 feet downgradient from the Source Area, active ERD is occurring in the Biocurtain treatment area. Six groundwater monitoring wells (BC-5, BC-6, BC-7S, BC-7D, R-04(S2) and R-27(S2)) are currently used to monitor shallow groundwater conditions in the Biocurtain area. Prior to the start of remediation in May 2008, the January 2007 baseline groundwater sampling results indicated the average total cVOC mass from the four former monitoring wells sampled (BC-2, BC-3, BC-4 and BC-5) was 0.39 µmole/L. The average cVOC mass from six wells (BC-5, BC-6, BC-7S, BC-7D, R-04(S2) and R-27(S2)) sampled in November 2022 was 0.22 µmole/L. An increase was first observed in May 2019 (0.39 µmole/L) and was attributed almost entirely to an increase in TCE, cDCE and tDCE concentrations in BC-6. cVOC concentrations in the remaining Biocurtain wells sampled in 2019 through 2021 remained relatively consistent. In November 2022, the average total cVOC mass was less than the 2007 average baseline sampling mass values due to a decrease in PCE, TCE, and DCE concentrations in BC-6. The results from the 2007 baseline sampling showed approximately 24% of the contamination as PCE, 30% as TCE, 45% as DCE and 1% VC. During the November 2022

sampling event, PCE represented 2.4% of the mass, TCE 28.6%, DCE 62.7%, and VC 6.3% (Graph 6).

Graph 6 – Biocurtain cVOC Mass by Constituent



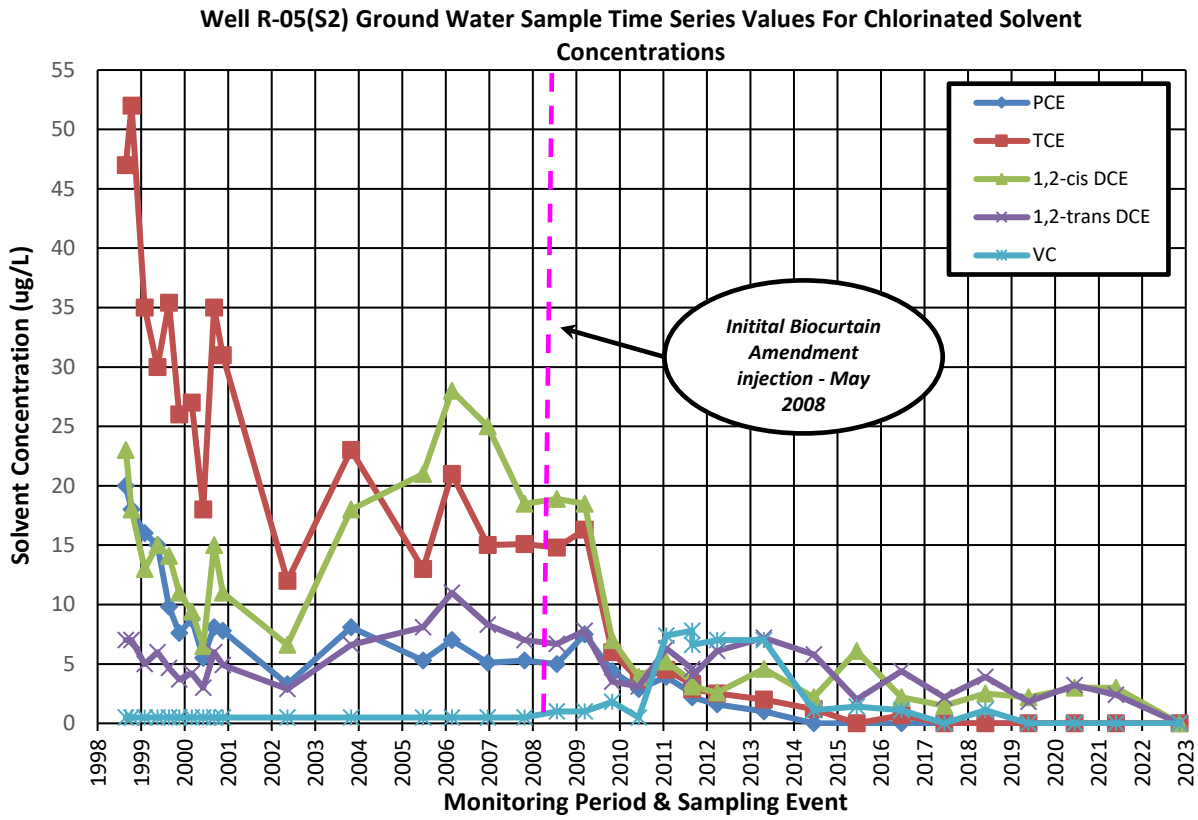
PCE concentrations ranged between 3.2 µg/L to 30 µg/L and TCE concentrations were between 5.4 µg/L to 31 µg/L prior to the RA implementation. The PCE concentrations have decreased to less than 1.0 µg/L in samples collected from five of the six wells sampled in November 2022; PCE was detected in BC-6 at 2.1 µg/L. The TCE concentration was less than 2.0 µg/L in three of the six wells sampled in November 2022 and was detected at 2.9 µg/L in R-04 (S2), 6.3 µg/L in R-27(S2), and at 39 µg/L in BC-6. Five wells have cDCE and four wells have tDCE detections, but all wells remain below the remedial goals. VC was detected in one of the five wells sampled during the November 2022 event at 1.1 J µg/L (R-27(S2)).

The analytical results from one well (BC-6) have shown a significant increase in PCE and TCE since the 2012 sampling event. This well is situated at the eastern extent of the Biocurtain and cVOCs had not been detected prior to the September 2012 sampling event when TCE was detected at 6.6 µg/L. Since September 2012, PCE concentrations have ranged from a maximum of 20.0 µg/L in June 2014 to a minimum of 1.2 µg/L in May 2019. The November 2022 PCE concentration was 2.1 µg/L. TCE has ranged from 6.6 µg/L in September 2012 to 140 µg/L in June 2021. The November 2022 TCE concentration was 39 µg/L. Additional investigation around BC-6 was performed in August 2015 by NMED's contractor, CDM Smith Inc. During this investigation five boreholes were installed to the north and east of BC-6. A total of 11 groundwater grab samples

were collected from depths between 12 and 27 feet bgs and at least one sample from each boring exceeded of the Site RGs for both PCE and TCE. Three additional monitoring wells, PASMW-01, PASMW-02 and PASMW-03, were installed to the northeast of BC-6 in December 2018 and were sampled in January 2019. PCE, TCE and cDCE were detected at concentrations of up to 160 µg/L, 380 µg/L and 130 µg/L, respectively, in PASMW-01. Based on these results and the location of PASMW-01, the increase in cVOC concentrations observed in BC-6 since 2012 was determined to be the result of a release from a separate off-site source. NMED has designated the groundwater contamination from this other source to be the Calle Chavez Plume. Abatement actions are being conducted on the Calle Chavez Plume under the direct oversight of NMED. It is considered a separate plume not associated with the Superfund Site.

Historical PCE and TCE concentrations at well R-05(S2), approximately 2,300 feet downgradient of the Source Area and 700 feet downgradient of the Biocurtain, show a decreasing trend while VC increased following the RA implementation (Graph 7). PCE and TCE have been below the RGs since June 2010. VC was first detected (1.8 µg/L) in a sample collected from this well in October 2009 and was consistently detected at levels between 6.6 to 7.4 µg/L from 2011 to 2013. In 2014, VC decreased to 1.1 µg/L and was <0.82 µg/L during the November 2022 sampling event. VC was also detected at concentrations ranging from 1.7 to 15 µg/L in samples collected from R-14(S2), located approximately 300 feet east-southeast of R-05(S2), between 2010 and 2013 and has decreased to <1.0 µg/L since 2014. VC was also detected farther downgradient in samples collected from wells RDP-2 (2.6 µg/L) and RDP-4 (2.1 µg/L) in April 2013 and has since decreased to <1.0 µg/L since June 2015. The trend graph for R-05(S2) was used as it had the highest historical groundwater concentrations in this area of the plume.

Graph 7 – Well R-05(S2) Chlorinated Solvent Concentrations



The detection of VC in samples from these downgradient wells indicates that groundwater initially treated at the Biocurtain has migrated from 700 to 2,100 feet south of the Biocurtain treatment system. The VC detections at these downgradient wells also indicate that incomplete dechlorination was occurring within the Biocurtain system. The incomplete dechlorination is likely due in part to the high groundwater flow which reduces the residence time within the ERD treatment zone. This issue has been resolved since the 2013 substrate amendment injection when a higher substrate dose was applied at the Biocurtain; this injection resulted in the lower VC detections observed downgradient during the subsequent sampling events.

5.2.2 Intermediate Aquifer (I1 and I2 wells)

A total of 18 groundwater monitoring wells installed in the intermediate aquifer at the Site were sampled during the November 2022 event. Monitoring wells completed in the intermediate aquifer (I1 and I2 zone wells) are typically screened from approximately 50 to 70 feet bgs in the I1 zone and from 80 to 100 feet bgs in the I2 zone.

In general, both PCE and TCE concentrations in samples collected from wells completed within the contaminant plume boundaries of the intermediate aquifer have historically shown an increasing trend through June 2016, followed by a decreasing trend through November 2022. The exception to this observation is the downgradient monitoring well R-08(I2), which has consistently shown an increasing trend through 2021, but showed a decrease in November 2022. COCs have not been observed in the intermediate aquifer beneath or immediately downgradient of the Source Area as indicated by the historical results from samples collected from monitoring wells EWMW-

4A and R-23(I1). However, contaminants have reached the intermediate aquifer approximately 500 feet south/southwest of the Source Area near R-29A(I1) and are highest approximately 1,130 feet south/southwest of the Source Area at the R-34 well cluster located at the northeast corner of Calle Chavez and the Los Alamos Highway (Figure 5, Figure 12, Figure 13).

During the 2021 reporting period, wells in the R-09 well cluster were converted into injection wells. As a result, a new well cluster R-34 (R-34(I1) and R-34(I2)) was installed in December 2021 to replace the R-09 well cluster. PCE was detected above the Site RG of 5 ug/L in sample R-34(I2) at concentrations of 56 µg/L. PCE decreased in R-34(I1) from 12 ug/L to 4.1 ug/L from June 2021 to November 2022. TCE was also detected above the Site RG of 5 ug/L in samples collected from wells R-34(I1) and R-34(I2) at concentrations of 9.9 µg/L and 17.0 µg/L, respectively. The remaining COCs were below their respective RGs at these two wells.

The overall PCE trend has been decreasing from samples collected at R-13(I2) since 2015, the farthest southwest well completed in the intermediate aquifer. From June 2021 to November 2022, PCE concentrations stayed relatively stable from 25 µg/L to 24 µg/L (Graph 8). TCE was also detected above the Site RG of 5 µg/L in the sample collected from this well at a concentration of 5.4 µg/L while the remaining COCs are below their respective RGs.

Monitoring wells R-08(I2) and R-08A(I1) are located to the south of the R-09 well cluster along Highway 84/285 (Santa Clara Bridge Road). The PCE concentrations from R-08(I2), which historically measured less than 3.5 µg/L prior to 2012, increased consistently between 2012 and 2021. The PCE concentration has exceeded the Site RG at this well since June 2014 and was 25 µg/L during the November 2022 event, down from 43 µg/L in June 2021. TCE also exceeded the RG for the first time at 5.7 µg/L during the June 2015 sampling and was at 11.0 µg/L during the November 2022 event, which was down from 16 µg/L in June 2021. All other COCs remain below the RGs in samples collected from this well. R-08A(I1) was the only monitoring well in November 2022 in the I1 zone to have concentrations of PCE above the RG of 5 µg/L. PCE concentrations at R-08A(I1) decreased from 23 µg/L in June 2021 to 6.3 µg/L in November 2022, and TCE decreased from 15 µg/L to 7.5 µg/L. DCE and VC were not detected above the lab reporting limits.

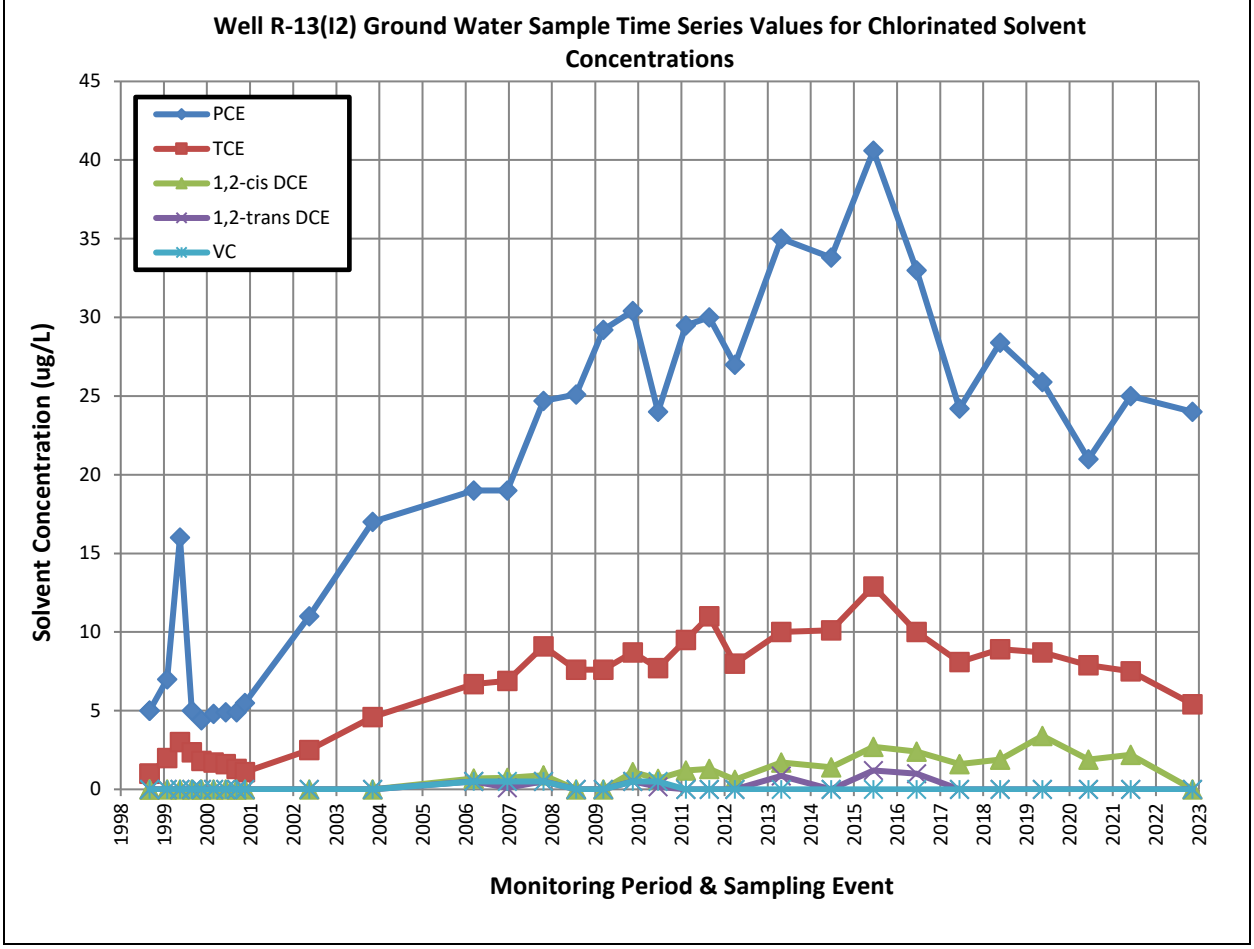
For the first time during this sampling event, PCE was below the Site RG of 5 µg/L in the sample collected from well R-29A(I1) at a concentration of 2.3 µg/L. All other COCs remain below the RGs in the sample collected from this well.

Nested monitoring well pairs R-31(I1&I2), R-32(I1&I2), and R-33(I1&I2) respectively define the western, southwestern, and southern limits of the intermediate zone contaminant plume. R-31(I1), R-32 (I2), and R-33 (I1) were not detected at the lab reporting limits for all cVOCs. In November 2022, PCE was below the Site RG of 5 µg/L in R-31(I2) at a concentration of 1.5 µg/L, and was not detected above the lab reporting limit (<0.48 µg/L) in R-32(I2) and R-33(I2). All other cVOC sampling results from these wells in November 2022 were non-detect.

Two ERD injection wells and two monitoring wells were installed in the intermediate aquifer at the Plaza de Española approximately 750 feet from the Source Area as part of the RA construction. Analytical results for samples collected from monitoring wells DM-1(I1) and DM-2(I1) have historically been lower than the R-09 well results with the highest PCE detected at 13.0 µg/L in

2007. DM-1(I1) was not sampled in November 2022. All cVOCs in DM-2 (I1) sampling results were not detected above the lab reporting limits.

Graph 8 – Well R-13(I2) Chlorinated Solvent Concentrations



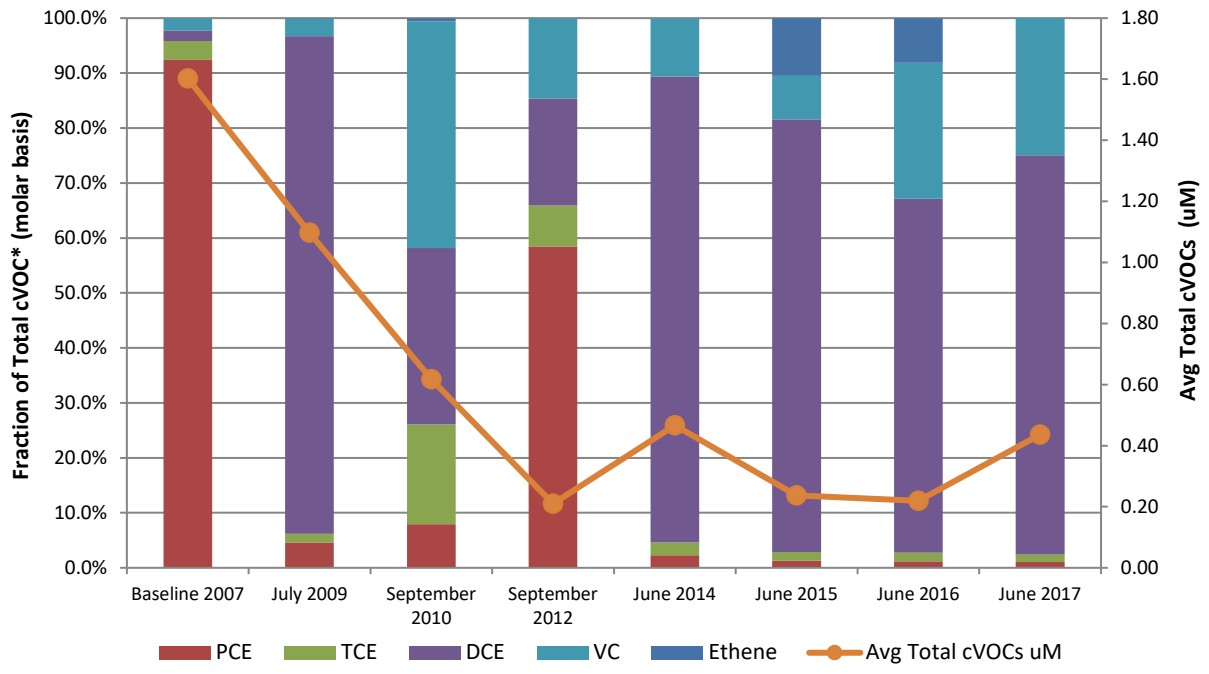
5.2.3 Deep Zone Aquifer (D1 and D2 wells)

A total of 20 monitoring wells including FLUTe well monitoring ports installed in the deep zone aquifer at the site were sampled during the November 2022 sampling event. The deep aquifer consists of two contaminated zones (D1 and D2) and one uncontaminated zone (D3). The D1 zone ranges in depths from approximately 155 to 200 feet bgs and the D2 zone ranges from between approximately 225 to 265 feet bgs. The uncontaminated D3 zone ranges from approximately 340 to 360 feet bgs. Results from the November 2022 sampling event continue to indicate that the highest cVOC concentrations in the deep aquifer occur around the R-29A (D1) and R-30 (D2U) (Figure 5, Figure 14, and Figure 15). Wells R-35 (D1) and R-35 (D2) were installed upgradient of R-29A(D1) and R-29(D2U) in November 2022.

Sample results from the injection wells show near complete degradation of PCE following the substrate injections that has sustained for years after the injections. PCE, which accounted for greater than 90% of the contaminant mass prior to the injections, was reduced to less than 10% through September 2010 (Graph 9). As expected during the ERD process, PCE daughter products initially increased from less than 5 µg/L to between 190 and 230 µg/L in the treatment wells with

TCE representing 18%, DCE 32%, and VC 41% of the contaminant mass by September 2010. All cVOCs except VC were below the Site RGs in the injection wells in 2017. In December 2021, one Deep Zone injection well, R-21, was sampled, and all COCs were reported at <1.0 µg/L. Deep Zone injection wells were not sampled during the 2022 sampling event.

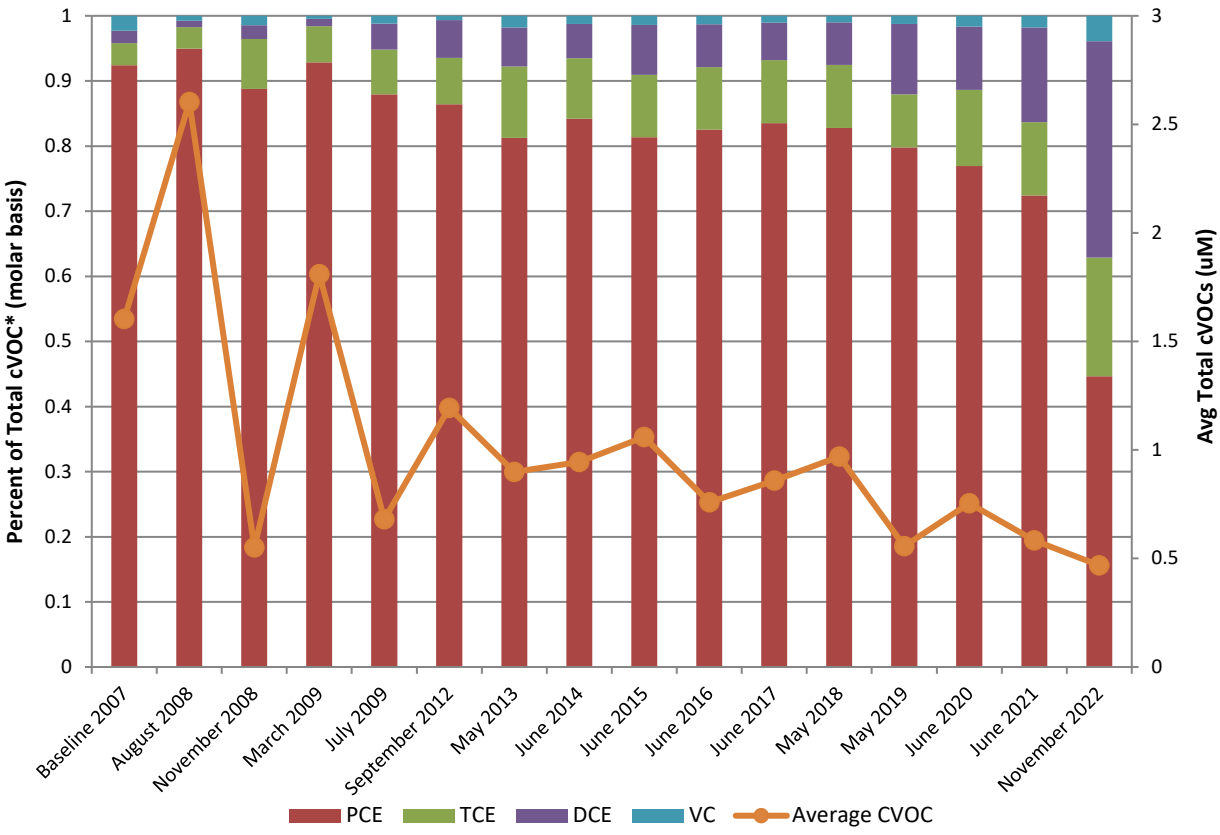
Graph 9 – Deep Zone Injection Well cVOC Trends



*Note: Fraction of Total cVOCs includes ethene. However, ethene was not analyzed in all wells in all events.

From June 2021 to November 2022, the overall cVOC mass has changed with a decrease in PCE and an increase in TCE, DCE, and VC in the deep zone monitoring wells which are located within approximately 40 feet of the injection wells. As of November 2022, PCE in the monitoring wells represents approximately 52% of the contaminant mass compared to 72% in June 2021 (Graph 10).

Graph 10 – Deep Zone Monitoring Well cVOC Trends

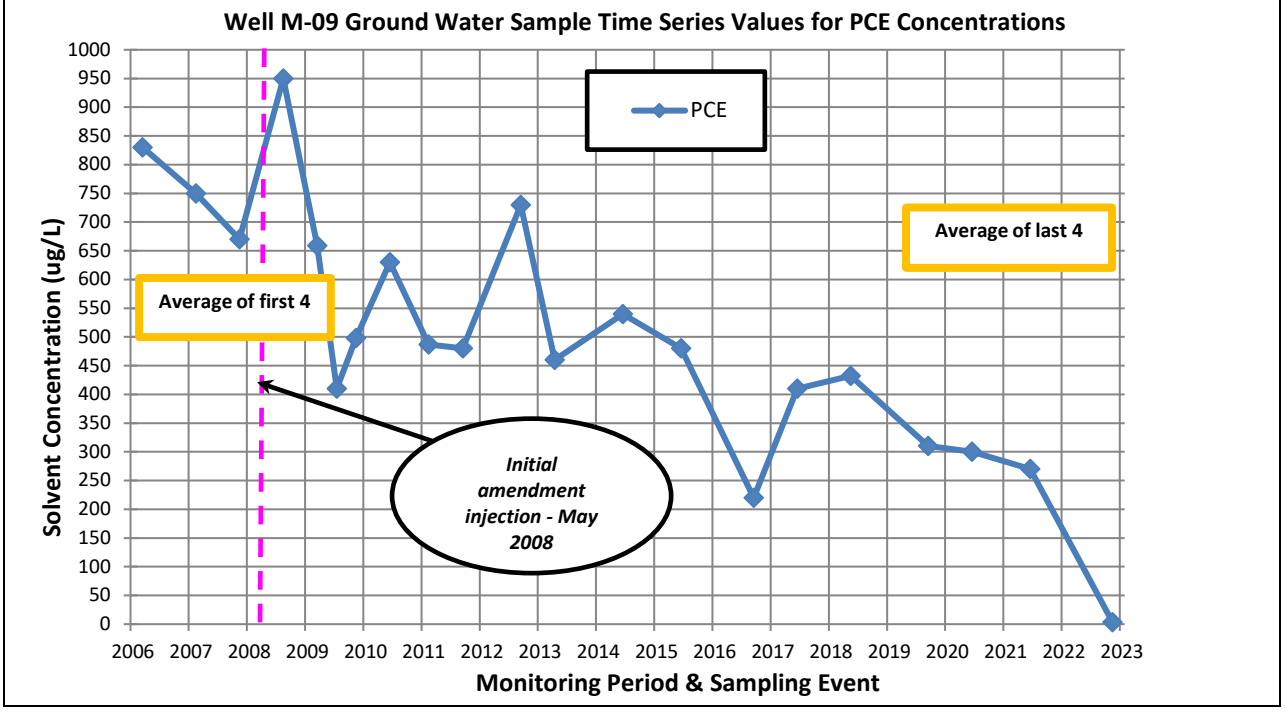


The November 2022 PCE concentrations in samples collected from the D1 Zone monitoring wells ranged from <1.8 µg/L in the samples from R-12(D1) to 110 E µg/L in R-29A(D1). The highest PCE concentrations within the D1 Zone were in samples from wells R-29A(D1) (110 E µg/L) and R-35(D1) (97 µg/L), located northwest of the plaza. PCE concentrations in samples from DM-1(D1) and DM-2(D1), located in the plaza, were 8.5 µg/L and 1.7 µg/L, respectively. TCE concentrations in samples collected from D1 zone monitoring wells ranged from 3.1 µg/L in the samples from DM-2(D1) to 28 µg/L in M-15. Compared to the 2021 analytical results, PCE concentrations decreased in M-09 (270 µg/L to 8.8 µg/L), M-15 (140 µg/L to 7.1 µg/L), R-29A(D1) (140 µg/L to 110 E µg/L), DM-1(D1) (24 µg/L to 8.5 µg/L), and DM-2 (D1) (7.7 µg/L to 1.7 µg/L). PCE concentrations in R-35(D1) were detected at 97 µg/L (Figure 14). From June 2021 to November 2022, M-09's PCE concentrations plummeted while cDCE increased (7.9 µg/L to 35 µg/L) (Graph 11 and Graph 12).

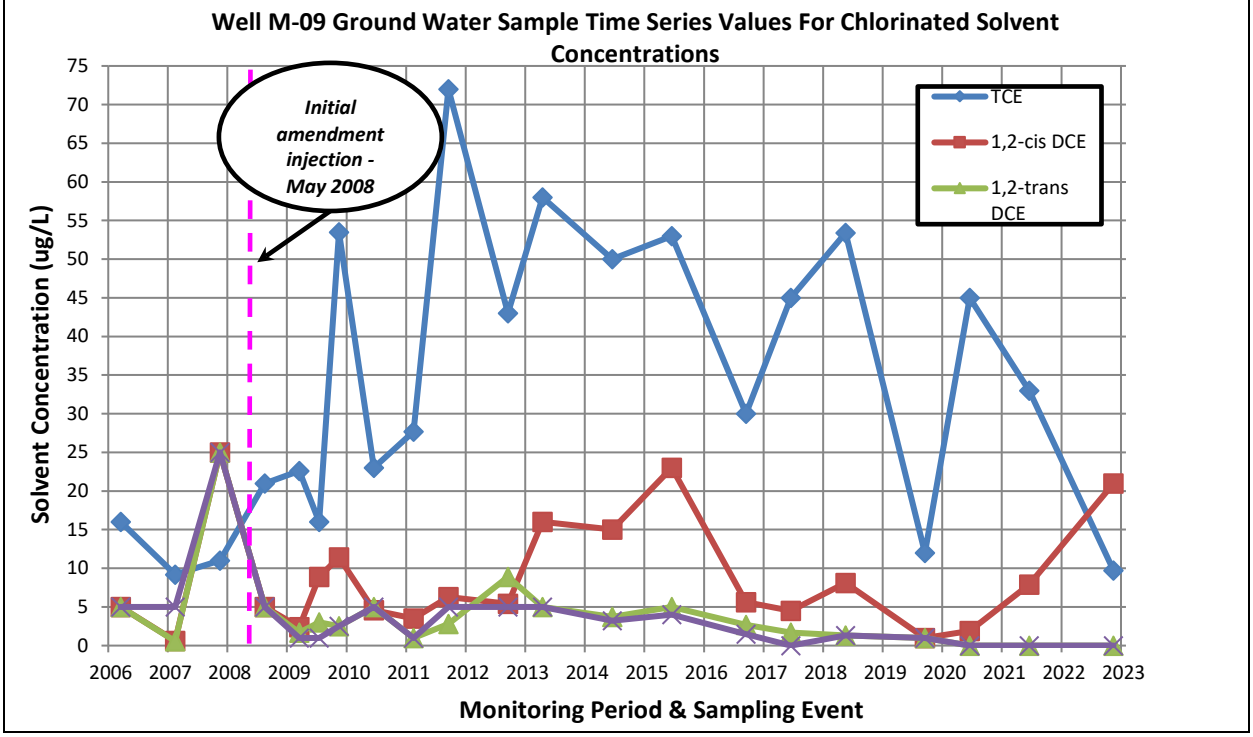
PCE concentrations in samples collected from the D2 zone wells (M-20, R-20, R-29 (D2U), R-30 (D2L), R-30 (D2U), R-32(D2), R-34(D2), R-35(D2), DM-1 (D2), and DM-2(D2)) in November 2022 ranged from <0.48 µg/L in R-32 (D2) to 120 µg/L in R-30(D2U) (Figure 15). Compared to the June 2021 analytical results, PCE concentrations have decreased in most samples collected from D2 zone. However, PCE increased from 44 µg/L to 120 µg/L in R-30(D2U). TCE concentrations were only above the RG in R-30(D2U) (7.8 µg/L) and R-34(D2) (6.8 µg/L). cDCE

and tDCE were detected in DM-1(D2) at concentrations of 6.9 µg/L and 1.8 J µg/L, respectively. cDCE and tDCE were not detected above 1 µg/L in samples collected from any other D2 wells. VC was not detected above the RGs in any of the samples collected from D2 wells.

Graph 11 – M-09(D1) Time Series Values for PCE

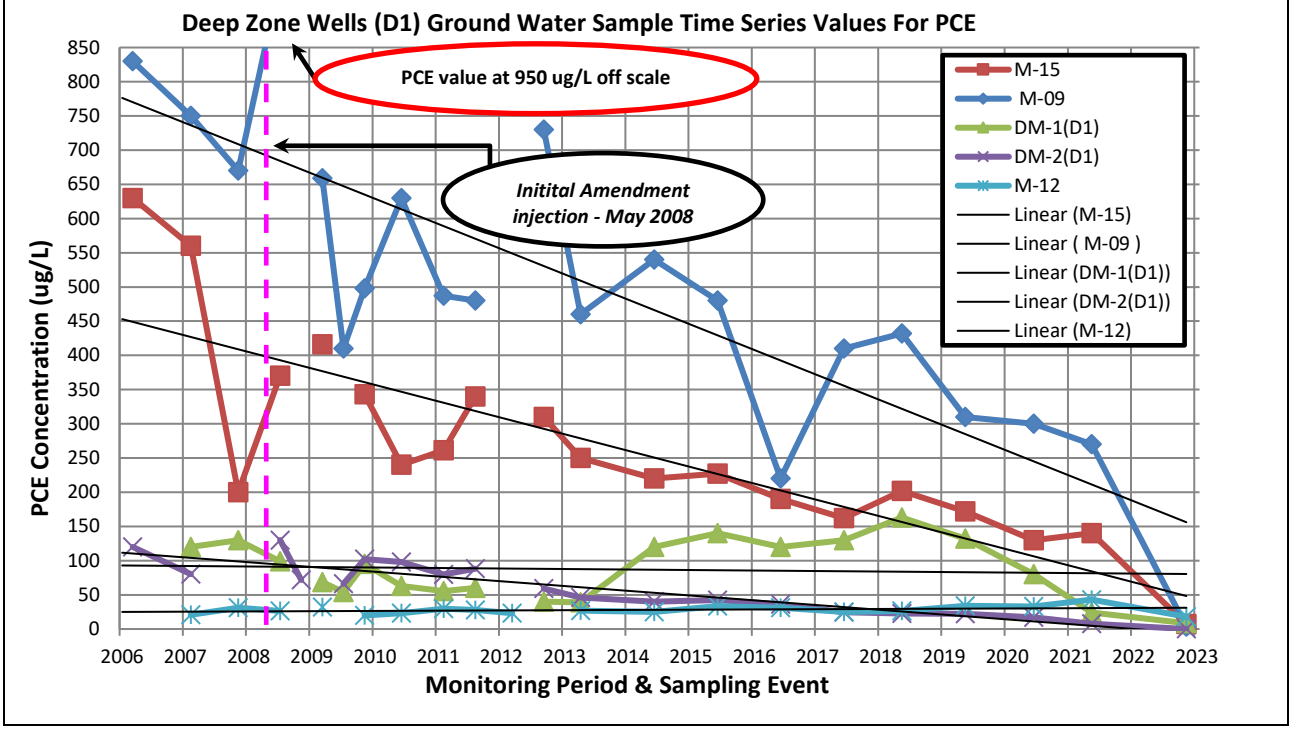


Graph 12 – Well M-09(D1) Time Series Values cVOCS

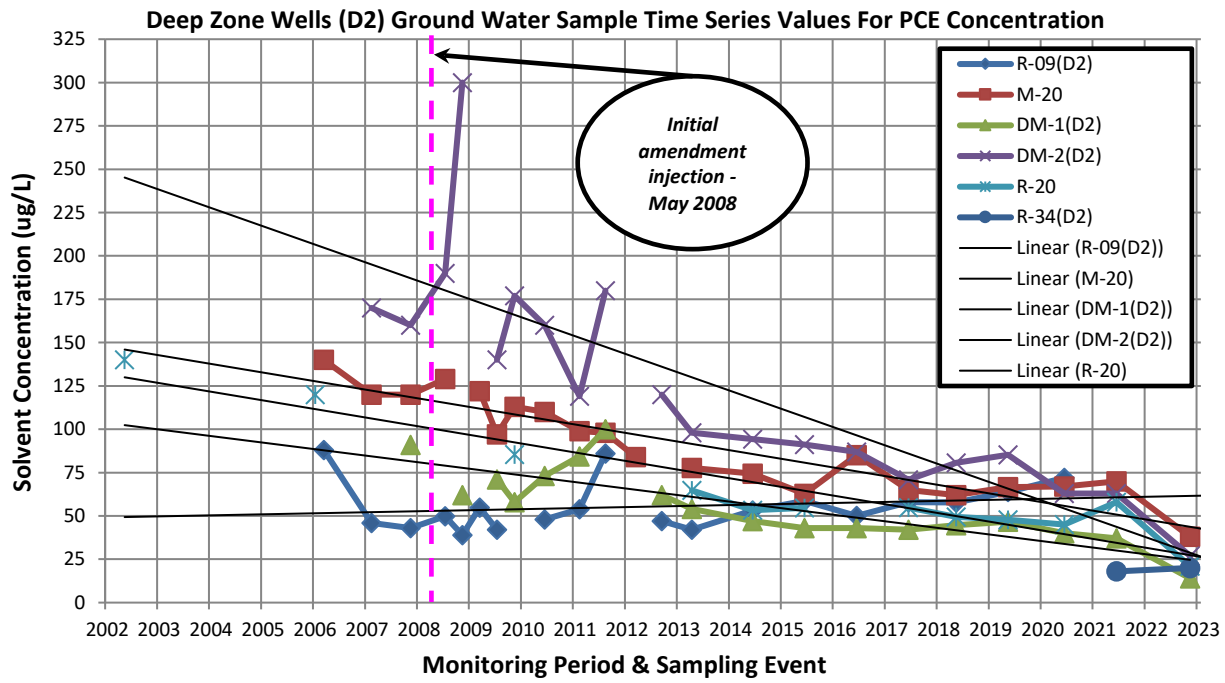


Analytical results for PCE from samples collected from the D1 and D2 aquifer wells show an overall decreasing trend since 2007 as shown in Graph 13 and Graph 14. The average PCE concentrations detected in samples from ten wells in 2007 was 217 µg/L. The average PCE concentration for samples from the same ten wells (excluding R-09 (D2) and M-12) was 15 µg/L in November 2022. This represents an approximate 93% decrease in the PCE concentrations since 2007.

Graph 13 – Deep Zone Wells (D1) Time Series Values for PCE



Graph 14 – Deep Zone Wells (D2) Time Series Values for PCE



5.2.4 Supply Wells

Santa Clara Pueblo's public supply well (SCTW-2), located approximately 1 mile downgradient from the plume, is no longer in use. Analytical results from previous samples collected from this well between 2006 and 2009 were non-detect for all COCs.

The Cook Estate private well located south of the plaza is used for irrigation purposes only. Historical results from the Cook well showed PCE and TCE concentrations ranging from 15 µg/L to 74 µg/L through the March 2009 sampling event. COCs in samples collected from this well have been below the Site RGs since the November 2009 sampling event. PCE was detected at a trace concentration of 0.30 J µg/L in June 2021. In November 2022, PCE was not detected. All other COCs (TCE, DCE, and VC) have been non-detect since the 2014 sampling event.

5.2.5 Dissolved Metals Analytical Results

The ERD treatment process can create secondary water quality concerns resulting from the reduced aquifer conditions within and downgradient of the treatment areas. These conditions result in the dissolution and mobilization of formerly insoluble forms of metals that occur naturally in the aquifer matrix. Three dissolved metals, arsenic, iron, and manganese, are used for comparison to the more restrictive of the Federal Primary Drinking Water MCL (arsenic) and NMWQCC standards (iron and manganese). Twenty (20) monitoring wells located upgradient, within, and downgradient from the treatment areas were sampled for dissolved metal analysis during the November 2022 sampling event. Table 5 provides historical results for the analysis of arsenic, iron, and manganese. Appendix A provides laboratory results for the metals analyzed. For further explanation of dissolved metals analytical results see *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

Source area well SMW-8 (D) had the maximum dissolved iron (24,000 µg/L) in 2022. S-MicroZVI™ was injected into directional injection enhancements (DIEs) surrounding SMW-8 (D) in March 2020. In general, dissolved iron concentrations in the deep zone are below the NMWQCC Standard of 1.0 µg/L. However, R-29A (D1) using a low-flow sampling technique had a dissolved concentration of 1.3 µg/L.

All the Source Area and the Biocurtain wells have dissolved manganese above the ROD and NMWQCC of 200 µg/L. This is due to ERD which has created a reducing environment. Only R-29A (I1) had a detection above NMWQCC of 1,100 µg/L in the intermediate and deep zones.

Shallow zone EX-13 and R-25 (S2) are the only sampled wells above 10 µg/L. These elevated levels could be due to the Site plumes, petroleum hydrocarbon plumes from Underground Storage Tanks releases, or other contamination leading to reducing conditions that can dissolve aquifer minerals to which arsenic may be bound.

5.2.6 Total Organic Carbon (TOC) Analysis

TOC is a measure of the amount of substrate remaining for use as the electron donor during the ERD process. The TOC levels required for sustaining ERD are typically greater than 20 to 30 milligrams per liter (mg/L).

TOC concentrations remained elevated at SMW-8 (D) and SMW-9 (D), downgradient of the 2020 ETS treatment area. This indicates that the substrate has not been exhausted. For further explanation of TOC analysis see *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

5.2.7 Microbial Activity Sampling and Analysis

Ten groundwater samples were collected during this reporting period for microbial deoxyribonucleic acid (DNA) analysis from selected wells in the Source Area, Itermediate Zone, and Deep Zone treatment areas. The samples were collected by INTERA, Inc. and submitted to Microbial Insights, Inc. of Knoxville, Tennessee for analysis. Laboratory results are provided in Appendix C.

The presence, abundance, and proliferation of specific microorganisms (*dehalococcoides spp.*, DHC) and functional genes (tceA, bvcA, and vcrA), are key components in assessing trends in biodegradation and effectiveness of the ERD treatment. According to Lu et al. (2006), a concentration of $1x10^4$ DHC cells (of micro-organisms) per milliliter of water (cells/mL) can be used as a screening criterion to identify sites where reductive dechlorination will yield useful biodegradation rates. Other functional RDase genes are useful in determining which compounds are degraded or whether the potential for incomplete degradation or stalling may occur. These specific RDase genes are described below.

- **tceA** – The tceA gene encodes the enzyme responsible for reductive dechlorination of TCE to cDCE in some strains of DHC. Absence of tceA does not preclude the potential for reductive dechlorination of TCE in the field since the tceA gene is not universally distributed among all DHC and is not present in other microorganisms capable of reductive dechlorination of TCE (for example, Dehalobacter). Detection of the tceA gene provides an additional line of evidence indicating the potential for dechlorination of TCE.
- **bvcA** – The bvcA gene encodes the vinyl chloride reductase enzyme responsible for reductive dechlorination of VC to ethene by DHC strain BAV1. Presence of bvcA gene indicates the potential for reductive dechlorination of VC to ethene. Absence of both bvcA and vcrA genes suggests VC may accumulate.
- **vcrA** – The vcrA gene encodes the vinyl chloride reductase enzyme responsible for reductive dechlorination of cDCE and VC by DHC strain VS. Presence of vcrA gene indicates the potential for reductive dechlorination of cDCE and/or VC to ethene. Absence of both bvcA and vcrA genes suggest VC may accumulate.

The microbial results indicate that DHC is present in the Source Area, Intermediate Zone, and Deep Zone treatment areas. Additionally, the presence of functional genes and reduction in COC concentrations, when compared to pre-injection levels in 2019, indicate that bioaugmentation is not warranted for the complete reductive dichlorination process to occur.

The populations of DHC and tceA and vinyl chloride reductase gene counts in Source Area wells appear healthy enough to support continued ERD. In the Deep Zone wells, there are lower counts of DHC populations and mostly non-detectable levels of functional genes. The Deep Zone wells could be targeted with amendment injections. For further explanation of Microbial Analysis see *Fiscal Year 2023 Groundwater Treatment, Well Installations, Monitoring, and Maintenance North Railroad Avenue Plume Superfund Site Española, New Mexico* (Intera, May 2024).

5.2.8 Air Sampling Results

NMED collected 8-hour air indoor air samples at two buildings (the former El Centro Family Health Center Annex building and the former Norge Town Dry Cleaner building) and 24-hour indoor air samples and sub-slab soil vapor samples at one building (the Las Cumbres Community Services building) around the SA/HS area in March 2022. In addition, outdoor air samples were collected at the former Norge Town Dry Cleaner and the Las Cumbres Community Services buildings.

The air and sub-slab soil vapor samples were collected in certified, pre-cleaned 6-liter Summa canisters equipped with 8-hour or 24-hour sample regulators and analyzed for target chlorinated Volatile Organic Compounds (cVOCs) by EPA Method TO-15 SIM (select ion monitoring). Analysis of the samples was performed by Eurofins TestAmerica in Knoxville, Tennessee. Indoor air and sub-slab soil vapor laboratory analytical results for the March 2022 sampling events are provided in Appendix D and summarized in Table 6.

PCE was detected in the indoor air sample from the former dry cleaner building at 7.6 micrograms per cubic meter ($\mu g/m^3$), which is below the indoor air PCE Vapor Intrusion Screening Level

(VISL) for commercial use (175 µg/m^3). At the former El Centro Family Health Center Annex building, an estimated concentration of PCE was detected above the MDL, but below the RL at 0.48 J µg/m^3. TCE, cDCE, and vinyl chloride were not detected above the MDLs.

At the Las Cumbres Community Services building, there were estimated concentrations of PCE detected above the MDL, but below the RL in the indoor air Classroom 1 sample (0.30 J µg/m^3), Classroom 2 (0.29 J µg/m^3), Classroom 3 (0.15 J µg/m^3), and the ambient air in the playground (0.10 J µg/m^3). All samples were below the PCE VISL for residential use (47 µg/m^3). TCE, cDCE, and vinyl chloride were not detected above the MDLs.

In April 2021, NMED installed a permanent sub-slab soil vapor monitoring point in Classroom 3 which monitors PCE concentrations beneath the building. PCE was detected (240 µg/m^3), but is below the target sub-slab soil vapor for residential use (360 µg/m^3). TCE had an estimated concentration (1.0 J µg/m^3) which is also below the target sub-slab soil vapor for residential use (16 µg/m^3). cDCE and vinyl chloride were not detected above the MDLs in the sub-slab soil vapor samples. The results of the March 2022 indoor air and sub-slab soil vapor sampling confirmed that PCE and TCE are not intruding into the building above residential VISLs; therefore, no further action is necessary to address sub-slab vapor at this time.

6 Conclusions and Recommendations

Based on evaluation of the groundwater monitoring data for this reporting period, the following conclusions are made for the North Railroad Avenue Plume (NRAP) Superfund Site:

- A passive sampling system, HYDRASleeve™, was used in the November 2022 groundwater sampling event to evaluate its effectiveness. A comparison sample was collected using low-flow purge/sampling methods at eight wells. The results of the comparison study showed that HydraSleeve samplers work well at most locations. However, low-flow volatile organic compounds (VOC) sample results are higher than Hydrasleeve sample results at monitoring wells located close to injection wells that have recently had groundwater treatment injections.

- The groundwater flow direction within the shallow, intermediate, and deep zones have remained relatively unchanged from previous events. Groundwater flows in the shallow and deep zone aquifers are to the south/southeast and southeast, respectively. Groundwater flows in the upper and lower intermediate zones are to the southeast.

- Based on historical water level measurements and groundwater analytical results, the lateral extent of shallow plume has been reduced and chlorinated solvent concentrations are decreasing throughout the shallow plume due to the Source Area pilot test amendment injections in early 2020. In November 2022, the contaminant mass decreased and remains lower than the 2019 pre-injection levels.

- The Enhanced Reductive Dechlorination (ERD) treatment has been effective at degrading tetrachloroethene (PCE) and its degradation by-products in the shallow aquifer downgradient of the Source Area/Hot Spot. The ERD treatment cycle is demonstrated by a sequential increase in the parent PCE daughter products (trichloroethene (TCE), cis-1,2-

dichloroethene (c-DCE), and vinyl chloride (VC)) followed by a sequential decrease in the same products. The ERD cycle of sequential increase-decrease of PCE daughter products indicates that biodegradation is occurring, and ERD treatment has reduced chlorinated volatile organic compounds (cVOCs) in the shallow aquifer. The continued presence of ethene indicates that complete dechlorination is sustained within the SA treatment zone. The presence of VC indicates complete ERD is occurring downgradient of the Source Area/Hot Spot treatment area.

- Biodegradation is occurring at the downgradient Biocurtain system and cVOCs are below the Site RGs south (downgradient) of the Santa Clara Bridge. However, due to a release from a separate off-site source to the east of the NRAP Site, PCE and TCE persist above the Site Remedial Goals (RGs) at the east side of the Biocurtain. The New Mexico Environment Department (NMED) has designated the groundwater contamination source to be the Calle Chavez Plume. Abatement actions are being conducted on the Calle Chavez Plume under the direct oversight of NMED. It is considered a separate plume not associated with the NRAP Superfund Site.

- In general, both PCE and TCE concentrations in groundwater samples collected from the intermediate wells have continued to decrease as of November 2022.

- In the Deep Zone, wells R-35 (D1) and R-35 (D2) were installed upgradient of R-29A (D1) and R-29 (D2U) in November 2022. From June 2021 to November 2022, the overall cVOC mass has changed with a decrease in PCE and an increase in TCE, DCE, and VC in the deep zone monitoring wells located approximately 40 feet of the injection wells. Results from the November 2022 sampling event continue to indicate that the highest cVOC concentrations in the deep aquifer occur around the R-29A (D1) and R-30 (D2U). Compared to the June 2021 analytical results, PCE concentrations have decreased in most samples collected from D2 zone. However, PCE increased from 44 µg/L to 120 µg/L in R-30 (D2U).

- Dissolved metals are monitored for comparison to EPA SDWA and NMWQCC standards. Sampling results within and down gradient of the treatment systems indicate an increase in both dissolved iron and manganese associated with the reduced (anaerobic) conditions created as the result of the ERD treatment process.

- Biogenic gas monitoring data indicates that observed wells after groundwater treatment events pose potential toxic or physical risks to workers when affected wells are uncapped. The site geology and well caps appear to be effective in preventing risks to the public from biogenic gases, and risks to workers are expected to attenuate over time as treatment amendments are consumed. In the meantime, precautions such as securing wells to avoid disturbance by the public and screening for gases before work activities should continue.

- All indoor air samples were below the PCE Vapor Intrusion Screening Level (VISL) for commercial use at the former El Centro Family Health Center Annex building and the former Norge Town Dry Cleaner building. PCE was below the VISL for residential use at the Las Cumbres Community Services building. TCE, cDCE, and VC were not detected in the indoor air samples.

- PCE was below the target sub-slab soil vapor for residential use at the Las Cumbres Community Services building. TCE had an estimated concentration but is below the target sub-slab soil vapor for residential use. The results of the March 2022 indoor air and sub-slab soil vapor sampling confirmed that PCE and TCE are not intruding into the building above residential VISLs. cDCE and VC were not detected.

Based on these findings, NMED recommends the following:

- Shallow Zone. Expand the treatment area by installing and injecting amendments into the Directional Injection Enhancements wells and continue monitoring to determine the effectiveness of treatments in further reducing contaminant concentrations within these aquifer zones.

- Intermediate and Deep Zones. Conduct additional Enhanced Treatment Strategy (ETS) injections at targeted locations in the Intermediate and Deep Zones and continue monitoring to determine the effectiveness of treatments in further reducing contaminant concentrations within these aquifer zones. An additional monitoring well southwest of R-30 (D2U) is likely necessary to delineate the plume and to help investigate the increasing trend for PCE at R-30 (D2U).

- Continue the comparison study between the passive sampling system, HYDRASleeve™ and low-flow purge/sampling methods at selected wells. It is recommended to determine which monitoring wells should be sampled using HydraSleeve or low-flow purge/sampling methods based on deviated VOC results at recently treated injection wells.

- Workers should secure wells to avoid disturbance by the public and screen for gases before continuing work activities. The site geology and well caps appear to be effective in preventing risks to the public from biogenic gases, and risks to workers are expected to attenuate over time as treatment amendments are consumed.

- Maintain current annual groundwater sampling schedule and monitoring well network. Ongoing evaluation of the monitoring well network will be conducted to eliminate redundancy of data and determine if wells continue to supply useful data for evaluating remedial progress.

- Maintain current air sampling schedule and locations. Ongoing air sampling is recommend because it is used to determine human exposure to harmful chemicals from site COCs, and is important in assessing human health risk.

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Tables

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Table 1 – Groundwater Monitor Well Information

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
Shallow and Intermediate Background Wells										
R-01(S1)	2	13.5	4.0 - 14.0	5	HydraSleeve	no				shallow aquifer upgradient background well
R-01(S2)	2	23.3	13.3 - 23.3	4	HydraSleeve	no	x			monitors shallow aquifer background water quality conditions
R-01(I2)	2	109.1	95.0 - 110.0	24	HydraSleeve	no	x			intermediate aquifer upgradient background well
Shallow Aquifer - Source Area										
SMW-1S	2	22.5	7.5 - 22.5	7.5						not sampled
SMW-1D	2	31	26-31	5.75	HydraSleeve	yes		x		monitors source area remediation progress
SMW-2S	2	?	??	?						not sampled
SMW-2D	2	25	20-25		HydraSleeve	yes		x	x	monitors source area remediation progress
SMW-3S	2	21	6 - 21	7.5	HydraSleeve	yes		x		monitors source area remediation progress
SMW-3D	2	29	24 - 29	5.25	HydraSleeve /low flow	yes		x	x	monitors source area remediation progress
SMW-4S	2	16.5	6.5 - 16.5	5	HydraSleeve	yes				monitors source area remediation progress
SMW-4D	2	25	20 - 25	4.5	HydraSleeve	yes				monitors source area remediation progress
SMW-5S		18	8-18	5.5						not sampled
SMW-5D	2	25.5	20.5 - 25.5	4.75	HydraSleeve	yes	x	x		monitors source area remediation progress
SMW-6S	2	17	7- 17	5						not sampled
SMW-6D	2	26	21 - 26	5	HydraSleeve	yes				monitors source area remediation progress

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
SMW-7D	2	26	21 - 26	5	HydraSleeve	yes				monitors source area remediation progress
SMW-8D	2	33	23 - 33	5	peristaltic	yes	x	x		monitors source area remediation progress
SMW-9D	2	32.4	22 - 32	5	Peristaltic	yes	x	x		monitors source area remediation progress
EWMW-4B	4	28.5	18 - 28.0	35	HydraSleeve	no				monitors remediation progress at Source Area - Historic rapid changes observed
R-28	4	33	8 - 33	50	HydraSleeve	no				monitors plume boundary downgradient of Source Area treatment
Shallow Aquifer - Hotspot										
EWMW-2	4	28.0	17.5 - 28.0	41	HydraSleeve	no	x			monitors side gradient plume expansion associated w/ Hotspot treatment - increasing metals concentrations
EWMW-3	4	21.96	11.5 - 22.0	32	HydraSleeve	no				monitors side gradient plume associated w/ Hotspot treatment- historic COC variability
Shallow Aquifer - between Hotspot & Biocurtain										
SMW-29D	2	35	30 - 35	-	HydraSleeve	yes	x		x	monitors treatment area in southeastern portion of Source Area
EX-09	2	13.7	5 - 13.0	3	HydraSleeve	no				shallow aquifer boundary definition well
EX-13	2	13.3	5 - 13.2	3	HydraSleeve	no	x			monitors remediation progress downgradient of Hotspot treatment area; significant increase in daughter products since remediation began; increasing metals observed
EX-16	lost well	17.96		6		no				monitors remediation progress downgradient of Hotspot treatment

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
										area; monitoring residual daughter products since remediation began
EX-17	lost well	11.67		2		no				
R-24(S2)	2	24.7	9.8 - 24.4	10	HydraSleeve	no	x			monitors remediation progress and metals downgradient of Hotspot treatment area - fluctuating VOC and increasing metals conc. observed
R-25(S2)	2	25.2	10 - 25	10	HydraSleeve/peristaltic	no	x			monitors remediation progress downgradient of Hotspot treatment area; monitoring residual daughter products since remediation began; increasing metals conc. observed
R-03(S2)	2	24.67	14.0 - 23.9	9	HydraSleeve	no				shallow aquifer boundary definition well
R-09(S1)	2	16.77		5	HydraSleeve	no				shallow aquifer boundary definition well
R-12(S1)	2	19.9	9 - 19	6	HydraSleeve	no				monitors central portion of shallow plume upgradient of Biocurtain
Shallow Aquifer - Biocurtain										
BC-6	2	28.4	9.0 - 29.0	12	HydraSleeve	no				monitors remediation progress within Biocurtain - recent increase in concentrations
BC-7S	2	17	7 - 17	5	HydraSleeve	no				upgradient of Biocurtain system
BC-7D	2	25.5	20.5 - 25. 5	4.75	HydraSleeve	no				upgradient of Biocurtain system
R-04(S2)	2	27.94	18.0 - 28.0	10	peristaltic	no	x			monitors remediation within Biocurtain treatment area
R-08(S2)	2	22.92	13.0 - 23.0	6	HydraSleeve	no				monitors side gradient impacts from Biocurtain treatment area
R-08A(S2)	1.5	43.2	32.5 - 42.5	12	HydraSleeve	no				assess contaminant extent and concentrations within the shallow

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
										Tesuque formation in the southern portion of the plume
R-26(S2)	2	40	15 - 40	16	HydraSleeve	no				monitors remediation at edge Biocurtain treatment area
R-27(S2)	2	39.3	20 - 35 (5' sump)	16	HydraSleeve	no				monitors remediation within Biocurtain treatment area
Shallow Aquifer - Downgradient of Biocurtain										
R-05(S2)	2	28.07	18.0 - 28.0	8	HydraSleeve	no	x			monitors remediation progress and plume migration downgradient of Biocurtain - recent increase in VC & metals
R-06(S1)	lost well	?	5.0 - 15.0			no				
R-06(S2)	2	25.0	15.0 - 25.0	3	HydraSleeve	no				monitors downgradient plume boundary
R-07(S2)	Lost well	23.43	14.0 - 24.0	8		no				shallow aquifer boundary definition well
R-14(S2)	2	25.0	15 - 25	9	HydraSleeve	no				monitors remediation progress and plume migration downgradient of Biocurtain
R-16(S2)	2	30	20-30	9	HydraSleeve	no				monitors plume boundary along Rio Grande for potential surface water impacts
RDP-1	2"	12.4	?	0.4	bailer	no				monitors plume migration downgradient of Biocurtain
RDP-2	2"	8.9	?	0.3	bailer	no				monitors plume downgradient of Biocurtain
RDP-3	1.25"	9.1	?	0.5	bailer	no				monitors plume boundary and potential surface water impacts along Rio Grande
RDP-4	lost well	10.1	?	0.5	bailer	no				monitors plume boundary and potential surface water impacts along Rio Grande

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
Intermediate Zone Aquifer Wells										
EWMW-1	4	59.0	48.5 – 59.0	108	HydraSleeve	no				monitors potential migration/impacts to intermediate zone below Source Area
EWMW-4A	4	58.0	47.5 - 57.5	56	HydraSleeve	no	x			monitors potential migration/impacts to intermediate zone below Source Area
R-03(I1)	2	85.12	70.0 - 85.0	21	HydraSleeve	no				intermediate aquifer boundary definition well
R-03(I2)	2	108	93.0 - 108.0	25	HydraSleeve	no				intermediate aquifer boundary definition well
R-04(I2)	2	95.0	80.0 - 95.0	23	HydraSleeve	no	x			monitors potential migration/impacts on intermediate zone from Biocurtain treatment
R-08(I2)	2	95.0	80.0 - 95.0	23	HydraSleeve/Monsoon	yes				monitors southern portion of intermediate plume
R-08A(I1)	2	60.3	50 - 60	15	HydraSleeve	yes				assess contaminant extent and concentrations within the shallow Tesuque formation in the southern portion of the plume
R-09(I1)	2	70.17	54.5 - 69.5	19		yes				Injection well as of 2021 – not sampled
R-09(I2)	2	103.15	90-100 (5' sump)	24		yes				Injection well as of 2021 – not sampled
R-10(I1)	2	88	73.0 - 88.0	22	HydraSleeve	no				intermediate aquifer boundary definition well
R-10(I2)	2	134.1	118.0 - 133.0	27	HydraSleeve	no				intermediate aquifer boundary definition well
R-11(I1)	2	70	55.0 - 70.0	17	HydraSleeve	no				intermediate aquifer boundary definition well
R-11(I2)	2	98	83.0 - 98.0	22	HydraSleeve	no				intermediate aquifer boundary definition well
R-12(I1)	2	~71.7	43 - 63 (10' sump)	18	HydraSleeve	no				intermediate aquifer boundary definition well

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
R-12(I2)	lost well	97	82 - 92 (5' sump)							intermediate aquifer boundary definition well
R-13(I2)	2	98	83 - 98	-	HydraSleeve	no				monitors leading edge of intermediate plume - increasing PCE concentrations observed
R-23(I1)	2	65	50 - 65	-	HydraSleeve	no				intermediate aquifer boundary definition well
R-29(I1)	7.5	-	53 - 58	-	FLUTe	no				FLUTe well port monitors northern intermediate zone
R-29(I2)	7.5	-	90 - 95	-	FLUTe	yes				FLUTe well port monitors northern intermediate zone
R-29A(I1)	2	60.3	40 - 60	-	HydraSleeve	yes	x			Installed adjacent to R-29 due to complications with FLUTe well installation
R-30(I1)	3	255.4	55.8 - 60.7	-	FLUTe	no				FLUTe well port monitors western intermediate zone
R-30(I2)	3	255.4	80.7 - 85.6	-	FLUTe	no				FLUTe well port monitors western intermediate zone
R-31(I1)	2	95.3	75 - 95	-	HydraSleeve	no				monitors western intermediate zone plume
R-31(I2)	2	131.3	111 - 131	-	HydraSleeve	no				monitors western intermediate zone plume
R-32(I1)	2	80.3	65 - 80	-	HydraSleeve	no				monitors southern intermediate zone plume
R-32(I2)	2	98.8	88.5 - 98.5	-	HydraSleeve	no				monitors southern intermediate zone plume
R-33(I1)	2	60.4	45 - 60	-	HydraSleeve	no				Intermediate aquifer boundary definition well
R-33(I2)	2	97.9	87.5 - 97.5	-	HydraSleeve	no				Intermediate aquifer boundary definition well
R-34(I1)	4	58.9	43.5-58.9	-	HydraSleeve	yes				monitors intermediate zone plume core
R-34(I2)	4	84.9	64.5-84.9	-	HydraSleeve	yes				monitors intermediate zone plume core

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
DM-1(I1)	2	71.5	51.5 - 71.5	-	HydraSleeve	no	x			monitors intermediate aquifer near former injection location
DM-2(I1)	2	71	51.5 - 71.5	-	HydraSleeve	no				monitors intermediate aquifer near former injection location
Deep Zone Aquifer Wells										
DI-1(D1)	3	190	170 -190	84						deep zone injection well - dropped from sampling program
DI-1(D2)	3	266	226 - 266	112						
DI-2(D1)	3	192	156 - 192	83						deep zone injection well - dropped from sampling program
DI-2(D2)	3	260	235 - 260	110	HydraSleeve	yes				monitors deep zone remediation progress within the ERD injection well
R-09(D1)	2	190.3	175 - 190	36		yes				injection well as of 2021 – not sampled
R-15	2	205	185-205							deep zone injection well - dropped from sampling program
R-21	2	238	213 - 238	43	HydraSleeve	yes				monitors deep zone remediation progress within the ERD injection well
R-08(D1)	2	190	175 - 190	-	HydraSleeve	no				deep aquifer boundary definition well
M-09	3	191	166 - 191	91	HydraSleeve/Monsoon	yes	x		x	monitors deep zone remediation progress at nearby monitor well
R-09(D2)	4	264.8 (261.3) mud 254	242 - 252	178		yes				injection well as of 2021 – not sampled
R-09(D3)	4	357	342.0 - 357.0	244	HydraSleeve	no				vertical definition well in D3 of deep zone
R-10(D2)	4	258	244.0 - 259.0	180	HydraSleeve	no				deep aquifer boundary definition well
R-12(D1)	2	185	170.0 - 185.0	-	HydraSleeve	no				monitors eastern downgradient edge of deep zone

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
R-12(D2)	4	260	243 - 258	180	HydraSleeve	no				deep aquifer boundary definition well
M-12	3	195	165 - 195	-	HydraSleeve	no	x			monitors SE portion of deep zone plume outside of treatment well influence
M-15	3	205	185 - 205	91	HydraSleeve /Monsoon	R-15(D1)	x			monitors deep zone remediation progress at nearby monitor well
R-17(D1)	2	224	200 - 220	42	HydraSleeve	no				deep aquifer boundary definition well
R-18(D1)	2	232	217 - 232	41	HydraSleeve	no				deep aquifer boundary definition well
R-19(D1)	2	227	207 - 222	40	HydraSleeve	no				deep aquifer boundary definition well
R-20(D1)	2	230	210 - 225	-	HydraSleeve	DI-1(D2)				monitors potential source area remediation effects on the deep zone
R-29(D2U)	7.5	?	229 - 234	-	FLUTe	yes				FLUTe well port monitors northern deep zone
R-29A(D1)	2	165.3	150 - 165	27	HydraSleeve/Monsoon	yes	x	x	x	Installed adjacent to R-29 due to complications with FLUTe well installation
R-30(D1U)	3	255.4	105.6 - 110.4	-	FLUTe	yes				FLUTe well port monitors western deep zone
R-30(D1L)	3	255.4	130.4 - 135.3	-	FLUTe	no				FLUTe well port monitors western deep zone
R-30(D2U)	3	255.4	193.3 - 200.2	-	FLUTe	yes				FLUTe well port monitors western deep zone
R-30(D2L)	3	255.4	240.1 - 245	-	FLUTe	no				FLUTe well port monitors western deep zone
R-32(D2)	4	252.4	237 - 252	-	HydraSleeve	no				deep aquifer boundary definition well
R-34(D2)	4	265.4	245-265	174	HydraSleeve/Grundfos	yes	x			monitors core of deep zone plume

Well ID	Well Diameter (inches)	Total Depth (ft. BTOC)	Screen Interval	Est. Purge volume (gal)	Purge Method	Exceeds MCLs	Dissolved Metals	TOC and/or dissolved gases*	Biological parameters (DNA/qprc)*	Data quality objective
M-20	3	227	202 - 227	-	HydraSleeve	DI-1(D2)	x			monitors potential source area remediation effects on the deep zone
M-21	3	229.5	215 - 230	91		R-21				well not representative of COC conc. in surrounding aquifer
R-22	2	227	205 - 220 (10' sump)	42	HydraSleeve	no				deep aquifer boundary definition well
DM-1(D1)	3	194	175 - 195	-	HydraSleeve	DI-1(D2)	x			monitors deep zone remediation progress at nearby monitor well
DM-1(D2)	3	262	230 - 265	-	HydraSleeve	DI-1(D2)				monitors deep zone remediation progress at nearby monitior well
DM-2(D1)	3	184	155.5 - 185.5	-	HydraSleeve	DI-2(D1)	x	x	x	monitors deep zone remediation progress at nearby monitor well
DM-2(D2)	3	258	230 - 260	-	HydraSleeve	DI-2(D2)	x			monitors deep zone remediation progress at nearby monitor well
Private / Public Supply Wells										
SCTW-2	2				Tap	no				well no longer in use, dropped from sampling program
Cook Estate					Outside Tap	no				well used for irrigation - fluctuating PCE/TCE concentrations observed

-- Wells sampled annually by NMED

-- Wells also sampled by NMED's contractor for additional ERD performance monitoring parameters

-- Wells sampled on a triennial schedule (next scheduled to be sampled in 2024)

Table 2 – Groundwater Elevation Data

WELL ID	TOTAL DEPTH (ft below TOC)	TOC ELEVATION (ft above MSL)	DEPTH TO WATER - OCTOBER 2022	
			ft below TOC	ft above MSL
BC-6	28.4	5586.37	NM	
BC-7S	17.4	5582.69	NM	
BC-7D	25.5	5582.53	NM	
DI-1(D1)*	190.0	5590.13	NM	
DI-1(D2)*	258.0	5589.74	NM	
DI-1(I1)*	71.0	5590.20	12.16	5578.04
DI-2(D1)*	190.0	5589.51	NM	
DI-2(D2)*	258.0	5589.48	NM	
DI-2(I1)*	73.0	5589.46	11.32	5578.14
DM-1(D1)*	194.0	5589.35	34.04	5555.31
DM-1(D2)*	262.0	5589.72	39.93	5549.79
DM-1(I1)*	71.0	5589.73	11.56	5578.17
DM-2(D1)*	184.0	5589.24	33.71	5555.53
DM-2(D2)*	258.0	5588.86	40.77	5548.09
DM-2(I1)*	71.0	5589.03	10.95	5578.08
EWMW-1*	60.7	5585.33	6.80	5578.53
EWMW-2	28.2	5585.80	7.45	5578.35
EWMW-3	22.0	5585.01	6.63	5578.38
EWMW-4A*	60.2	5585.28	6.75	5578.53
EWMW-4B	28.3	5585.31	7.34	5577.97
EX-09	13.7	5586.44	8.14	5578.30
EX-11	13.8	5586.24	8.22	5578.02
EX-13	13.6	5585.25	7.55	5577.70
EX-15	13.4	5587.01	8.68	5578.33
EX-16	18.0	5585.72	NM	
M-09*	191.0	5585.00	31.59	5553.41
M-12*	195.0	5583.95	31.30	5552.65
M-15*	205.0	5585.31	31.56	5553.75

WELL ID	TOTAL DEPTH (ft below TOC)	TOC ELEVATION (ft above MSL)	DEPTH TO WATER - OCTOBER 2022	
			ft below TOC	ft above MSL
M-20*	227.0	5589.43	40.15	5549.28
M-21*	229.0	5587.20	NM	
PAS-MW01	23.3	5587.57	NM	
PAS-MW02	28.3	5584.55	NM	
PAS-MW03	23.3	5583.12	NM	
R-01(I2)*	109.1	5586.10	NM	
R-01(S1)	14.0	5585.83	7.33	5578.50
R-01(S2)	21.3	5585.79	7.27	5578.52
R-03(I1)*	85.1	5583.93	NM	
R-03(I2)*	108.0	5583.82	NM	
R-03(S2)	24.7	5583.66	NM	
R-04(I2)*	96.9	5586.80	12.12	5574.68
R-04(S2)	27.9	5586.59	10.59	5576.00
R-05(S2)	28.1	5587.57	NM	
R-06(S1)	15.0	5580.95	NM	
R-06(S2)	24.1	5580.94	NM	
R-07(S2)	23.4	5580.06	NM	
R-08(D1)*	192.3	5588.28	35.88	5552.40
R-08(I2)*	96.1	5588.70	11.97	5576.73
R-08(S2)	22.9	5588.07	11.68	5576.39
R-08A(I1)*	60.3	5588.91	12.24	5576.67
R-08A(S2)	43.2	5588.85	12.39	5576.46
R-09(D1)*	190.3	5585.86	32.92	5552.94
R-09(D2)*	264.8	5586.28	39.34	5546.94
R-09(D3)*	357.0	5586.35	40.84	5545.51
R-09(I1)*	70.2	5586.28	8.80	5577.48
R-09(I2)*	103.2	5587.45	NM	
R-09(S1)	16.8	5587.06	NM	
R-10(D2)*	258.0	5586.74	40.17	5546.57

WELL ID	TOTAL DEPTH (ft below TOC)	TOC ELEVATION (ft above MSL)	DEPTH TO WATER - OCTOBER 2022	
			ft below TOC	ft above MSL
R-10(I1)*	88.0	5586.90	12.13	5574.77
R-10(I2)*	134.1	5587.41	30.97	5556.44
R-11(I1)*	70.0	5598.14	18.80	5579.34
R-11(I2)*	98.0	5597.54	19.72	5577.82
R-12(D1)*	189.0	5583.61	32.58	5551.03
R-12(D2)*	258.0	5583.99	36.48	5547.51
R-12(I1)	71.2	5585.63	6.75	5578.88
R-12(I2)	95.5	5586.70	NM	
R-12(S1)	19.9	5585.96	8.73	5577.23
R-13(I2)*	98.0	5586.38	9.15	5577.23
R-14(S2)	24.2	5586.33	NM	
R-15(D1)*	205.0	5584.94	28.98	5555.96
R-16(S2)	30.0	5587.62	NM	
R-17(D1)*	224.0	5593.18	40.07	5553.11
R-18(D1)*	232.0	5611.49	40.28	5571.21
R-19(D1)*	227.0	5607.73	37.47	5570.26
R-20(D2)*	230.0	5589.32	37.58	5551.74
R-21(D2)*	238.0	5589.80	41.61	5548.19
R-22(D2)*	227.0	5588.59	34.98	5553.61
R-23(I1)*	65.0	5585.97	7.49	5578.48
R-24(S2)	24.7	5585.38	7.25	5578.13
R-25(S2)	25.2	5585.83	7.91	5577.92
R-26(S2)	40.0	5587.06	10.76	5576.30
R-27(S2)	39.3	5587.22	11.29	5575.93
R-28(S2)	33.0	5586.16	7.79	5578.37
R-29A(I1)*	60.3	5586.95	8.82	5578.13
R-29A(D1)*	165.3	5586.85	31.36	5555.49
R-29 (I1)*	NA	5586.68	NM	
R-29 (I2)*	NA	5586.68	NM	

WELL ID	TOTAL DEPTH (ft below TOC)	TOC ELEVATION (ft above MSL)	DEPTH TO WATER - OCTOBER 2022	
			ft below TOC	ft above MSL
R-29 (D2U)*	NA	5586.68	NM	
R-30 (I2)*	255.4	5590.07	NM	
R-30 (D1U)*	255.4	5590.07	NM	
R-30 (D1L)*	255.4	5590.07	NM	
R-30 (D2U)*	255.4	5590.07	NM	
R-30 (D2L)*	255.4	5590.07	NM	
R-31(I1)*	95.3	5604.20	26.30	5577.90
R-31(I2)*	131.3	5604.23	26.65	5577.58
R-32(I1)*	80.3	5592.11	15.34	5576.77
R-32(I2)*	98.8	5592.13	15.18	5576.95
R-32(D2)	252.4	5592.56	40.96	5551.60
R-33(I1)*	60.4	5588.56	12.33	5576.23
R-33(I2)*	97.9	5588.42	11.84	5576.58
R-34(I1)	58.9	5585.64	8.50	5577.14
R-34(I2)	84.9	5585.25	8.32	5576.93
R-34(D2)	265.4	5586.36	38.91	5547.45
RDP-01	12.4	5584.45	NM	
RDP-02	8.9	5579.93	NM	
RDP-03	9.1	5580.70	NM	
RDP-04	9.1	5580.70	NM	

Notes:
* = updated TOC elevation
ft = feet
MSL = mean sea level
NM = not measured
TOC = top of casing

Table 3 – Historical Groundwater Analytical Results (2012-2022) – VOCs

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
EWMW-1		6/4/2021	<0.24	<0.22	<0.19	<0.18	<0.58
EWMW-1		11/3/2022	<0.48	<0.54	<0.62	<0.52	<0.82
EWMW-2	F5H00	3/21/2012	<0.5	<0.5	<0.5	3.9	<0.5
EWMW-2	F5H60	3/21/2012	<0.5	<0.5	<0.5	4.0	<0.5
EWMW-2	F7BE2	4/24/2013	<0.5	0.11 LJ	<0.5	3.1	0.22 LJ
EWMW-2		6/11/2014	<1.0	<1.0	<1.0	10.6	<1.0
EWMW-2	1506003-01	6/1/2015	<1.0	<1.0	5.9	11.1	**27.9**
EWMW-2	F1C02	6/9/2016	<0.5	0.44 LJ	**170.0**	15.0	**120.0**
EWMW-2		6/7/2017	1.2	3.6	**76.5**	16.4	**101.0**
EWMW-2		4/30/2018	<1.0	<1.0	<1.0	2.4	<1.0
EWMW-2		5/6/2019	<1.0	<1.0	1.5	2.8	1.3
EWMW-2		6/2/2020	<1.0	<1.0	0.78 J	4.4	<1.0
EWMW-2		6/4/2021	<0.24	0.22 J	0.61 J	1.7	1.8 J
EWMW-2		11/8/2022	<0.48	<0.54	<0.62	1.1 J	<0.82
EWMW-3	F5H01	3/19/2012	<0.5	<0.5	0.08 LJ	0.16 LJ	0.13 LJ
EWMW-3	F7BE3	4/22/2013	<0.5	<0.5	<0.5	0.11 LJ	<0.5
EWMW-3	1506003-02	6/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-3		5/1/2018	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-3		6/4/2021	<0.24	<0.22	0.99 J	<0.18	<0.58
EWMW-4A	F5H02	3/29/2012	<0.5	<0.5	<0.5	<0.5	<0.5
EWMW-4A	F7BE4	4/22/2013	<0.5	<0.5	<0.5	<0.5	<0.5
EWMW-4A		6/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A	1506003-03	6/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A	F1C06	6/7/2016	<0.5	<0.5	<0.5	<0.5	<0.5
EWMW-4A		6/12/2017	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A		4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A		5/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A		6/2/2020	<1.0	<1.0	<1.0	<1.0	<1.0
EWMW-4A		6/3/2021	<0.24	<0.22	<0.19	<0.18	<0.58
EWMW-4A		11/3/2022	<0.48	<0.54	<0.62	<0.52	<0.82
EWMW-4B	F5H03	3/28/2012	<5.0	<5.0	<5.0	25.0	<5.0
EWMW-4B	F7BE5	4/22/2013	<0.5	0.7	0.66	24.0	<0.5
EWMW-4B		6/11/2014	<1.0	<1.0	<1.0	6.5	<1.0
EWMW-4B	1506003-04	6/1/2015	<1.0	<1.0	<1.0	6.9	**3.2**
EWMW-4B	F1C15	6/7/2016	<0.5	0.4 LJ	<0.5	8.5	0.5
EWMW-4B		6/12/2017	<1.0	<1.0	<1.0	6.9	<1.0
EWMW-4B		4/30/2018	<1.0	<1.0	42.10	11.8	**18.6**
EWMW-4B		5/6/2019	<1.0	<1.0	46.00	19.5	**37.8**
EWMW-4B		6/2/2020	0.57 J	5.4	2.70	2.6	**<1.0**
EWMW-4B		6/3/2021	1.1	1.4	15	5.7	**32**
EWMW-4B		11/8/2022	<0.48	<0.54	2.0	2.0	**4.4 J**
EX-06	F5H04	3/20/2012	<0.5	<0.5	0.29 LJ	0.09 LJ	<0.5
EX-06 (Well Abandoned)	1304036-01	4/29/2013	<0.5	<0.5	0.80	<0.5	<0.5
EX-09	F5H05	3/20/2012	<0.5	<0.5	0.36 LJ	<0.5	<0.5
EX-09	1506008-01	6/3/2015	<1.0	<1.0	<1.0	<1.0	<1.0
EX-09		5/2/2018	<1.0	<1.0	<1.0	<1.0	<1.0
EX-09	R-103(Dup)	5/2/2018	<1.0	<1.0	<1.0	<1.0	<1.0
EX-09		6/3/2021	<0.24	<0.22	0.2 J	<0.18	<0.58
EX-13	F5H06	3/22/2012	<0.5	<0.5	0.23 LJ	1.0	1.8
EX-13	F7BE7	4/25/2013	<0.5	<0.5	0.24 LJ	0.9	1.9
EX-13		6/12/2014	<1.0	<1.0	<1.0	1.0	**2.6**
EX-13	1506005-03	6/2/2015	<1.0	<1.0	<1.0	<1.0	**2.9**
EX-13	F1C03	6/13/2016	<0.5	0.12 LJ	0.20 LJ	0.49 LJ	1.2

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
EX-13		6/7/2017	<1.0	<1.0	<1.0	<1.0	1.4
EX-13		5/3/2018	<1.0	<1.0	<1.0	<1.0	1.4
EX-13		5/7/2019	<1.0	<1.0	<1.0	<1.0	1.4
EX-13	R-101(Dup)	5/7/2019	<1.0	<1.0	<1.0	<1.0	1.4
EX-13	R-101(Dup)	6/1/2020	<1.0	<1.0	<1.0	<1.0	0.62 J
EX-13		6/1/2020	<1.0	<1.0	<1.0	<1.0	0.6 J
EX-13		5/28/2021	0.25 J	0.33 J	0.52 J	<0.18	<0.58
EX-13		11/3/2022	<0.48	<0.54	<0.62	<0.52	1.5 J
EX-14	F5H07	3/20/2012	1.4	0.32 LJ	0.15 LJ	<0.5	<0.5
EX-14	F7BE8	4/24/2013	3.0	0.23 LJ	<0.5	<0.5	<0.5
EX-14 (Well Abandoned)		6/12/2014	1.6	<1.0	<1.0	<1.0	<1.0
EX-16	F5H08	3/22/2012	<0.5	<0.5	<0.5	0.80	**1.2**
EX-16	F5H61	3/22/2012	<0.5	<0.5	<0.5	0.84	**1.3**
EX-16	1304036-0	4/29/2013	<0.5	<0.5	<0.5	0.60	<0.5
EX-16		6/12/2014	<1.0	<1.0	<1.0	<1.0	<1.0
EX-16	1506005-04	6/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0
EX-16	F1C21	6/9/2016	<0.5	0.1 LJ	0.33 LJ	0.18 LJ	0.5
EX-16		6/8/2017	<1.0	<1.0	<1.0	<1.0	<1.0
EX-16		5/2/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(I2)	F5H10	3/21/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-01(I2)	1506008-04	6/3/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(I2)		4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(I2)		6/2/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-01(S1)		6/2/2015	ND	ND	ND	ND	ND
R-01(S1)		4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S1)		6/1/2021	0.60 J	<0.22	<0.19	<0.18	<0.58
R-01(S2)	F5H09	3/21/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-01(S2)	F7BF6	4/24/2013	0.08 LJ	<0.5	<0.5	<0.5	<0.5
R-01(S2)		6/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)	1506005-06	6/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)	F1C01	6/7/2016	0.32 LJ	<0.5	<0.5	<0.5	<0.5
R-01(S2)		6/7/2017	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)		4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)	R-101(Dup)	4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)		5/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-01(S2)		6/1/2021	0.38 J	<0.22	<0.19	<0.18	<0.58
R-01(S2)		11/4/2022	0.55 J	<0.54	1.7 J	<0.52	<0.82
R-03(I1)	F5H12	3/21/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-03(I1)	1506011-03	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(I1)		5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(I1)		5/26/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-03(I2)	F5H13	3/21/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-03(I2)	1506011-04	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(I2)		5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(I2)	R-104(Dup)	5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(I2)		5/26/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-03(S2)	F5H11	3/21/2012	0.24 LJ	0.48 LJ	0.27 LJ	<0.5	<0.5
R-03(S2)	1506011-05	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(S2)		5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-03(S2)		5/26/2021	<0.24	2.7	0.61 J	0.19 J	<0.58
R-04(I2)	F5H15	3/27/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-04(I2)	F7BF7	4/23/2013	<0.5	<0.5	<0.5	<0.5	<0.5
R-04(I2)		6/16/2014	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)	1506014-05	6/8/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)	F1C07	6/9/2016	<0.5	<0.5	<0.5	<0.5	<0.5

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-04(I2)		6/8/2017	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)		5/22/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)		5/14/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)		6/8/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-04(I2)		5/25/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-04(I2)		11/2/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-04(S2)	F5H14	3/27/2012	<0.5	0.16 LJ	8.9	7.6	0.47 LJ
R-04(S2)	F7BF8	4/23/2013	<0.5	1.2	7.4	8.5	0.24 LJ
R-04(S2)		6/16/2014	<1.0	1.4	9.5	10.4	<1.0
R-04(S2)	1506014-06	6/8/2015	<1.0	1.9	8.4	11.0	**1.2**
R-04(S2)	F1C04	6/9/2016	0.9	2.7	7.7	8.3	0.3 LJ
R-04(S2)		6/12/2017	<1.0	<1.0	6.1	5.4	<1.0
R-04(S2)		5/15/2018	<1.0	2.1	3.8	3.6	<1.0
R-04(S2)	R-105(Dup)	5/15/2018	<1.0	1.9	3.6	3.3	<1.0
R-04(S2)		5/8/2019	<1.0	1.2	4.3	4.3	<1.0
R-04(S2)		6/8/2020	<1.0	1.0	4.5	3.8	<1.0
R-04(S2)		5/25/2021	0.61 J	1.3	3.4	2.9	<0.58
R-04(S2)		11/3/2022	0.94 J	2.9	3.3	2.3	<0.82
R-05(S2)	F5H16	3/26/2012	1.6	2.5	2.6	6.1	**7.0**
R-05(S2)	F7BF9	4/23/2013	1.0	2.0	4.6	7.2	**7.0**
R-05(S2)		6/17/2014	<1.0	1.2	2.2	5.8	**1.1**
R-05(S2)	Dup R-41	6/17/2014	<1.0	1.2	2.2	5.8	**1.1**
R-05(S2)	1506018-17	6/10/2015	<1.0	<1.0	6.1	2.0	**1.4**
R-05(S2)	F1C05	6/21/2016	<0.5	0.7	2.2	4.4	**1.1**
R-05(S2)		6/15/2017	<1.0	<1.0	1.5	2.2	<1.0
R-05(S2)		5/24/2018	<1.0	<1.0	2.5	3.9	1.1
R-05(S2)		5/22/2019	<1.0	<1.0	2.2	1.8	<1.0
R-05(S2)		6/11/2020	<1.0	<1.0	3.0	3.2	0.66 J
R-05(S2)		5/25/2021	<0.24	0.30 J	3.0	2.4	<0.58
R-06(S2)	F5H17	3/26/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-06(S2)	F7BG0	4/23/2013	0.068 LJ	0.82 LJ	<0.5	<0.5	<0.5
R-06(S2)		6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0
R-06(S2)	1506018-18	6/10/2015	<1.0	<1.0	<1.0	1.1	<1.0
R-06(S2)		5/24/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-06(S2)		5/22/2019	<1.0	<1.0	1.1	1.3	<1.0
R-06(S2)		6/11/2020	<1.0	<1.0	0.83 J	0.63 J	<1.0
R-06(S2)		5/25/2021	0.29 J	0.39 J	1.2	0.93 J	<0.58
R-06(S2)		11/9/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-08(D1)	F5H21	3/22/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-08(D1)	1506008-05	6/3/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(D1)		5/1/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(D1)		5/7/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(D1)		6/9/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(D1)		5/26/2021	0.32 J	<0.22	<0.19	<0.18	<0.58
R-08(D1)		11/3/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-08(I2)	F5H20	3/22/2012	3.0	3.1	0.54	<0.5	<0.5
R-08(I2)	F7BG1	4/23/2013	4.1	3.7	0.71	0.17 LJ	<0.5
R-08(I2)		6/12/2014	**5.7**	4.7	<1.0	<1.0	<1.0
R-08(I2)	1506018-08	6/9/2015	**8.0**	**5.7**	<1.0	<1.0	<1.0
R-08(I2)	F1C34	6/16/2016	**12.0**	**5.6**	0.66	<0.5	<0.5
R-08(I2)	F1C46 (Dup R-41)	6/16/2016	**11.0**	**5.4**	0.7	<0.5	<0.5
R-08(I2)		6/8/2017	**17.4**	**8.0**	<1.0	<1.0	<1.0
R-08(I2)		5/1/2018	**18.2**	**7.3**	<1.0	<1.0	<1.0
R-08(I2)	R-102 (Dup)	5/1/2018	**16.9**	**7.3**	<1.0	<1.0	<1.0
R-08(I2)		5/7/2019	**26.0**	**9.3**	<1.0	<1.0	<1.0
R-08(I2)		6/9/2020	**31.0**	**14.0**	1.2	<1.0	<1.0
R-08(I2)		5/25/2021	**40**	**15**	1.5	0.28 J	<0.58

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-08(I2)	R-105(Dup)	5/25/2021	**43**	**16**	1.7	0.3 J	<0.58
R-08(I2)		11/3/2022	**25.0**	**11.0**	1.4 J	<0.52	<0.82
R-08(I2)	R-908(I2) (Dup)	11/3/2022	**23.0**	**11.0**	1.7 J	<0.52	<0.82
R-08(S2)	F5H19	3/22/2012	<0.5	<0.5	0.18 LJ	<0.5	<0.5
R-08(S2)	F7BG2	4/23/2013	<0.5	0.061 LJ	<0.5	<0.5	<0.5
R-08(S2)	1506018-09	6/9/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(S2)		5/15/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(S2)		1/17/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(S2)		5/7/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(S2)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-08(S2)		5/25/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-08A(I1)		1/14/2019	**18.0**	**7.0**	<1.0	<1.0	<1.0
R-08A(I1)	R-208 (Dup)	1/14/2019	**18.0**	**7.2**	<1.0	<1.0	<1.0
R-08A(I1)		5/7/2019	**17.5**	**9.5**	1.1	<1.0	<1.0
R-08A(I1)		6/9/2020	**18.0**	**13.0**	1.4	0.54 J	<1.0
R-08A(I1)		5/26/2021	**23**	**15**	1.9	0.81 J	<0.58
R-08A(I1)		11/3/2022	**6.3**	**7.5**	<0.62	<0.52	<0.82
R-09(D1)		9/11/2012	<1.0	<1.0	0.85 J	2.3	0.86 J
R-09(D1)	FLD Dup 3	9/11/2012	<1.0	<1.0	0.69 J	2.5	0.85 J
R-09(D1)		6/3/2014	<1.0	<1.0	5.2	<1.0	**1.1**
R-09(D1)	Duplicate 3	6/3/2014	<1.0	<1.0	5.7	<1.0	**1.2**
R-09(D1)		6/2/2015	<1.0	<1.0	2.6	<1.0	**1.3**
R-09(D1)		9/9/2016	<1.0	<1.0	0.36 J	1.3	0.78 J
R-09(D1)		6/6/2017	<1.0	<1.0	56.0	19.0	**12.0**
R-09(D1)		11/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0
M-09		9/12/2012	**730**	**43.0**	5.4	8.9	<5.0
M-09		4/30/2013	**460**	**58.0**	16	<5.0	<5.0
M-09		6/3/2014	**540**	**50.0**	15	3.7	**3.2**
M-09	Hall	6/2/2015	**480**	**53.0**	23	5.0	**4.0**
M-09	Hall	9/9/2016	**210**	**28.0**	5.4	2.6	**1.5**
M-09	M-101 Field Dup	9/9/2016	**220**	**30.0**	5.6	2.7	1.5
M-09		6/8/2017	**400**	**43.0**	4.3	1.6	0.99 J
M-09	M-101 Field Dup	6/8/2017	**410**	**45.0**	4.5	1.7	0.98 J
M-09		5/17/2018	**432**	**53.4**	8.1	1.3	1.3
M-09		9/18/2019	**310**	**12.0**	<1.0	<1.0	<1.0
M-09		6/3/2020	**300**	**45.0**	1.9	0.43 J	<1.0
M-09		6/4/2021	**270**	**33**	7.9	<0.90	**<2.9**
M-09		11/7/2022	**3.5**	**9.7**	21.0	1.9 J	**2.8 J**
M-09	M-909 (Dup)	11/7/2022	**<0.48**	**1.3 J**	<0.62	1.2 J	**<0.82**
R-09(D2)		9/12/2012	**47**	**6.7**	<5.0	<5.0	<5.0
R-09(D2)		6/19/2014	**51.3**	**7.3**	<1.0	<1.0	<1.0
R-09(D2)	1506022-08	6/11/2015	**58.6**	**8.8**	<1.0	<1.0	<1.0
R-09(D2)	1506022-12 dup	6/11/2015	**56.3**	**8.6**	<1.0	<1.0	<1.0
R-09(D2)		9/9/2016	**50**	**6.4**	0.35 J	<1.0	<1.0
R-09(D2)		6/8/2017	**58**	**6.8**	0.42 J	0.22 J	<1.0
R-09(D2)		5/17/2018	**57.7**	**7.3**	<1.0	<1.0	<1.0
R-09(D2)	R-106(Dup)	5/17/2018	**55.3**	**6.9**	<1.0	<1.0	<1.0
R-09(D2)		5/21/2019	**63.9**	**7.8**	<1.0	<1.0	<1.0
R-09(D2)	R-106(Dup)	5/21/2019	**69**	**8.7**	<1.0	<1.0	<1.0
R-09(D2)	R-109(Dup)	6/3/2020	**68**	**9.8**	<2.0	<2.0	<2.0
R-09(D2)		6/3/2020	**72**	**11.0**	<2.0	<2.0	<2.0
R-09(D2)		12/17/2021	<2.0	<2.0	2.5	<2.0	<2.0
R-09(D3)	F5H25	3/21/2012	0.44 LJ	<0.5	<0.5	<0.5	<0.5
R-09(D3)	1506011-06	6/4/2015	0.44 LJ	<1.0	<1.0	<1.0	<1.0
R-09(D3)		5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-09(D3)		6/1/2021	0.46 J	<0.22	<0.19	<0.18	<0.58
R-09(I1)	F5H23	3/28/2012	**52**	**15.0**	5.3	0.59 LJ	<5.0

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-09(I1)	130406-04	4/29/2013	**65**	**17.7**	7.3	0.9	<0.5
R-09(I1)		6/19/2014	**78.1**	**18.9**	9.1	<1.0	<1.0
R-09(I1)	1506028-04	6/16/2015	**101.0**	**22.7**	6.7	1.1	<1.0
R-09(I1)	F1C41	6/14/2016	**100.0**	**25.0**	8.0	1.5 LJ	<5.0
R-09(I1)		6/15/2017	**61.5**	**18.0**	12.8	1.3	<1.0
R-09(I1)		5/23/2018	**61.9**	**20.5**	12.8	1.7	<1.0
R-09(I1)		5/21/2019	**64.4**	**19.5**	15.8	1.8	<1.0
R-09(I1)		6/3/2020	**59.0**	**18.0**	14.0	1.7 J	<2.0
R-09(I1)		11/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0
R-09(I1)		11/9/2022	<2.0	<2.0	<2.0	<2.0	<2.0
R-09(I2)	F5H24	3/29/2012	**56.0**	**23.0**	1.5 LJ	<5.0	<5.0
R-09(I2)	130406-05	4/29/2013	**57.8**	**23.8**	1.7	<0.5	<0.5
R-09(I2)		6/24/2014	**61.9**	**22.3**	2.6	<1.0	<1.0
R-09(I2)	1506028-05	6/16/2015	**83.2**	**29.6**	2.7	<1.0	<1.0
R-09(I2)	F1C40	6/15/2016	**77.0**	**26.0**	2.9 LJ	<5.0	<5.0
R-09(I2)		6/14/2017	**69.1**	**23.0**	2.8	<1.0	<1.0
R-09(I2)		5/22/2018	**64.8**	**21.7**	4.1	<1.0	<1.0
R-09(I2)		5/21/2019	**48.4**	**16.6**	6.0	1.2	<1.0
R-09(I2)		6/3/2020	**51.0**	**20.0**	4.5	0.81 J	<1.0
R-09(S1)	F5H22	3/29/2012	0.31 LJ	0.27 LJ	0.21 LJ	<0.5	<0.5
R-09(S1)	1506022-09	6/11/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-09(S1)		5/14/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-09(S1)		6/4/2021	0.42 J	0.42 J	0.3 J	<0.18	<0.58
R-10(D2)	F5H28	3/20/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-10(D2)	1506005-07	6/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(D2)		5/3/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(D2)		5/24/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-10(I1)	F5H26	3/20/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-10(I1)	1506008-06	6/3/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(I1)		5/3/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(I1)		5/28/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-10(I2)	F5H27	3/20/2012	0.11 LJ	<0.5	<0.5	<0.5	<0.5
R-10(I2)	1506011-07	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(I2)		5/3/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-10(I2)		5/28/2021	0.28 J	<0.22	<0.19	<0.18	<0.58
R-11(I1)	F5H29	3/27/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-11(I1)	1506011-08	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-11(I1)		5/23/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-11(I1)		5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-11(I2)	F5H30	3/27/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-11(I2)	1506011-09	6/4/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-11(I2)		5/23/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-11(I2)		5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-12(D1)	F5H33	3/26/2012	0.72	1.0	0.75	1.4	<0.5
R-12(D1)	F7BG5	4/24/2013	0.86	0.9	1.0	1.4	<0.5
R-12(D1)		6/16/2014	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(D1)	1506008-07	6/3/2015	1.2	1.0	1.8	2.5	<1.0
R-12(D1)	F1C36	6/16/2016	1.6	1.2	1.6	1.5	<0.5
R-12(D1)		6/8/2017	1.3	1.6	2.1	2.2	<1.0
R-12(D1)		5/17/2018	<1.0	1.0	1.5	1.3	<1.0
R-12(D1)		5/14/2019	1.5	1.1	1.4	1.4	<1.0
R-12(D1)		6/4/2020	1.5	1.1	1.6	1.6	<1.0
R-12(D1)		5/26/2021	1.9	1.3	1.1	1.2	<0.58
R-12(D1)		11/2/2022	1.8 J	0.96 J	<0.62	<0.52	<0.82
M-12	F5H35	3/28/2012	**23**	**13.0**	1.5 LJ	<5.0	<5.0
M-12	F7BH9	4/25/2013	**27**	**14.0**	2.1 LJ	0.65 LJ	<5.0
M-12	F7BF4	4/25/2013	**25.0**	**13.0**	1.8 LJ	0.69 LJ	<5.0

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
M-12		6/18/2014	**24.9**	**13.4**	1.9	<1.0	<1.0
M-12	1506008-03	6/3/2015	**32.2**	**15.4**	2.5	<1.0	<1.0
M-12	1506008-09	6/3/2015	**33.4**	**15.7**	2.4	1.0	<1.0
M-12	F1C10	6/13/2016	**31.0**	**16.0**	2.8 LJ	<5.0	<5.0
M-12	Dup R-50M	6/13/2016	**31.0**	**15.0**	2.7 LJ	1.0 LJ	<5.0
M-12		6/12/2017	**24.8**	**12.4**	2.2	<1.0	<1.0
M-12		5/15/2018	**26.4**	**13.0**	2.3	<1.0	<1.0
M-12		5/14/2019	**34.0**	**15.9**	2.9	<1.0	<1.0
M-12	R-103(Dup)	5/14/2019	**34.0**	**16.3**	2.9	1.0	<1.0
M-12		6/9/2020	**34.0**	**18.0**	2.8	0.93 J	<1.0
M-12	R-103(Dup)	6/9/2020	**33.0**	**17.0**	2.7	0.87 J	<1.0
M-12		5/28/2021	**42**	**17**	3.1	1.1	<0.58
M-12	R-104(Dup)	5/28/2021	**43**	**18**	3.1	1.2	<0.58
M-12		11/4/2022	**18.0**	**7.0**	1.7 J	<0.52	<0.82
R-12(D2)	F5H34	3/26/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-12(D2)	1506008-08	6/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(D2)		5/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(D2)		5/26/2021	0.25 J	<0.22	<0.19	<0.18	<0.58
R-12(I1)	F5H32	3/27/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-12(I1)	1506011-10	6/3/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(I1)		5/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(I1)		5/27/2021	0.24 J	<1.0	<1.0	<1.0	<2.0
R-12(I2)	1506026-02	6/15/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-12(I2)	NS	5/15/2018	NS	NS	NS	NS	NS
R-12(S1)	F5H31	3/28/2012	<5.0	**53.0**	29.0	20.0	<5.0
R-12(S1)	1304036-06	4/29/2013	1.0	**37.4**	27.9	15.1	<0.5
R-12(S1)		6/23/2014	<1.0	**29.4**	22.4	13.1	<1.0
R-12(S1)	'1506026-03	6/15/2015	<1.0	**24.2**	26.0	13.7	**1.7**
R-12(S1)	1506026-05	6/15/2015	<1.0	**24.8**	25.9	13.3	**1.7**
R-12(S1)	F1C42	6/14/2016	0.36 LJ	**10.0**	17.0	12.0	<0.5
R-12(S1)		6/19/2017	<1.0	1.7	12.5	6.4	1.2
R-12(S1)	R-43 (Dup)	6/19/2017	<1.0	1.8	11.9	5.9	1.1
R-12(S1)		5/17/2018	<1.0	3.9	18.0	20.2	<1.0
R-12(S1)		5/14/2019	<1.0	<1.0	12.7	11.4	<1.0
R-12(S1)		6/4/2020	<1.0	0.72 J	2.8	2.7	<1.0
R-12(S1)		5/26/2021	0.28 J	1.0	18	18	0.95 J
R-12(S1)		11/2/2022	<0.48	2.2	12.0	14.0	<0.82
R-13(I2)	F5H36	3/28/2012	**27.0**	**8.0**	0.61 LJ	<5.0	<5.0
R-13(I2)	F7BG7	4/24/2013	**35.0**	**10.0**	1.7 LJ	0.86 LJ	<5.0
R-13(I2)		6/23/2014	**33.8**	**10.1**	1.4	<1.0	<1.0
R-13(I2)	Dup R-42-06-2014	6/23/2014	**32.0**	**9.5**	1.4	<1.0	<1.0
R-13(I2)	1506026-04	6/15/2015	**40.6**	**12.9**	2.7	1.2	<1.0
R-13(I2)	1506026-06	6/15/2015	**39.1**	**12.5**	2.6	1.2	<1.0
R-13(I2)		6/13/2017	**24.2**	**8.1**	1.6	<1.0	<1.0
R-13(I2)		5/22/2018	**28.4**	**8.9**	1.9	<1.0	<1.0
R-13(I2)	R-107(Dup)	5/22/2018	**27.6**	**9.0**	2.0	<1.0	<1.0
R-13(I2)		5/15/2019	**25.9**	**8.7**	3.4	<1.0	<1.0
R-13(I2)		6/8/2020	**21.0**	**7.9**	1.9	0.73 J	<1.0
R-13(I2)		6/1/2021	**25**	**7.5**	2.2	0.82 J	<0.58
R-13(I2)		11/8/2022	**24.0**	**5.4**	1.9 J	0.79 J	<0.82
R-14(S2)	F5H37	3/26/2012	<0.5	0.9	5.7	6.0	**8.1**
R-14(S2)	F7BG8	4/23/2013	0.08 LJ	0.40 LJ	3.3	2.6	**2.4**
R-14(S2)		6/17/2014	<1.0	<1.0	5.5	2.3	<1.0
R-14(S2)	1506018-19	6/10/2015	<1.0	3.6	13.4	7.6	<1.0
R-14(S2)	F1C32	6/21/2016	<0.5	2.4	15.0	8.7	<0.5
R-14(S2)		6/15/2017	<1.0	<1.0	7.9	4.8	<1.0
R-14(S2)		5/24/2018	<1.0	1.8	22.2	10.6	<1.0

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-14(S2)		5/22/2019	<1.0	<1.0	18.0	8.5	<1.0
R-14(S2)		6/11/2020	<1.0	0.85 J	19.0	8.5	<1.0
R-14(S2)		5/25/2021	0.25 J	0.37 J	8.6	3.7	<0.58
R-15(D1)		11/11/2022	<1.0	<1.0	<1.0	<1.0	<1.0
M-15		9/12/2012	**310**	**20.0**	2.8 J	1.7 J	<5.0
M-15		4/30/2013	**230**	**21.0**	<5.0	<5.0	<5.0
M-15	Duplicate 3	4/30/2013	**250**	**19.0**	<1.0	<1.0	<1.0
M-15		6/23/2014	**220**	**19.3**	<1.0	1.2	<1.0
M-15	1506026-01	6/15/2015	**227**	**15.0**	6.3	1.3	<1.0
M-15	F1C11	6/15/2016	**190**	**11.0**	9.1	<5.0	<5.0
M-15	F1C44 (Dup R-51M)	6/15/2016	**190**	**11.0**	8.7	<5.0	<5.0
M-15		6/22/2017	**162**	**9.3**	6.1	<1.0	<1.0
M-15		5/23/2018	**202**	**8.6**	4.5	<1.0	<1.0
M-15	R-109(Dup)	5/23/2018	**207**	**8.6**	4.1	<1.0	<1.0
M-15		5/23/2019	**172**	**8.8**	5	<1.0	<1.0
M-15		6/8/2020	**130**	**8.2**	5.2	<2.5	<2.5
M-15		5/28/2021	**140**	**7.4**	3.8 J	<0.90	**<2.9**
M-15		11/8/2022	**7.1**	**28.0**	22.0	3.7	**<0.82**
M-15		11/8/2022	**6.7**	**29.0**	24.0	3.5	**<0.85**
R-16(S2)	F5H38	3/26/2012	<0.5	<0.5	0.32 LJ	<0.5	<0.5
R-16(S2)	F7BG9	4/2/2013	<0.5	0.066 LJ	0.45 LJ	0.067 LJ	<0.5
R-16(S2)		6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0
R-16(S2)	1506018-20	6/10/2015	<1.0	1.5	2.2	<1.0	<1.0
R-16(S2)	F1C33	6/21/2016	<0.5	3.1	4.4	0.29 LJ	<0.5
R-16(S2)		6/15/2017	<1.0	1.6	2.3	<1.0	<1.0
R-16(S2)		5/24/2018	<1.0	<1.0	3.5	<1.0	<1.0
R-16(S2)		5/22/2019	<1.0	1.4	4.7	<1.0	<1.0
R-16(S2)	R-107(Dup)	5/22/2019	<1.0	1.4	4.4	<1.0	<1.0
R-16(S2)		6/11/2020	<1.0	<1.0	2.6	<1.0	<1.0
R-16(S2)	R-107(Dup)	6/11/2020	<1.0	<1.0	2.6	<1.0	<1.0
R-16(S2)		5/25/2021	<0.24	0.53 J	2.8	0.29 J	<0.58
R-16(S2)	R-102(Dup)	5/25/2021	<0.24	0.51 J	2.8	0.29 J	<0.58
R-17(D1)	F5H39	3/20/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-17(D1)	1506018-10	6/9/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-17(D1)		5/1/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-17(D1)		5/26/2021	0.27 J	<0.22	<0.19	<0.18	<0.58
R-18(D1)	F5H40	3/19/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-18(D1)	1506018-11	6/9/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-18(D1)		5/2/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-18(D1)		5/24/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-19(D1)	F5H41	3/19/2012	0.097 LJ	<0.5	<0.5	<0.5	<0.5
R-19(D1)	1506018-12	6/9/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-19(D1)		5/2/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-19(D1)		5/25/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-20	1305001-04	4/29/2013	**64.7**	3.7	<0.5	<0.5	<0.5
R-20		6/24/2014	**53.3**	3.3	<1.0	<1.0	<1.0
R-20	1506022-10	6/11/2015	**54.6**	3.5	<1.0	<1.0	<1.0
R-20		6/14/2017	**54.8**	3.0	<1.0	<1.0	<1.0
R-20		5/22/2018	**49.4**	2.8	<1.0	<1.0	<1.0
R-20		5/21/2019	**47.8**	2.7	<1.0	<1.0	<1.0
R-20		6/4/2020	**45.0**	2.9	<1.0	<1.0	<1.0
R-20		6/2/2021	**58**	3.1	0.27 J	<0.18	<0.58
R-20		11/3/2022	**21.0**	0.88 J	<0.62	<0.52	<0.82
M-20	F5H42	3/29/2012	**84**	**5.0 LJ**	0.75 LJ	<5.0	<5.0
M-20	1305001-0	4/30/2013	**77.7**	**5.2**	1.5	<0.5	<0.5
M-20		6/23/2014	**74.4**	4.4	<1.0	<1.0	<1.0

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
M-20	1506022-06	6/10/2015	**62.7**	4.2	<1.0	<1.0	<1.0
M-20	F1C12	6/14/2016	**85.0**	3.9 LJ	<5.0	<5.0	<5.0
M-20		6/19/2017	**65.0**	3.4	<1.0	<1.0	<1.0
M-20		5/15/2018	**62.0**	3.0	<1.0	<1.0	<1.0
M-20		5/13/2019	**66.6**	3.3	<1.0	<1.0	<1.0
M-20		6/4/2020	**67.0**	4.1	0.9 J	<2.0	<2.0
M-20		6/2/2021	**70**	3.4	0.55 J	0.19 J	<0.58
M-20		11/3/2022	**38.0**	2.9	16.0	<0.52	<0.82
R-21		9/11/2012	<5.0	2.0 J	3.1 J	2.2 J	**4.4 J**
R-21		6/3/2014	<5.0	<5.0	74.0	<5.0	**8.5**
R-21		6/2/2015	<5.0	<5.0	20.0	<5.0	<5.0
R-21		9/8/2016	0.21 J	0.81 J	15.0	6.7	**6.1**
R-21		6/8/2017	<1.0	0.46 J	11.0	7.2	7.1
R-21		12/16/2021	<1.0	<1.0	<1.0	<1.0	<1.0
M-21		9/13/2012	3.3 J	<5.0	2.8 J	<5.0	<5.0
M-21		4/30/2013	2.0	1.1	<1.0	<1.0	<1.0
R-22	F5H43	3/19/2012	<0.5	<0.5	<0.5	<0.5	<0.5
R-22	1506003-05	6/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-22		5/3/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-22		5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-23(I1)	F5H44	3/20/2012	4.3	0.47 LJ	0.17 LJ	0.097 LJ	<0.5
R-23(I1)	1506022-11	6/11/2015	1.8	<1.0	<1.0	<1.0	<1.0
R-23(I1)		5/17/2018	1.3	<1.0	<1.0	<1.0	<1.0
R-23(I1)		5/8/2019	1.4	<1.0	<1.0	<1.0	<1.0
R-23(I1)		6/1/2020	1.5	<1.0	<1.0	<1.0	<1.0
R-23(I1)		5/28/2021	1.3	0.59 J	<0.19	<0.18	<0.58
R-24(S2)	F5H45	3/28/2012	3.5 LJ	3.0 LJ	1.3 LJ	3.1 LJ	<5.0
R-24(S2)	F5H66	3/28/2012	2.7 LJ	2.4 LJ	1.1 LJ	3.3 LJ	<5.0
R-24(S2)	1305001-05	4/30/2013	2.6	1.2	0.8	2.3	0.8
R-24(S2)	1305001-07	4/30/2013	2.7	1.3	0.9	2.3	0.9
R-24(S2)		6/12/2014	<1.0	<1.0	<1.0	3.6	1.0
R-24(S2)	1506005-08	6/2/2015	<1.0	<1.0	1.3	1.5	**2.4**
R-24(S2)	1506005-10 Dup	6/2/2015	<1.0	<1.0	1.3	1.5	**2.5**
R-24(S2)	F1C14	6/7/2016	0.9	2.0	3.2	1.9	**2.4**
R-24(S2)		6/14/2017	<1.0	<1.0	1.8	<1.0	1.4
R-24(S2)		5/3/2018	<1.0	<1.0	2.8	1.1	**2.2**
R-24(S2)		5/7/2019	<1.0	<1.0	2.6	<1.0	1.4
R-24(S2)		5/15/2019	<1.0	<1.0	6.6	<1.0	1.8
R-24(S2)		6/1/2020	<1.0	<1.0	2.1	0.44 J	0.87 J
R-24(S2)		5/28/2021	0.33 J	0.35 J	5.1	1.2	**2.9**
R-25(S2)	F5H46	3/29/2012	<0.5	<0.5	0.20 LJ	1.4	1.6
R-25(S2)	F5H63	3/29/2012	<0.5	<0.5	0.19 LJ	1.5	1.7
R-25(S2)	1305001-06	4/30/2013	<0.5	<0.5	<0.5	1.1	1.5
R-25(S2)	1506005-09	6/2/2015	1.9	**25.4**	15.3	2.1	**9.7**
R-25(S2)	F1C73	6/13/2016	0.6	**21.0**	16.0	4.0	**5.9**
R-25(S2)		6/13/2017	<1.0	**5.4**	15.9	3.6	**3.3**
R-25(S2)		5/3/2018	<1.0	**5.0**	2.5	<1.0	1.2
R-25(S2)		6/10/2020	1.7	**47.0**	15.0	4.5	**3.9**
R-25(S2)		5/28/2021	<0.24	0.84 J	0.52 J	0.24 J	0.98 J
R-26(S2)	F5H47	3/22/2012	1.4	1.7	0.47 LJ	<0.5	<0.5
R-26(S2)	F7BH2	4/25/2013	0.29 LJ	1.2	1.5	<0.5	<0.5
R-26(S2)	1506018-13	6/9/2015	<1.0	<1.0	1.5	<1.0	<1.0
R-26(S2)		5/25/2021	0.34 J	0.70 J	2.0	0.48 J	<0.58
R-27(S2)	F5H48	3/22/2012	1.7	**13.0**	25	13	**2.7**
R-27(S2)	F7BH3	4/25/2013	2.8	**21.0**	39	16	**2.7**
R-27(S2)	F7BH6	4/25/2013	3.1	**23.0**	40	15	**2.1**
R-27(S2)		6/16/2014	<1.0	**6.8**	18.2	12.0	**2.7**

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-27(S2)	1506014-07	6/8/2015	1.7	**8.2**	22.6	13.6	**8.1**
R-27(S2)	Dup R-40	6/9/2016	3.5	**19.0**	23.0	13.0	**3.2**
R-27(S2)	F1C26	6/9/2016	2.6	**14.0**	25.0	11.0	**3.0**
R-27(S2)		6/8/2017	<1.0	2.8	9.2	5.9	**4.8**
R-27(S2)	R-41 (Dup)	6/8/2017	<1.0	2.7	9.3	6.5	**5.0**
R-27(S2)		5/15/2018	<1.0	2.3	9.6	4.3	1.4
R-27(S2)		5/13/2019	<1.0	<1.0	1.7	1.3	1.0
R-27(S2)		6/1/2020	0.86 J	**6.4**	13.0	5.3	1.3
R-27(S2)		5/25/2021	0.65 J	3.8	10	4.6	1.6 J
R-27(S2)	R-103 (Dup)	5/25/2021	0.62 J	3.7	10	4.6	1.6 J
R-28(S2)	F5H49	3/19/2012	0.5	<0.5	<0.5	<0.5	<0.5
R-28(S2)	1506003-06	6/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0
R-28(S2)		4/30/2018	<1.0	<1.0	<1.0	<1.0	<1.0
R-28(S2)		6/4/2021	0.66 J	<0.22	<0.19	<0.18	<0.58
R-29(D2U)		1/24/2019	**76.0**	3.1	<1.0	<1.0	<1.0
R-29(D2U)		5/16/2019	**53.6**	2.7	<1.0	<1.0	<1.0
R-29(D2U)		6/5/2020	**14.0**	1.6	<1.0	<1.0	<1.0
R-29(D2U)		6/3/2021	**69**	3.9	0.35 J	0.19 J	<0.58
R-29(D2U)		11/9/2022	**17.0**	1.9	<1.0	<1.0	<1.0
R-29(I1)		1/24/2019	**6.9**	1.9	<1.0	<1.0	<1.0
R-29(I1)		5/16/2019	**5.2**	1.7	<1.0	<1.0	<1.0
R-29(I1)		6/5/2020	1.4	2.0	0.56 J	<1.0	<1.0
R-29(I1)		6/3/2021	2.0	2.1	0.82 J	0.26 J	<0.58
R-29(I1)	R-106(Dup)	6/3/2021	1.8	2.0	0.74 J	0.26 J	<0.58
R-29(I1)		11/9/2022	<1.0	1.4	<1.0	<1.0	<1.0
R-28(S2)	F5H49	3/19/2012	0.5	<0.5	<0.5	<0.5	<0.5
R-29(I2)		1/24/2019	**24.0**	3.5	<1.0	<1.0	<1.0
R-29(I2)		5/16/2019	**28.6**	3.5	<1.0	<1.0	<1.0
R-29(I2)	R-105(Dup)	6/5/2020	**8.4**	**30.0**	16.0	21.0	<1.0
R-29(I2)		6/5/2020	**8.7**	**30.0**	16.0	21.0	<1.0
R-29A(D1)		1/24/2019	**190.0**	**5.8**	<1.0	<1.0	<1.0
R-29A(D1)	R-229A(D1-Dup)	1/24/2019	**190.0**	**5.7**	<1.0	<1.0	<1.0
R-29A(D1)		5/16/2019	**208.0**	**6.5**	<1.0	<1.0	<1.0
R-29A(D1)	R-105(Dup)	5/16/2019	**195.0**	**6.6**	<1.0	<1.0	<1.0
R-29A(D1)		6/5/2020	**120.0**	**9.9**	8.0	9.7	<2.5
R-29A(D1)		6/3/2021	**140**	**8.6**	5.5	6.3	**<2.9**
R-29A(D1)	R-109(Dup)	6/3/2021	**140**	**9.3**	5.9	7.1	**<2.9**
R-29A(D1)		11/2/2022	**110 E**	**13.0**	6.9	10.0	**<0.82**
R-29A(D1)	R-929A(D1)(Dup)	11/2/2022	**7.2**	**31.0**	32.0	25.0	**<0.82**
R-29A(D1)		11/11/2022	**50.0**	**30.0**	10.0	14.0	**<1.0**
R-29A(I1)		1/24/2019	**70.0**	**11.0**	1.4	<1.0	<1.0
R-29A(I1)		5/16/2019	**51.9**	**7.6**	1.2	<1.0	<1.0
R-29A(I1)		6/5/2020	**35.0**	**7.0**	1.2	0.49 J	<1.0
R-29A(I1)		6/3/2021	**14**	4.0	1.0	0.40 J	<0.58
R-29A(I1)		11/10/2022	2.3	1.9	<1.0	<1.0	<1.0
R-30(D1L)		1/24/2019	**7.6**	<1.0	<1.0	<1.0	<1.0
R-30(D1L)		5/16/2019	2.2	<1.0	<1.0	<1.0	<1.0
R-30(D1L)		6/8/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(D1L)		6/3/2021	0.58 J	<0.22	<0.19	<0.18	<0.58
R-30(D1L)		11/10/2022	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(D1U)		1/24/2019	**48.0**	<1.0	<1.0	<1.0	<1.0
R-30(D1U)		5/16/2019	**11.0**	<1.0	<1.0	<1.0	<1.0
R-30(D1U)		6/8/2020	**11.0**	0.56 J	<1.0	<1.0	<1.0
R-30(D1U)		6/3/2021	**11.0**	0.66 J	<0.19	<0.18	<0.58
R-30(D1U)		11/10/2022	**10.0**	<1.0	<1.0	<1.0	<1.0
R-30(D2L)		1/24/2019	3.7	<1.0	<1.0	<1.0	<1.0
R-30(D2L)		5/16/2019	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
R-30(D2L)		6/8/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(D2L)		6/3/2021	0.46 J	<0.22	<0.19	<0.18	<0.58
R-30(D2L)		11/10/2022	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(D2U)		1/24/2019	**8.3**	<1.0	<1.0	<1.0	<1.0
R-30(D2U)		5/16/2019	**31.9**	1.3	<1.0	<1.0	<1.0
R-30(D2U)		6/8/2020	**29.0**	2.9	<1.0	<1.0	<1.0
R-30(D2U)		6/3/2021	**44**	2.9	<0.19	<0.18	<0.58
R-30(D2U)		11/10/2022	**120.0**	**7.8**	<1.0	<1.0	<1.0
R-30(I1)		1/24/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(I1)		5/16/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(I1)		6/3/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-30(I1)		11/10/2022	<1.0	<1.0	<1.0	<1.0	<1.0
R-30(I2)		1/24/2019	2.9	<1.0	<1.0	<1.0	<1.0
R-30(I2)		5/16/2019	1.2	<1.0	<1.0	<1.0	<1.0
R-30(I2)		6/8/2020	0.52 J	<1.0	<1.0	<1.0	<1.0
R-30(I2)		6/3/2021	0.97 J	0.25 J	<0.19	<0.18	<0.58
R-30(I2)		11/10/2022	<1.0	<1.0	<1.0	<1.0	<1.0
R-31(I1)		1/15/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-31(I1)		5/8/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-31(I1)		6/2/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-31(I1)		5/28/2021	0.25 J	<0.22	<0.19	<0.18	<0.58
R-31(I1)		11/2/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-31(I2)		1/17/2019	4.4	1.2	<1.0	<1.0	<1.0
R-31(I2)		5/8/2019	3.6	<1.0	<1.0	<1.0	<1.0
R-31(I2)		6/2/2020	4.1	1.2	0.62 J	<1.0	<1.0
R-31(I2)		5/28/2021	**5.7**	1.8	0.88 J	0.24 J	<0.58
R-31(I2)		11/2/2022	**1.5 J**	<0.54	<0.62	<0.52	<0.82
R-32(I1)		1/24/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I1)		5/8/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I1)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I1)		5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-32(I1)		11/8/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-32(I2)		1/16/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I2)		5/8/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I2)	R-102(Dup)	5/8/2019	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I2)	R-102(Dup)	6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I2)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-32(I2)	R-107(Dup)	5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-32(I2)		5/27/2021	<0.24	<0.22	<0.19	<0.18	<0.58
R-32(I2)		11/8/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-32(D2)		6/1/2020	0.4 J	0.57 J	<1.0	<1.0	<1.0
R-32(D2)		5/27/2021	0.74 J	0.95 J	<0.19	<0.18	<0.58
R-32(D2)		11/8/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-33(I1)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-33(I1)		5/27/2021	0.26 J	<0.22	<0.19	<0.18	<0.58
R-33(I1)		11/2/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-33(I2)		6/1/2020	<1.0	<1.0	<1.0	<1.0	<1.0
R-33(I2)		5/27/2021	0.24 J	<0.22	<0.19	<0.18	<0.58
R-33(I2)		11/2/2022	<0.48	<0.54	<0.62	<0.52	<0.82
R-34(I1)		12/16/2021	**12.0**	**12.0**	11.0	2.4	<2.0
R-34(I1)		11/4/2022	**4.1**	**9.9**	10.0	2.3	<0.82
R-34(I2)		12/16/2021	**83.0**	**23.0**	2.7	<2.0	<2.0
R-34(I2)		11/4/2022	**56.0**	**17.0**	1.8 J	0.60 J	<0.82
R-34(D2)		6/2/2021	**18**	**6.8**	0.57	0.29	<0.58
R-34(D2)		11/4/2022	**20.0**	**6.8**	<0.62	<0.52	<0.82
R-34(D2)	R-934(D2)(Dup)	11/4/2022	**9.9**	**3.0**	<0.62	<0.52	<0.82
RDP-1	F5H50	3/26/2012	<0.5	0.6	1.6	0.92	0.59

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
RDP-1	F7BH5	4/23/2013	<0.5	0.34 LJ	2.3	0.53	0.20 LJ
RDP-1	F7BE3	4/23/2013	<0.5	0.30 LJ	2.0	0.44 LJ	0.19 LJ
RDP-1		6/17/2014	<1.0	<1.0	2.6	<1.0	<1.0
RDP-1	1506018-21	6/10/2015	<1.0	1.0	5.0	<1.0	<1.0
RDP-1	F1C27	6/21/2016	<0.5	1.8	10.0	1.4	<0.5
RDP-1		6/15/2017	<1.0	1.1	4.6	1.5	<1.0
RDP-1		5/24/2018	<1.0	<1.0	3.9	1.0	<1.0
RDP-1		5/22/2019	<1.0	<1.0	13.8	4.4	<1.0
RDP-1	R-108(Dup)	5/22/2019	<1.0	<1.0	13.0	4.6	<1.0
RDP-1		6/11/2020	<1.0	<1.0	11.0	3.8	<1.0
RDP-1	R-108(Dup)	6/11/2020	<1.0	<1.0	9.9	3.5	<1.0
RDP-1		5/24/2021	<0.24	0.32 J	13.0	5.4	<0.58
RDP-1		11/9/2022	<0.48	<0.54	12.0	5.6	<0.82
RDP-2	F5H51	3/26/2012	<0.5	0.6	4.5	4.1	**1.5**
RDP-2		6/17/2014	<1.0	<1.0	3.1	2.4	**1.0**
RDP-2	1506018-22	6/10/2015	<1.0	<1.0	4.8	3.1	<1.0
RDP-2	F1C8	6/21/2016	<0.5	0.5	6.5	3.7	<0.5
RDP-2		6/15/2017	<1.0	<1.0	2.8	1.7	<1.0
RDP-2		5/24/2018	<1.0	<1.0	7.5	3.9	<1.0
RDP-2		5/22/2019	<1.0	<1.0	7.6	3.6	<1.0
RDP-2		6/11/2020	<1.0	<1.0	4.6	2.1	<1.0
RDP-2		5/24/2021	<0.24	0.24 J	5.3	2.4	<0.58
RDP-2		11/9/2022	<0.48	<0.54	3.0	1.3 J	<0.82
RDP-3	F5H52	3/26/2012	<0.5	<0.5	<0.5	<0.5	<0.5
RDP-3	F7BJ2	4/23/2013	<0.5	<0.5	<0.5	<0.5	<0.5
RDP-3		6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3	1506018-23	6/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3	F1C29	6/21/2016	<0.5	<0.5	<0.5	<0.5	<0.5
RDP-3		6/15/2017	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3		5/24/2018	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3		5/22/2019	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3		6/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-3		5/24/2021	<0.24	<0.22	<0.19	<0.18	<0.58
RDP-3		11/9/2022	<0.48	<0.54	<0.62	<0.52	<0.82
RDP-4	F5H53	3/26/2012	<0.5	<0.5	4.4	3.9	1.8
RDP-4	F7BJ3	4/23/2013	<0.5	<0.5	3.0	2.4	**2.1**
RDP-4		6/17/2014	<1.0	<1.0	1.4	<1.0	<1.0
RDP-4	1506028-06	6/16/2015	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-4	F1C30	6/21/2016	<0.5	<0.5	<0.5	<0.5	<0.5
RDP-4		6/15/2017	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-4		5/24/2018	<1.0	<1.0	<1.0	<1.0	<1.0
RDP-4		5/22/2019	<1.0	<1.0	<1.0	<1.0	<1.0
BC-2		9/17/2012	<1.0	<1.0	<1.0	<1.0	<1.0
BC-2		5/6/2013	<1.0	<1.0	1.9	3.0	<1.0
BC-2		6/16/2014	<1.0	<1.0	7.6	5.2	<1.0
BC-2	1506014-01	6/8/2015	<1.0	<1.0	14.7	10.6	**3.1**
BC-2	F1C00	6/9/2016	<0.5	<0.5	7.5	13.0	0.67
BC-2		6/12/2017	<1.0	<1.0	4.7	6.6	<1.0
BC-2		5/15/2018	<1.0	<1.0	5.2	1.7	<1.0
BC-2		5/13/2019	<1.0	<1.0	7.5	4.0	<1.0
BC-3		9/14/2012	<5.0	<5.0	2.9 J	8	**3.9 J**
BC-3		5/3/2013	<1.0	<1.0	<1.0	6.4	<1.0
BC-3		6/12/2014	<1.0	<1.0	1.4	14.1	**3.3**
BC-3 (dup)	R-40	6/12/2014	<1.0	<1.0	2.1	14	**3.6**
BC-3	1506014-02	6/8/2015	<1.0	<1.0	2.2	7.2	**4.6**
BC-3	F1C22	6/13/2016	<0.5	<0.5	1.3	6.7	**1.6**
BC-3		6/8/2017	<1.0	<1.0	<1.0	6.2	**2.3**

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
BC-3		5/22/2018	<1.0	<1.0	2.8	4.3	1.3
BC-3		5/14/2019	<1.0	<1.0	2.8	6.6	1.7
BC-4		9/17/2012	<1.0	<1.0	17.0	7.1	**6.6**
BC-4		5/6/2013	<1.0	<1.0	19.0	5.0	**7.0**
BC-4		6/4/2014	<1.0	<1.0	22.0	4.4	**6.5**
BC-4		6/3/2015	<1.0	<1.0	14.0	2.7	**2.4**
BC-4		9/13/2016	0.24 J	0.84 J	9.2	2.0	1.4
BC-4		6/9/2017	<1.0	0.20 J	1.4	0.97 J	0.51 J
BC-4		5/15/2018	<1.0	<1.0	5.0	1.1	<1.0
BC-4		5/13/2019	<1.0	<1.0	1.6	1.9	<1.0
BC-5		9/14/2012	<5.0	<5.0	13.0	2.4 J	**3.3 J**
BC-5		5/3/2013	<1.0	1.0	4.4	1.6	<1.0
BC-5		6/4/2014	<1.0	<1.0	2.8	1.1	<1.0
BC-5		6/3/2015	<1.0	<1.0	1.6	<1.0	<1.0
BC-5		9/1/2016	<1.0	0.19 J	0.85 J	0.46 J	<1.0
BC-5		6/6/2017	<1.0	3.6	18.0	4.1	0.42 J
BC-5		5/24/2018	<1.0	<1.0	<1.0	<1.0	<1.0
BC-5		5/22/2019	<1.0	<1.0	5.5	1.8	<1.0
BC-5		11/9/2022	<0.48	<0.54	<0.62	<0.52	<0.82
BC-6		9/14/2012	<5.0	**6.6**	6.8	<5.0	<5.0
BC-6		5/3/2013	**6.8**	**14.0**	8.0	<1.0	<1.0
BC-6		6/4/2014	**20.0**	**38.0**	12.0	2.1	<1.0
BC-6		6/3/2015	**7.3**	**16.0**	5.7	1.0	<1.0
BC-6		9/12/2016	2.9	**26.0**	11.0	5.1	<1.0
BC-6		6/6/2017	4.1	**57.0**	31.0	11.0	0.37 J
BC-6		5/24/2018	1.5	**28.4**	21.4	8.3	<1.0
BC-6		5/22/2019	1.2	**85.7**	58.7	24.3	<1.0
BC-6		6/11/2020	4.8	**65.0**	38.0	16.0	<2.0
BC-6	R-106(Dup)	6/11/2020	4.7	**62.0**	37.0	16.0	<2.0
BC-6		5/25/2021	**12**	**130**	68	24	<1.2
BC-6	R-101(Dup)	5/25/2021	**13**	**140**	69	24	<1.2
BC-6		11/9/2022	**1.9 J**	**37.0**	47.0	11.0	<0.82
BC-6	BC-96(Dup)	11/9/2022	**2.1**	**39.0**	44.0	12.0	<0.82
BC-7S		9/17/2012	1.4	**5.6**	32.0	5.1	**3.8**
BC-7S		5/3/2013	<1.0	4.3	19.0	3.8	1.5
BC-7S		6/18/2014	<1.0	2.7	14.2	3.2	<1.0
BC-7S	1506022-02	6/11/2015	<1.0	1.8	6.5	1.7	<1.0
BC-7S	F1C24	6/21/2016	0.51 UMJ	1.8	6.7	2.2	0.16 LJ
BC-7S		6/15/2017	<1.0	<1.0	2.1	<1.0	<1.0
BC-7S		5/24/2018	<1.0	1.2	2.6	<1.0	<1.0
BC-7S		5/22/2019	<1.0	1.1	1.8	<1.0	<1.0
BC-7S		6/11/2020	<1.0	1.5	1.6	0.51 J	<1.0
BC-7S		5/25/2021	0.42 J	1.5	1.8	0.80 J	<0.58
BC-7S		11/9/2022	<0.48	<0.54	1.3 J	<0.52	<0.82
BC-7D		9/17/2012	<1.0	4.2	29.0	6.2	**1.3**
BC-7D		5/3/2013	<1.0	2.1	17.0	4.3	<1.0
BC-7D		6/17/2014	<1.0	1.6	15.2	3.6	<1.0
BC-7D	1506022-01	6/11/2015	<1.0	1.7	16.3	5.1	<1.0
BC-7D	F1C25	6/21/2016	<0.5	1.4	9.7	3.5	0.19 LJ
BC-7D		6/15/2017	<1.0	<1.0	4.1	1.9	<1.0
BC-7D		5/24/2018	<1.0	<1.0	7.9	3.2	<1.0
BC-7D		5/22/2019	<1.0	1.0	3.3	1.7	<1.0
BC-7D		6/11/2020	<1.0	0.79 J	4.3	1.6	<1.0
BC-7D		5/25/2021	0.24 J	0.63 J	3.1	1.4	<0.58
BC-7D		11/9/2022	<0.48	<0.54	2.5	0.90 J	<0.82
DI-1(D1)		9/11/2012	**60**	3.7 J	2.9 J	<5.0	<5.0
DI-1(D1)	Post injection	6/2/2014	3.6	2.2	64.0	1.2	**2.3**

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
DI-1(D1)	Duplicate 1	6/2/2014	3.8	2.4	67.0	1.3	**2.6**
DI-1(D1)	Hall	6/1/2015	<1.0	<1.0	32.0	<1.0	**1.4**
DI-1(D1)	Duplicate 1 Hall	6/1/2015	<1.0	1.2	35.0	<1.0	**1.4**
DI-1(D1)		9/8/2016	<1.0	0.28 J	13.0	2.4	**4.9**
DI-1(D1)		6/7/2017	<1.0	<1.0	10.0	2.0	**3.0**
DI-1(D1)		6/10/2020	<1.0	<1.0	<1.0	<1.0	**<1.0**
DI-1(D1)		2/22/2021	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
DM-1(I1)	F5H54	3/27/2012	<0.5	0.12 LJ	0.79	0.36 LJ	**2.6**
DM-1(I1)	F5H62	3/27/2012	<0.5	0.14 LJ	0.79	0.37 LJ	**2.7**
DM-1(I1)	1305001-01	4/30/2013	<0.5	<0.5	1.1	<0.5	**1.8**
DM-1(I1)		6/23/2014	<1.0	<1.0	2.7	<1.0	**5.4**
DM-1(I1)	1506028-01	6/16/2015	<1.0	<1.0	2.4	<1.0	<1.0
DM-1(I1)	F1C47 (dup)	6/22/2016	<0.5	0.34 LJ	2.2	0.21 LJ	0.6
DM-1(I1)	F1C08	6/22/2016	<0.5	0.36 LJ	2.2	0.2. LJ	0.6
DM-1(I1)		6/21/2017	<1.0	<1.0	1.2	<1.0	<1.0
DM-1(I1)		5/22/2018	<1.0	<1.0	1.1	<1.0	<1.0
DM-1(I1)	R-108(Dup)	5/22/2018	<1.0	<1.0	<1.0	<1.0	<1.0
DM-1(I1)		5/15/2019	<1.0	<1.0	1.3	<1.0	<1.0
DM-1(I1)		6/8/2020	<1.0	<1.0	0.73 J	<1.0	<1.0
DM-1(I1)		6/1/2021	0.29 J	0.31 J	0.45 J	0.63 J	<0.58
DM-1(D1)		9/12/2012	**40**	3.0 J	<5.0	<5.0	<5.0
DM-1(D1)		4/29/2013	**39**	3.0	<1.0	<1.0	<1.0
DM-1(D1)	Duplicate 2	4/29/2013	**39**	2.9	<1.0	<1.0	<1.0
DM-1(D1)		6/2/2014	**120**	**9.0**	<1.0	<1.0	<1.0
DM-1(D1)	Duplicate 2	6/2/2014	**120**	**9.4**	<1.0	<1.0	<1.0
DM-1(D1)	DM-1(D1) Hall	6/1/2015	**140**	**11.0**	<1.0	<1.0	<1.0
DM-1(D1)	Duplicate 2	6/1/2015	**140**	**12.0**	<1.0	<1.0	<1.0
DM-1(D1)		9/8/2016	**120**	**12.0**	0.65 J	1.4	<1.0
DM-1(D1)		6/7/2017	**130**	**14.0**	0.73 J	1.2	<1.0
DM-1(D1)		5/23/2018	**163**	**14.8**	1.7	2.5	<1.0
DM-1(D1)		5/20/2019	**132**	**16.6**	3.6	4.6	<1.0
DM-1(D1)		6/10/2020	**80**	**12.0**	2.1	2.8	<1.0
DM-1(D1)	DM-11(D1) (Dup)	6/10/2020	**80**	**11.0**	1.9	2.8	<1.0
DM-1(D1)		6/1/2021	**24**	**17**	2.6	3.6	<0.58
DM-1(D1)		11/2/2022	**8.5**	**15.0**	3.2	3.0	<0.82
DM-1(D2)		9/10/2012	**59.0**	3.8 J	3.0 J	<5.0	<5.0
DM-1(D2)	FLD Dup 2	9/10/2012	**62.0**	4.0	<5.0	<5.0	<5.0
DM-1(D2)		4/29/2013	**52.0**	3.1	<1.0	<1.0	<1.0
DM-1(D2)	Duplicate 1	4/29/2013	**54.0**	3.2	<1.0	<1.0	<1.0
DM-1(D2)		6/3/2014	**47.0**	2.8	<1.0	<1.0	<1.0
DM-1(D2)	Hall	6/1/2015	**43.0**	2.6	<1.0	<1.0	<1.0
DM-1(D2)		9/7/2016	**43.0**	2.5	0.25 J	<1.0	<1.0
DM-1(D2)		6/7/2017	**42.0**	2.4	0.36 J	<1.0	<1.0
DM-1(D2)		5/21/2018	**44.6**	2.6	1.2	<1.0	<1.0
DM-1(D2)		5/21/2019	**46.7**	2.7	<1.0	<1.0	<1.0
DM-1(D2)		6/5/2020	**40.0**	2.7	0.55 J	<1.0	<1.0
DM-1(D2)		6/2/2021	**37**	2.7	8.1	1.5	<0.58
DM-1(D2)		11/2/2022	**14.0**	1.3 J	6.9	1.8 J	<0.82
DM-2(I1)	F5H55	3/29/2012	0.59	0.38 LJ	0.43 LJ	0.7	<0.5
DM-2(I1)	1305001-02	4/30/2013	0.6	<0.5	0.6	0.5	<0.5
DM-2(I1)	1506028-02	6/16/2015	1.7	1.0	<1.0	<1.0	<1.0
DM-2(I1)	F1C35	6/22/2016	1.4 J	1.2	0.9	0.8	<0.5
DM-2(I1)		6/19/2017	1.4 FB	<1.0	<1.0	<1.0	<1.0
DM-2(I1)		5/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0
DM-2(I1)		6/8/2020	0.43 J	<1.0	0.44 J	<1.0	<1.0
DM-2(I1)		6/1/2021	0.41 J	0.47 J	0.60 J	0.65 J	<0.58
DM-2(I1)		11/2/2022	<0.48	<0.54	<0.62	<0.52	<0.82

Table 3 - Historical Groundwater Analytical Results (2012-2022) – VOCs (µg/L)							
Sample Location	**Sample ID #**	**Date Sampled**	**PCE**	**TCE**	**1,2-cis DCE**	**1,2-trans DCE**	**VC**
EPA MCL			**5**	**5**	**70**	**100**	**2**
DM-2(D1)		9/10/2012	**59.0**	**6.7**	17.0	5.6	<5.0
DM-2(D1)	FLD Dup 1	9/10/2012	**59.0**	**6.4**	8.8	5.8	<5.0
DM-2(D1)		4/29/2013	**46.0**	**6.5**	6.3	6.9	<1.0
DM-2(D1)		6/18/2014	**40.2**	**7.0**	8.4	9.4	<1.0
DM-2(D1)	1506018-15	6/10/2015	**42.2**	**7.5**	10.0	12.2	<1.0
DM-2(D1)	F1C38	6/13/2016	**36.0**	**6.0**	14.0	1.0	<5.0
DM-2(D1)	R-42 (Dup)	6/13/2017	**25.1**	**5.1**	11.6	9.7	<1.0
DM-2(D1)		6/13/2017	**24.4**	**5.0**	11.2	9.3	<1.0
DM-2(D1)		5/21/2018	**22.6**	4.8	13.4	12.7	<1.0
DM-2(D1)		5/20/2019	**22.0**	4.5	13.4	15.5	<1.0
DM-2(D1)		6/5/2020	**17.0**	6.4	17.0	19.0	<1.0
DM-2(D1)		6/1/2021	**7.7**	2.8	19	21	<0.58
DM-2(D1)		11/2/2022	<0.48	0.94 J	17.0	9.8	<0.82
DM-2(D1)		11/10/2022	1.7	3.1	20.0	13.0	<1.0
DM-2(D2)		9/12/2012	**120.0**	**5.6**	2.8 J	<5.0	<5.0
DM-2(D2)		4/29/2013	**98.0**	4.6	<1.0	<1.0	<1.0
DM-2(D2)		6/18/2014	**94.4**	4.3	<1.0	<1.0	<1.0
DM-2(D2)	1506018-16	6/10/2015	**91.1**	4.8	<1.0	<1.0	<1.0
DM-2(D2)	F1C13	6/15/2016	**87.0**	4.6LJ	<5.0	<5.0	<5.0
DM-2(D2)		6/21/2017	**70.8**	3.3	<1.0	<1.0	<1.0
DM-2(D2)	R-44 (Dup)	6/21/2017	**69.1**	3.4	<1.0	<1.0	<1.0
DM-2(D2)		5/22/2018	**80.7**	3.8	<1.0	<1.0	<1.0
DM-2(D2)		5/20/2019	**85.3**	3.8	<1.0	<1.0	<1.0
DM-2(D2)		6/8/2020	**63.0**	3.6	<2.0	<2.0	<2.0
DM-2(D2)		6/1/2021	**63**	3.7	<0.38	<0.36	<1.2
DM-2(D2)		11/2/2022	**27.0**	4.0	<0.62	<0.52	<0.82
Cook Estate		6/24/2014	<1.0	<1.0	<1.0	<1.0	<1.0
Cook Estate	1506022-03	6/11/2015	<1.0	<1.0	<1.0	<1.0	<1.0
Cook Estate		5/23/2018	1.1	<1.0	<1.0	<1.0	<1.0
Cook Estate		5/15/2019	<1.0	<1.0	<1.0	<1.0	<1.0
Cook Estate		6/2/2021	0.30 J	<0.22	<0.19	<0.18	<0.58
Cook Estate		11/8/2022	<0.48	<0.54	<0.62	<0.52	<0.82
820a HWY 30	F1C78	6/16/2016	<0.5	<0.5	<0.5	<0.5	<0.5

Legend

BOLD values indicate exceedance of MCL

1,2-cis DCE-1,2-cis Dichloroethene

1,2-trans DCE-1,2-trans Dichloroethene

PCE- Tetrachloroethene

TCE - Trichloroethene

VC - Vinyl Chloride

NA - Not analyzed

NR - Not reported

NS - Not Sampled

ND - Not detected above laboratory quantitation limits

E - Result exceeded calibration range

J - Estimated value

LJ - Estimated value - Reported concentration below contract required quantitation limit value

C - Result biased low

* Well resampled due to mislabeling of original samples

Wells IDs switched during sampling

Table 4 – Source Area, Hotspot, Biocurtain, and Deep Zone Groundwater Sampling Analytical Results

Table 4a - Source Area Groundwater Sampling Analytical Results

Source Area Sampling Results				Laboratory Data								Field Data				
					Volatiles					TOC	YSI Readings					
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					5 µg/L	5 µg/L	70 µg/L	100 µg/L	2 µg/L						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
Baseline 2007	SAI-2D	1/17/07	12:30	27	**65000**	**<500**	**<500**	**<500**	**<500**	20	13.48	0.18	7.47	68.7	1.831
	SAI-2S	1/17/07	12:05	<2.0	**39**	**7.5**	4.0	<1.0	<1.0	2.4	14.05	0.15	7.51	51.3	1.304
	SMW-1D	1/12/07	10:35	<2.0	<1.0	<1.0	1	<1.0	<1.0	1.5	16.68	0.10	7.60	46.8	1.409
	SMW-1S	1/12/07	10:00	<2.0	1.2	1.8	8.9	<1.0	<1.0	2.4	16.87	0.01	7.29	-98.7	1.314
	SMW-2D	1/12/07	12:00	<2.0	**7600**	**260**	<50	<50	**<50**	2.3	15.84	0.07	7.44	177.2	1.350
	SMW-2S	1/12/07	11:30	<2.0	**1400**	**280**	**2200**	<50	**<50**	2.5	14.54	0.24	7.35	117.6	1.235
	SMW-3D	1/12/07	12:50	<2.0	**47000**	**120**	<50	<50	**<50**	1.9	14.61	0.11	7.40	222.4	1.877
	SMW-3S	1/12/07	12:25	<2.0	**880**	**66**	**530**	<20	**<20**	2.2	13.60	0.04	7.21	216.2	1.213
	SMW-4D	1/16/07	9:00	<2.0	2	2.8	3.3	<1.0	<1.0	2.1	14.86	0.16	7.30	174.6	1.547
	SMW-4S	1/16/07	10:00	<2.0	**190**	**21**	**180**	<5.0	**<5.0**	2.4	14.32	0.08	7.32	220.5	1.086
	SMW-5D	1/16/07	10:30	<2.0	**11**	3.6	2.9	<1.0	<1.0	2.2	12.30	0.34	7.64	230	1.327
	SMW-5S	1/16/07	11:00	<2.0	**240**	**6.4**	44	<5.0	**<5.0**	2.5	12.54	0.38	7.68	181.6	1.248
	SMW-6D	1/16/07	11:50	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	14.66	0.07	7.22	168.4	1.990
	SMW-6S	1/16/07	10:30	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	14.74	0.09	7.31	107	1.081
July 2008 (60 Day)	SMW-1S	7/31/08	10:25	**	<1.0	<1.0	**4400**	59	**19**	13	18.16	0.05	7.26	-144	1.122
	SMW-3S	7/31/08	11:00	**	1.6	<1.0	**7000**	84	**150**	11	20.72	0.06	7.37	-144.1	1.243
	SMW-3D	7/31/08	11:30	**	**24000**	**3700**	**7800**	28	<1.0	1.2	17.13	0.02	8.02	-58	1.166
	SMW-6S	7/31/08	12:05	**	**69**	**23**	**610**	6.9	**15**	2.5	19.13	0.04	7.61	-186.6	0.989
	SMW-6D	7/31/08	12:32	**	**5000**	**910**	**1500**	19	**14**	2	16.80	0.03	7.80	-74.5	1.175
August 2008 (90 Day)	SMW-1D	8/27/08	11:35	**	**1400**	**1300**	**49000**	**1300**	**70**	100	17.28	1.10	8.15	-288.5	1.088
	SMW-3S	8/27/08	12:25	**	<2.0	<2.0	**570**	18	**590**	22	21.37	0.38	7.11	-201.1	1.119
	SMW-3D	8/27/08	13:55	**	**24000**	**1700**	**2000**	39	**<5.0**	1.7	17.63	0.03	6.35	-14.8	1.053
	SMW-6S	8/27/08	14:30	**	**35**	**36**	**870**	15	**320**	15	21.31	0.12	6.68	-180.5	1.152
	SMW-6D	8/27/08	14:55	**	**7400**	**1900**	**3100**	43	**37**	4.4	17.57	0.05	7.69	-156.6	0.974
November 2008 (120 Day)	SMW-1D	11/19/08	14:25	790	**340**	**210**	**16000**	**850**	**15000**	210	20.11	0.53	6.91	-235.5	1.662
	SMW-3S	11/19/08	13:35	130	<1.0	<1.0	1.2	13	1.1	160	19.93	0.15	6.94	-116.7	1.530
	SMW-3D	11/19/08	14:00	6.5	**2900**	**930**	**2900**	52	**550**	3.1	19.62	0.07	6.89	-77.5	1.190

Table 4a - Source Area Groundwater Sampling Analytical Results																
Source Area Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					**TOC**	**YSI Readings**				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-4S	11/19/08	13:00	110	<1.0	<1.0	<1.0	15	1	120	19.93	0.14	6.93	-113.8	1.557
March 2009	**SMW-1D**	3/16/09	11:15	2300	**700**	**250**	**13000**	**560**	**17000**	120	17.26	0.04	7.44	-140.3	1.510
	SMW-3S	3/16/09	12:05	11	1	<1.0	3.4	14	1.6	29	14.71	0.13	6.82	-71.9	1.536
	SMW-3D	3/16/09	12:35	14	**1900**	**310**	**4100**	67	**710**	2.2	17.13	0.04	6.76	41.9	1.149
	SMW-6S	3/16/09	13:15	57	1.9	<1.0	2.0	3.8	<1.0	2.4	14.34	0.05	6.65	-34.6	1.041
	SMW-6D	3/16/09	13:50	290	**550**	**360**	**2000**	58	**1000**	3.3	16.34	0.05	6.70	-28.9	1.203
July 2009	**SMW-1D**	7/8/09	16:25	3000	**3800**	**840**		**710**	**14000**	150	**	**	**	**	**
	SMW-3S	7/8/09	15:50	5.5	<1.0	<1.0	1.8	5.9	1.2	11	**	**	**	**	**
	SMW-3D	7/8/09	16:10	120	**240**	**140**	**1200**	34	**580**	3.1	**	**	**	**	**
	SMW-6S	7/8/09	14:05	4.8	<1.0	<1.0	<1.0	5.8	<1.0	21	**	**	**	**	**
	SMW-6D	7/8/09	15:25	420	**58**	**45**	**340**	38	**220**	24	**	**	**	**	**
November 2009	**SAI-2S**	10/27/09	12:45	31	<1.0	<1.0	2.3	9.9	**9.7**	33	**	**	**	**	**
	SAI-2D	10/27/09	11:35	16	<1.0	<1.0	2.3	8.9	**16**	140	**	**	**	**	**
	SMW-1S	10/28/09	12:45	9.9	<1.0	<1.0	<1.0	16	<1.0	55	**	**	**	**	**
	SMW-1D	10/28/09	13:30	2600	**210**	**<50**	**3400**	**290**	**11000**	96	**	**	**	**	**
	SMW-2S	10/28/09	11:35	0.3	<1.0	<1.0	<1.0	4.9	<1.0	85	**	**	**	**	**
	SMW-2D	10/28/09	12:45	210	<1.0	<1.0	0.5	25	**2.7**	170	**	**	**	**	**
	SMW-3S	10/28/09	15:14	130	<1.0	<1.0	<1.0	4.3	<1.0	68	**	**	**	**	**
	SMW-3D	10/28/09	15:25	0.61	**340**	**240**	**1300**	33	**530**	3.6	**	**	**	**	**
	SMW-4S	10/29/09	12:00	0.57	<1.0	<1.0	<1.0	8.8	<1.0	120	**	**	**	**	**
	SMW-4D	10/29/09	11:35	5.9	<1.0	<1.0	<1.0	20	<1.0	200	**	**	**	**	**
	SMW-5S	10/29/09	10:50	1.9	<1.0	<1.0	<1.0	9.2	<1.0	8.8	**	**	**	**	**
	SMW-5D	10/29/09	10:20	3.6	<1.0	<1.0	<1.0	17	<1.0	8.8	**	**	**	**	**
	SMW-6S	10/28/09	15:15	21	<1.0	<1.0	3.4	9.4	**8.8**	6.9	**	**	**	**	**
	SMW-6D	10/28/09	14:40	950	**350**	**320**	**5600**	**220**	**1600**	5.7	**	**	**	**	**
September 2010	**SMW-1S**	9/9/10	10:05	5.6	<1.0	<1.0	2.3	3.7	5.4	4.4	20.83	0.09	6.91	-104.3	2.443
	SMW-1D	9/9/10	10:40	1500	<1.0	**88**	**530**	**130**	**2000**	2.6	18.89	0.10	7.27	-99.9	2.145
	SMW-2S	9/9/10	11:55	**	<1.0	<1.0	1.1	1.3	1.2	**	22.86	0.40	6.98	-121.8	3.083
	SMW-2D	9/9/10	12:10	**	1.2	<1.0	4.1	57	**65**	**	20.30	0.11	6.89	-111	3.730

Table 4a - Source Area Groundwater Sampling Analytical Results																
Source Area Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					5 µg/L	5 µg/L	70 µg/L	100 µg/L	2 µg/L						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-3S	9/9/10	12:45	670	<1.0	<1.0	1.4	33	1.6	4.5	23.16	0.07	6.82	-113.6	2.659
	SMW-3D	9/9/10	12:30	64	<1.0	**11**	23	15	**18**	2.7	20.44	0.07	7.00	-93.9	2.466
	SMW-4S	9/9/10	13:25	3	1.2	<1.0	4.1	<1.0	**3.4**	**	22.12	0.05	7.28	-141.6	2.401
	SMW-4D	9/9/10	13:10	6.9	<1.0	<1.0	1.4	6.7	1.1	**	20.05	0.05	6.98	-116.6	2.797
	SMW-5S	9/9/10	14:00	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	21.32	0.04	7.10	-135.2	2.264
	SMW-5D	9/9/10	13:45	**	<1.0	<1.0	2.0	7.3	<1.0	**	19.78	0.04	6.91	-100.6	2.949
	SMW-6S	9/9/10	14:30	95	<1.0	<1.0	2.2	2	1	**	21.53	0.06	6.97	-127.2	1.996
	SMW-6D	9/9/10	14:20	640	<1.0	<1.0	**990**	76	**600**	**	20.45	0.14	7.16	174.9	2.547
February 2011	**SMW-1S**	2/11/11	15:05	**	<1.0	<1.0	4.8	1.2	<1.0	**	15.92	0.06	7.11	-116.2	1.463
	SMW-1D	2/11/11	15:35	**	**42**	**62**	**130**	39	**260**	**	18.70	0.06	7.25	-117.4	1.476
	SMW-2S	2/15/11	11:20	**	<1.0	<1.0	<1.0	<1.0	<1.0	7.1	14.28	0.08	6.89	-99.2	1.374
	SMW-2D	2/15/11	11:55	**	<1.0	<1.0	14	66	**660**	120	16.40	0.10	6.86	-95.8	1.884
	SMW-3S	2/15/11	13:25	**	<1.0	<1.0	14	28	**40**	3.6	13.84	0.04	7.07	-75.2	1.331
	SMW-3D	2/15/11	13:55	**	**23**	**26**	**120**	17	**72**	2.9	10.46	0.04	7.04	-74.1	1.524
	SMW-4S	2/11/11	12:05	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	13.80	0.05	7.53	-135.3	1.348
	SMW-4D	2/11/11	12:35	**	<1.0	<1.0	<1.0	4.5	<1.0	**	15.70	0.06	7.10	-101.1	1.628
	SMW-5S	2/11/11	13:05	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	13.85	0.08	7.21	-104.8	1.335
	SMW-5D	2/11/11	13:35	**	<1.0	<1.0	<1.0	7.7	**2.6**	**	15.69	0.07	6.88	-95.9	1.752
	SMW-6S	2/11/11	14:05	**	<1.0	<1.0	<1.0	1.5	<1.0	**	14.36	0.04	7.00	-87	1.317
	SMW-6D	2/11/11	14:35	**	**52**	**100**	**1300**	66	**500**	**	10.06	0.12	6.93	-94.8	1.617
June 2011	**SMW-1S**	6/2/2011	13:40	0.92	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	16.76	0.11	7.41	-101.1	1.742
	SMW-1D	6/2/2011	13:55	540	**65**	**82**	**150**	18	**190**	3	16.53	0.06	7.38	-94.8	1.727
	SMW2S	6/2/2011	14:20	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.29	0.06	7.18	-101.8	1.928
	SMW-2D	6/2/2011	14:30	**	<1.0	<1.0	**150**	**130**	**900**	**	16.50	0.07	6.99	-100.6	2.312
	SMW-3S	6/2/2011	12:55	540	<1.0	<1.0	31	45	**220**	4	17.19	0.20	7.47	-80.5	1.898
	SMW-3D	6/2/2011	13:10	66	**22**	**24**	**73**	16	**91**	2.9	16.91	0.06	7.14	-77.8	1.838
	SMW-4S	6/3/2011	13:05	0.48	**8.2**	2.2	1.4	<1.0	1.8	**	15.68	0.18	7.91	-116.5	1.708
	SMW-4D	6/3/2011	13:05	4	<1.0	<1.0	<1.0	4.3	1	**	15.42	0.04	7.31	-106.9	1.909
	SMW-5S	6/3/2011	13:15	**	<1.0	<1.0	<1.0	<1.0	1.3	**	15.92	0.03	7.48	-95.5	1.679

Table 4a - Source Area Groundwater Sampling Analytical Results																
Source Area Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					**TOC**	**YSI Readings**				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-5D	6/3/2011	13:25	**	<1.0	<1.0	<1.0	12	**4.6**	**	15.73	0.03	7.16	-87	1.990
	SMW-6S	6/3/2011	13:45	21	<1.0	<1.0	<1.0	2.6	1.7	**	16.24	0.03	7.61	-65.2	1.726
	SMW-6D	6/3/2011	13:50	320	**86**	**140**	**2400**	93	**630**	**	15.96	0.03	7.14	-72.4	1.848
September 2012	**SMW-1S**	9/18/2012	12:12	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	20.50	0.15	6.9	129.9	1.410
	SMW-1D	9/18/2012	11:25	**	**20**	**30**	58	12	**110**	**	18.80	0.70	6.8	106.9	1.580
	SMW2S	9/18/2012	14:00	**	<1.0	<1.0	2.7	<1.0	1.8	**	22.40	0.12	6.8	121.1	1.440
	SMW-2D	9/18/2012	13:00	**	<1.0	<1.0	**1600**	89	**1000**	**	19.30	0.25	6.5	105.4	1.740
	SMW-3S	9/18/2012	15:46	**	<1.0	<1.0	10	16	**170**	**	22.48	0.09	6.6	-91.9	1.530
	SMW-3D	9/18/2012	14:56	**	**230**	**120**	**330**	30	**200**	**	19.78	0.19	6.5	-68.4	1.618
	SMW-4S	9/18/2012	10:05	**	1.3	1.7	2.6	<1.0	1.2	**	21.24	0.19	7.1	-141.2	1.510
	SMW-4D	9/18/2012	9:23	**	<1.0	<1.0	<1.0	3.7	<1.0	**	18.69	0.35	6.65	-110.7	1.670
	SMW-5S	9/18/2012	11:59	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	21.44	0.09	6.9	-72.9	1.510
	SMW-5D	9/18/2012	11:06	**	<1.0	<1.0	1.5	12	**4**	**	19.23	0.21	6.46	-83.4	1.770
	SMW-6S	9/18/2012	13:08	**	<1.0	<1.0	1.2	1	**4.9**	**	21.49	0.13	6.7	-92.2	1.570
	SMW-6D	9/18/2012	14:05	**	**110**	**150**	**1400**	**150**	**540**	**	19.18	0.14	6.5	-77	1.740
May 2013	**SMW-1S**	5/1/2013	13:56	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.90	0.01	6.6	298	1.580
	SMW-1D	5/1/2013	13:12	**	**11**	**20**	52	11	**100**	**	17.40	0.01	6.6	118	1.630
	SMW2S	5/1/2013	15:36	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.60	0.02	4.9	112	2.800
	SMW-2D	5/1/2013	16:17	**	<1.0	<1.0	**920**	41	**1000**	**	16.70	0.01	5.2	130	2.990
	SMW-3S	5/1/2013	15:34	**	<5.0	<5.0	27	19	**45**	**	16.20	45.00	5.5	-108	2.800
	SMW-3D	5/1/2013	16:20	**	**47**	**32**	**130**	18	**66**	**	17.10	42.00	6.6	-45	1.600
	SMW-4S	5/1/2013	11:47	**	**6.9**	<1.0	3.9	1	<1.0	**	15.20	49.00	5.9	-158	1.660
	SMW-4D	5/1/2013	12:33	**	<1.0	<1.0	<1.0	4.4	<1.0	**	16.40	44.60	6.8	-175	1.600
	SMW-5S	5/1/2013	13:15	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.70	40.20	5.1	-99	3.200
	SMW-5D	5/1/2013	14:18	**	<1.0	<1.0	<1.0	1.7	**4.5**	**	17.20	41.00	5.5	-109	3.800
	SMW-6S	5/1/2013	12:17	**	<1.0	<1.0	<1.0	<1.0	**5.4**	**	15.50	0.01	5.70	177	2.120
	SMW-6D	5/1/2013	11:40	**	**87**	**120**	**560**	48	**240**	**	16.40	0.02	6.20	222	2.100
June 2014	**SMW-1S**	6/1/2014		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	SMW-1D	6/24/2014	10:32	**	**256**	**134**	**156**	**623**	**464**	**	16.80	1.10	6.6	-82	2.380

Table 4a - Source Area Groundwater Sampling Analytical Results																
Source Area Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					**TOC**	**YSI Readings**				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW2S	6/1/2014		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	SMW-2D	6/4/2014	10:53	<13	<1.0	<1.0	<1.0	12	<1	56	17.30	46.00	6.5	-134	2.000
	SMW-3S	6/4/2014	10:29	22	<1.0	<1.0	8.8	6	**7.8**	10	17.00	5.40	6.3	-61	1.370
	SMW-3D	6/4/2014	9:18	120	**140**	**100**	**560**	43	**220**	8.4	16.60	4.20	6.3	-57	1.610
	SMW-4S	6/24/2014	9:43	**	3.4	2.5	1.1	<1.0	<1.0	**	16.80	**	6.9	-96	1.300
	SMW-4D	6/24/2014	10:32	**	1	<1.0	<1.0	3	<1.0	**	16.20	**	6.5	-88	1.700
	SMW-5S	6/1/2014		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	SMW-5D	6/24/2014	9:36	**	<1.0	<1.0	<1.0	1.6	<1.0	**	16.40	5.80	6.5	-127	3.110
	SMW-6S	6/1/2014		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	SMW-6D	6/4/2014	9:35	68	**87**	**110**	**480**	32	**210**	2.5	16.60	29.00	6.60	-96	1.700
June 2015	**SMW-1D**	6/11/2015	12:06	**	**561**	**270**	**222**	25.4	**164**	**	18.00	0.00	6.4	-118.4	1.833
	SMW-2D	6/3/2015	11:00	20	<1.0	<1.0	<1.0	5.2	<1.0	28	17.20	0.50	4.9	344	1.700
	SMW-3S	6/3/2015	11:45	29	<1.0	<1.0	4.1	1.7	**5.1**	8.2	17.00	0.01	6.4	-71	1.123
	SMW-3D	6/3/2015	9:29	140	**170**	**240**	**1500**	57	**410**	2.6	17.60	0.34	6.3	-52	1.604
	SMW-4S	6/9/2015	17:00	**	**11.5**	2.3	<1.0	2.0	<1.0	**	16.50	0.05	6.9	-79	1.198
	SMW-4D	6/11/2015	11:33	**	2.0	<1.0	<1.0	2.8	<1.0	**	18.00	1.94	6	147	1.583
	SMW-5D	6/11/2015	13:03	**	<1.0	<1.0	<1.0	1.6	<1.0	**	18.00	4.90	5.5	1.31	2.480
	SMW-6D	6/3/2015	9:41	40	**79**	**98**	**310**	19	**130**	2.3	16.40	0.40	5.70	290	1.748
June 2016	**SMW-1D**	6/15/2016		**	**240**	**320**	**320**	9.9	**180**	**	18.68	0.32	6.26	-81	1.437
	SMW-2D	9/13/2016		120	**<10.0**	**<10.0**	66	13	**64**	20	19.32	4.04	6.77	-90	1.352
	SMW-3S	9/13/2016		35	0.19 J	0.45 J	15	3.4	**19**	8	21.34	0.47	6.64	-89	1.236
	SMW-3D	9/13/2016		97	**380**	**550**	**2800**	67	**580**	2.6	18.74	0.84	6.53	-54	1.544
	SMW-4S	6/15/2016		**	**11**	1.8 LJ	1.1 LJ	<5.0	<5.0	**	18.09	0.57	6.51	-67	1.015
	SMW-4D	6/14/2016		**	<5.0	<5.0	<5.0	2.7 LJ	<5.0	**	16.69	0.18	6.37	-86	1.202
	SMW-5D	6/15/2016		**	<5.0	<5.0	1.3 LJ	2.4 LJ	1.6 LJ	**	19.46	0.23	6.04	-109	1.804
	SMW-6D	9/13/2016		42	**28**	**120**	**490**	21	**180**	1.9	18.68	6.62	6.61	-48	1.676
June 2017	**SMW-1D**	6/22/2017		**	**67.8**	**353**	**806**	8.3	**223**	**	19.02	0.46	6.76	-168	1.246
	SMW-2D	6/12/2017		694	<1.0	0.12 J	38	24.0	**91**	14	18.56	0.26	6.88	-120	1.397
	SMW-3S	6/12/2017		532	<1.0	0.17 J	29	5.0	**72**	6.3	19.38	0.27	6.71	-75	1.381

Table 4a - Source Area Groundwater Sampling Analytical Results																
Source Area Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					**TOC**	**YSI Readings**				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-3D	6/12/2017		204	**390**	**590**	**3400**	75.0	**490**	2.4	18.58	6.70	6.70	-59	1.580
	SMW-4S	6/14/2017		**	**13.4**	<10	<1.0	<1.0	<1.0	**	17.92	1.52	7.12	-74	0.735
	SMW-4D	6/14/2017		**	1.2	<1.0	<1.0	1.4	1.7	**	16.98	0.29	7.01	-101	0.618
	SMW-5D	6/21/2017		**	<1.0	1.3	18.1	2.9	**10.3**	**	21.37	5.57	6.83	-126	1.385
	SMW-6D	6/12/2017		62	**21**	**58**	**570**	14.0	**180**	2	18.42	1.15	6.77	-51	1.705
May 2018	**SMW-1D**	5/16/2018		284	**18**	**64**	**260**	4.7	**82**	2.9	18.39	1.30	6.86	-102	1.250
	SMW-2D	5/21/2018		1740	<1.0	<1.0	**513**	75.6	**942**	15	18.22	0.30	6.94	-218	1.234
	SMW-3S	5/21/2018		42	<1.0	<1.0	9.4	19.9	**37.7**	240	18.51	0.37	5.96	-123	1.062
	SMW-3D	5/17/2018		3870	**940**	**1900**	**7600**	**150.0**	**1400**	3.7	17.72	1.32	6.72	-169	1.575
	SMW-4S	5/21/2018		**	**7.4**	1.3	<1.0	<1.0	<1.0	**	17.01	0.41	7.26	-94	1.191
	SMW-4D	5/21/2018		**	<1.0	<1.0	3.4	1.5	**6.2**	**	16.30	0.35	7.04	-86	1.108
	SMW-5D	5/22/2018		**	<1.0	<1.0	19	3.4	**16.3**	**	16.39	2.00	5.70	28	1.354
	SMW-6D	5/16/2018		29	**<10**	**<10**	**150**	<10	**19**	3300	17.27	3.27	5.07	4	3.713
	SMW-7D	5/16/2018		<13	<1.0	<1.0	18	3.2	**7.8**	2.5	17.63	1.04	6.86	-85.6	1.477
	SMW-8D	5/17/2018		464	**55**	**82**	**210**	38	**82**	27	18.96	1.70	6.44	-148.5	1.955
	SMW-29D	5/17/2018		<13	1.4	2.4	17	2.1	**6.1**	3.6	19.77	1.20	6.66	-60.2	1.813
May 2019	**SMW-1D**	5/15/2019		64	**29**	**28**	**160**	<5	**71**	2.9	16.90	**	6.77	**	1.321
	SMW-2D	5/15/2019		941	<1	<1	**2070**	76.5	**1190**	1.2	15.79	0.28	6.92	-151	1.050
	SMW-3S	5/15/2019		**	<1	<1	11	11.8	**6.1**	**	14.96	0.33	6.54	-111	1.242
	SMW-3D	5/14/2019		4390	**4900**	**2900**	**10000**	**310.0**	**6300**	2.7	16.26	**	6.52	**	1.530
	SMW-4S	5/15/2019		**	3.6	<1	2	<1	<1	**	16.00	4.58	7.42	-82	1.580
	SMW-4D	5/15/2019		**	<1	<1	6	1.9	**11.8**	**	15.90	0.62	7.05	-88	1.640
	SMW-5D	5/15/2019		**	<1	**18.6**	56.6	5.2	**25.2**	**	15.70	3.90	6.74	-55	1.920
	SMW-6D	5/14/2019		<13	**24**	**24**	26	8.7	**16**	450	15.95	**	6.45	**	2.651
	SMW-7D	5/15/2019		<13	<1.0	<1.0	15	2	**7.6**	2.2	16.00	**	6.81	**	1.635
	SMW-8D	5/15/2019		99	**570**	**210**	**1700**	33	**270**	15	16.52	**	6.40	**	1.784
	SMW-29D	5/15/2019		<13	1.3	<1	17	2.8	**15**	4.1	0.89	**	6.55	**	1.722
June 2020	**SMW-1D**	6/5/2020		**	**560**	**1100**	**460**	<25	**88**	**	17.90	1.80	6.93	-70	1.225
	SMW-2D	6/4/2020		**	**<25**	**17 J**	**1200**	**120**	**1300**	**	18.13	1.18	7.12	-188	1.078
	SMW-3S	6/8/2020		**	<2	<2	11	2.9	**11**	**	18.52	2.52	6.40	-59	3.042

Table 4a - Source Area Groundwater Sampling Analytical Results

Source Area Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-3D	6/5/2020		1180	**51**	**300**	**5500**	**130**	**1900**	3.4	17.70	0.18	6.53	-75	1.629
	SMW-4S	6/2/2020		**	3.2	0.54 J	1	<1	<1	**	16.90	0.50	7.23	-56	0.986
	SMW-4D	6/3/2020		**	<1	<1	4	1.2	**5.9**	**	16.00	1.08	7.01	-98	1.158
	SMW-5D	6/2/2020		**	1.2	**12**	**72**	6.7	**36**	**	16.90	1.77	6.51	-86	1.381
	SMW-6D	6/3/2020		**	**11**	**43**	31	10	<1	**	17.20	2.73	6.54	-248	2.444
	SMW-7D	6/3/2020		**	0.99 J	0.74 J	16	2.3	**5.7**	**	17.40	0.93	7.10	-79	1.534
	SMW-8D	6/5/2020		205	**17**	**210**	**510**	21	**160**	1900	18.00	0.08	5.91	-93	3.137
	SMW-9D	6/5/2020		41.1	1.3	<1	**81**	3.5	**8.6**	880	18.20	0.19	6.16	-136	2.169
June 2021	**SMW-1D**	6/4/2021		155	570	630	460	3.3 J	76	**	20.66	1.47	6.21	-338.7	1.156
	SMW-2D	6/4/2021		627	<12	<11	1600	60	980	**	14.36	0.44	6.01	-125.8	0.923
	SMW-3D	6/4/2021		4,140	960	1200	4200	130 J	3200	**	15.35	0.69	4.56	-19.2	1.280
	SMW-4S	6/3/2021		**	4.5	0.6 J	1.8	<0.18	<0.58	**	17.10	5.3	7.14	-329.4	0.844
	SMW-4D	6/3/2021		**	0.52 J	<0.22	5.5	1.6	12	**	16.13	0.39	7.12	-378.5	1.056
	SMW-5D	6/4/2021		**	2.8	22	130	5.7	81	**	18.10	0.21	6.42	-74.4	1.321
	SMW-6D	6/4/2021		**	21	35	25	7.6	15	**	14.93	3.17	5.10	-304.4	1.731
	SMW-7D	6/2/2021		**	0.61 J	0.43 J	12	1.1	6.3	**	16.55	0.38	7.32	-360.3	1.264
November 2021	**SMW-1D**	11/15/2021		155	450	1,100	690	<5	110	**	19.50	0.51	6.97	-37.3	1.416
	SMW-2D	11/15/2021		627	<2.0	3.5	2,000	66	1,400	**	19.00	0.42	6.91	-79.2	1.372
	SMW-3S	11/16/2021		<13	<2.0	<2.0	<2.0	3.5	4.1	**	18.00	0.14	6.69	-86.8	1.622
	SMW-3D	11/15/2021		4,140	430	1,000	3,400	140	2,600	**	18.50	0.17	6.65	-0.5	1.773
	SMW-8D	11/16/2021		<13	<2.0	<2.0	2.5	3.7	2.2	68	18.10	0.22	6.58	-66.2	1.988
	SMW-9D	11/16/2021		<13	<2.0	<2.0	<2.0	3.9	3.2	110	18.70	4.63	6.86	-47.3	2.074
November 2022	**SMW-1D**	11/7/2022		113	200	1,200	1,000	<5	91	**	19.20	0.12	6.83	-70.5	1.309
	SMW-2D	11/8/2022		304	<5.0	<5.0	1,600	47	770	**	19.00	0.12	7.01	-183.5	1.240
	SMW-3S	11/7/2022		41.6	<1.0	1.8	26	3.4	13	**	19.70	0.16	6.59	-116.9	1.531
	SMW-3D	11/8/2022		3530	1,400	1,500	7,000	160	3,600	**	19.10	0.16	6.58	-175.1	1.746
	SMW-4S	11/3/2022		**	3.6	<0.54	0.92 J	<0.52	<0.82	**	**	**	**	**	**
	SMW-4D	11/3/2022		**	<0.48	<0.54	4	1.2 J	5.4	**	**	**	**	**	**
	SMW-5D	11/8/2022		29.9	<1.0	1.5	58	2.9	26	21	18.70	0.13	6.60	-109.6	1.555

Table 4a - Source Area Groundwater Sampling Analytical Results

Source Area Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L		mV	mS/cm³
	SMW-6D	11/3/2022		**	<0.48	<0.54	<0.62	1.6 J	<0.82	**	**	**	**	**	**
	SMW-7D	11/3/2022		**	<0.48	<0.54	7.9	<0.52	5.6	**	**	**	**	**	**
	SMW-8D	11/8/2022		13	<2.0	<2.0	3.4	2.3	2.6	37	19.90	0.01	6.65	-125.8	2.072
	SMW-9D	11/8/2022		**	<2.0	<2.0	23	14	39	58	19.60	0.12	6.58	-108.3	1.835

** No data available

Table 4b – Hot Spot Groundwater Sampling Analytical Results																
Hot Spot Sampling Results				**Laboratory Data**								**Field Data**				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
Baseline 2007	**HSI-15**	5/31/07	12:50	<2.0	**1300**	**320**	**82**	<5.0	**<5.0**	2.4	17.99	0.03	7.69	130.1	1.330
	HSI-16	5/31/07	13:10	<2.0	**1900**	**110**	21	<5.0	**<5.0**	2.9	18.02	0.04	7.31	130.3	1.449
	HSI-18	5/31/07	14:40	<2.0	**970**	**180**	**95**	8.1	**<5.0**	3.2	15.87	0.05	7.38	49.8	1.462
	HSI-20	5/31/07	14:05	<2.0	7.3	<1.0	<1.0	<1.0	<1.0	4.2	15.07	0.05	7.30	40.0	1.790
	HSI-6	6/1/07	10:30	<2.0	**67**	3.9	11	<1.0	<1.0	2.4	17.08	0.03	7.23	-104.9	1.327
	HSI-7	6/1/07	11:20	<2.0	**2000**	**430**	**100**	<5.0	**<5.0**	2.2	16.40	0.01	7.48	31.9	1.257
July 2008 (60 Day)	**HSI-6**	8/5/08	14:30	**	<1.0	<1.0	<1.0	<1.0	**17**	67	22.57	0.05	7.81	-132.6	1.506
	HSI-15	8/5/08	15:30	**	<1.0	<1.0	<1.0	<1.0	**11**	59	22.99	0.07	8.14	-164.3	1.495
	HSI-16	8/5/08	16:45	**	<1.0	<1.0	<1.0	<1.0	**20**	120	22.58	0.09	8.04	-178.3	1.484
	HSE-1	8/6/08	15:00	**	<5.0	<5.0	**700**	8.2	**<5.0**	4.2	20.16	0.09	8.64	-127.8	0.949
	HSE-7	8/6/08	15:15	**	**25**	**36**	**860**	10	**70**	35	20.16	0.12	8.41	-117.7	1.167
	HSE-9	8/6/08	15:30	**	<5.0	<5.0	540	5.4	**9.4**	52.0	18.88	0.05	8.55	-110.3	1.165
	HSE-10	8/6/08	15:45	**	**62**	**38**	**680**	8.9	**170**	17	21.19	0.14	8.72	-123.4	1.222
	HSE-12	8/6/08	16:00	**	<5.0	<5.0	**1000**	11	**200**	53.0	21.39	0.05	8.80	-111.4	1.339
	HSE-14	8/6/08	16:10	**	**55**	**16**	**520**	5.2	**93**	59	20.84	0.09	8.87	-122.8	1.368
	EX-16	7/31/08	13:40	**	**11**	**1.1**	**410**	2.2	**470**	4.8	18.54	0.04	6.76	-60.9	1.374
	Manifold	8/6/08	16:20	**	**30**	**16**	**700**	8.8	**100**	36	20.44	0.03	8.90	-111.6	1.221
August 2008 (90 Day)	**HSI-6**	8/26/08	14:20	**	<1.0	<1.0	<1.0	<1.0	**20**	52	22.64	0.12	7.66	-169.2	1.588
	HSI-15	8/26/08	15:20	**	<1.0	<1.0	<1.0	<1.0	**9.0**	35	22.10	0.14	8.02	-164.9	1.382
	HSI-16	8/26/08	15:00	**	<1.0	<1.0	<1.0	<1.0	**21**	110	22.62	0.11	7.94	-176.1	1.352
	HSE-1	8/26/08	12:40	**	**25**	**28**	**600**	7.4	**240**	22	21.46	0.07	8.47	-174.5	1.230
	HSE-7	8/26/08	12:40	**	**15**	**25**	**480**	9.3	**370**	39	20.71	0.05	8.41	-152.0	1.264
	HSE-9	8/26/08	13:15	**	**15**	**19**	**610**	7.4	**160**	46	21.36	0.05	8.34	-180.4	1.131
	HSE-10	8/28/08	13:00	**	**17**	**36**	**550**	11	**450**	29	21.08	0.10	8.44	-160.1	1.244
	HSE-14	8/26/08	13:00	**	**12**	**33**	**420**	7.0	**310**	8.1	22.19	0.04	8.36	-171.3	1.251
	EX-16	8/28/08	15:55	**	<1.0	<1.0	57	2.5	**460**	5.0	19.70	0.06	6.95	-98.9	1.296
	Manifold	8/26/08	14:35	**	**18**	**27**	**500**	8.8	**350**	27	**	**	**	**	**

Table 4b – Hot Spot Groundwater Sampling Analytical Results																
Hot Spot Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
November 2008 (120 Day)	**HSI-6**	11/18/08	12:00	3.3	<1.0	<1.0	<1.0	4.7	<1.0	38	20.31	0.19	5.92	-125.1	1.684
	HSI-15	11/18/08	12:40	1.7	<1.0	<1.0	<1.0	4.1	<1.0	12	20.42	0.19	5.55	-116.3	1.750
	HSI-16	11/18/08	13:15	12	<1.0	<1.0	<1.0	5.0	**15**	21	20.61	0.19	5.71	-122.6	1.763
	HSE-1	11/14/08	12:15	140	<1.0	<1.0	8.4	11	**45**	87	20.58	0.05	6.40	-141.3	1.513
	HSE-7	11/14/08	12:25	140	<1.0	<1.0	<1.0	11	**9.4**	110	20.17	0.04	6.39	-126.5	1.519
	HSE-9	11/14/08	12:30	73	<1.0	<1.0	17	10	**490**	120	20.57	0.02	6.41	-130.5	1.576
	HSE-10	11/14/08	12:35	160	<1.0	<1.0	2.4	11	**47**	100	20.27	0.03	6.43	-117.0	1.519
	HSE-14	11/14/08	12:40	79	4.1	**5.1**	44	10	**190**	74	19.97	0.03	6.42	-140.6	1.529
	EX-16	11/19/08	11:50	13	**<10**	**<10**	35	<10	**490**	4.8	19.20	0.07	6.90	-104.0	1.550
	R-25	11/19/08	11:05	40	1.0	32	46	3.4	**600**	3.7	19.60	0.05	7.03	-126.5	1.473
	EX-17	11/19/08	10:30	4.7	**5.1**	3.8	**130**	3.3	**310**	2.6	20.34	0.02	7.02	-30.4	1.411
	Manifold	11/14/08	12:45	140	<1.0	<1.0	7.7	11	**170**	110	19.98	0.03	6.42	-129.1	1.530
March 2009	**HSE-1**	3/18/09	12:00	81	<1.0	<1.0	1.8	5.6	**5.3**	15	14.61	0.05	6.99	-95.3	1.278
	HSE-3	3/18/09	12:15	60	<1.0	<1.0	1.5	10	1.9	11	14.58	0.06	6.97	-112.9	1.425
	HSE-5	3/18/09	12:40	51	<1.0	<1.0	8.1	6.4	**23**	24	16.17	0.11	7.01	-121.8	1.480
	HSE-7	3/18/09	12:55	1.1	<1.0	<1.0	<1.0	4.8	<1.0	36	14.74	0.11	7.04	-120.3	1.621
	HSE-9	3/18/09	13:15	29	<1.0	<1.0	<1.0	7.7	<1.0	43	14.56	0.07	7.06	-99.3	1.445
	HSE-10	3/18/09	13:30	13	<1.0	<1.0	<1.0	6.6	<1.0	30	15.89	0.05	7.07	-124.9	1.566
	HSE-14	3/18/09	13:45	16	<1.0	<1.0	1.5	8.3	**5.6**	23	14.94	0.07	7.07	-109.1	1.482
	EX-13	3/17/09	12:30	12	<1.0	1.0	54	3.1	**250**	2.8	15.38	0.03	6.98	-24.2	1.153
	EX-16	3/17/09	15:40	44	<1.0	<1.0	4.9	2.8	**170**	3.5	14.21	0.05	6.35	26.2	1.253
	R-25	3/17/09	14:55	33	<1.0	**12**	17	3.7	**290**	3.1	15.55	0.04	6.31	30.0	1.234
	EX-17	3/17/09	14:20	3.8	4.0	2.8	**120**	1.9	**150**	2.5	15.20	0.02	6.06	71.5	1.240
	Manifold	3/18/09	14:15	39	<1.0	<1.0	2.7	7.0	**5.6**	40	15.19	0.07	7.08	-117.5	1.474
July2009	**HSE-1**	7/6/09	13:00	5.4	<1.0	**5.8**	13	6.9	**6.3**	21	**	**	**	**	**
	HSE-3	7/6/09	11:55	1.6	<1.0	<1.0	<1.0	7.6	<1.0	5.4	**	**	**	**	**
	HSE-5	7/6/09	12:25	14	<1.0	1.6	7.6	7.0	**5.0**	5.7	**	**	**	**	**
	HSE-7	7/6/09	12:55	7.8	<1.0	<1.0	4.7	8.1	**4.4**	18	**	**	**	**	**
	HSE-9	7/6/09	13:40	3.2	<1.0	<1.0	<1.0	6.7	<1.0	31	**	**	**	**	**

Table 4b – Hot Spot Groundwater Sampling Analytical Results																
Hot Spot Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	HSE-10	7/6/09	13:55	2.7	<1.0	<1.0	<1.0	5.9	<1.0	17	**	**	**	**	**
	HSE-14	7/6/09	14:15	5.0	<1.0	1.3	7.6	6.9	**6.0**	19	**	**	**	**	**
	EX-13	7/8/09	11:10	54	<1.0	<1.0	17	4.4	**190**	3.3	**	**	**	**	**
	EX-16	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	R-25	7/8/09	12:20	68	<1.0	**13**	17	4.1	**170**	3.6	**	**	**	**	**
	EX-17	7/8/09	11:45	16	2.9	2.0	35	2.0	**66**	3.0	**	**	**	**	**
	Manifold	7/6/09	14:35	11	2.2	1.5	9.7	6.9	**5.7**	13	**	**	**	**	**
October 2009	**HSE-1**	10/29/09	10:45	1.4	<1.0	<1.0	<1.0	11	<1.0	24	**	**	**	**	**
	HSE-2	10/29/09	11:05	4.8	<1.0	<1.0	<1.0	4.3	<1.0	220	**	**	**	**	**
	HSE-3	10/29/09	12:52	3.7	<1.0	<1.0	<1.0	1.4	<1.0	38	**	**	**	**	**
	HSE-4	10/29/09	11:12	1.1	<1.0	<1.0	<1.0	5	<1.0	6.1	**	**	**	**	**
	HSE-5	10/29/09	12:15	1.7	<1.0	<1.0	<1.0	4	<1.0	7.6	**	**	**	**	**
	HSE-6	10/29/09	12:00	1	<1.0	<1.0	<1.0	4	<1.0	42	**	**	**	**	**
	HSE-7	10/29/09	12:08	5.5	<1.0	<1.0	<1.0	5.2	1.1	38	**	**	**	**	**
	HSE-8	10/29/09	11:50	1.3	<1.0	<1.0	<1.0	4.1	<1.0	12	**	**	**	**	**
	HSE-9	10/29/09	13:38	0.36	<1.0	<1.0	<1.0	3.3	<1.0	49	**	**	**	**	**
	HSE-10	10/29/09	13:24	0.29	<1.0	<1.0	<1.0	3.7	<1.0	31	**	**	**	**	**
	HSE-11	10/29/09	13:31	4.2	<1.0	<1.0	<1.0	3.8	1.2	23	**	**	**	**	**
	HSE-12	10/29/09	13:13	3.7	<1.0	<1.0	<1.0	3.8	1	470	**	**	**	**	**
	HSE-13	10/30/09	10:55	4.7	<1.0	<1.0	<1.0	1.4	<1.0	18	**	**	**	**	**
	HSE-14	10/29/09	14:01	1.7	<1.0	<1.0	<1.0	4.3	<1.0	83	**	**	**	**	**
	HSI-4	10/27/09	11:45	0.41	<1.0	<1.0	<1.0	2	<1.0	9.6	**	**	**	**	**
	HSI-6	10/28/09	10:15	1.5	<1.0	<1.0	<1.0	2.1	<1.0	14	**	**	**	**	**
	HSI-7	10/28/09	11:00	0.93	<1.0	<1.0	10	4.7	**3.8**	97	**	**	**	**	**
	HSI-11	10/27/09	11:00	3.1	<1.0	<1.0	5.9	4.7	**3.8**	63	**	**	**	**	**
	HSI-15	10/27/09	13:25	0.35	<1.0	<1.0	<1.0	1.7	<1.0	12	**	**	**	**	**
	HSI-16	10/27/09	14:05	11	<1.0	<1.0	<1.0	2.3	<1.0	18	**	**	**	**	**
	HSI-18	10/27/09	15:35	0.31	<1.0	<1.0	<1.0	1.5	<1.0	32	**	**	**	**	**

Table 4b – Hot Spot Groundwater Sampling Analytical Results

Hot Spot Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	HSI-20	10/27/09	14:45	0.14	<1.0	<1.0	<1.0	2.2	<1.0	7.8	**	**	**	**	ND***
	EX-13	11/2/09	13:27	**	<0.5	0.41 LJ	5.9	3.2	**24**	**	21.48	0.07	8.20	-33.2	1.049
	EX-16	11/3/09	14:09	**	<0.5	<0.5	0.42 LJ	2.8	**7.5**	**	19.46	3.31	7.04	-157.5	2.177
	EX-17	11/2/09	12:44	**	1.9	1	9.4	0.95	**11**	**	20.35	0.07	8.17	-13.4	1.068
	R-24	11/2/09	15:05	**	<0.5	0.23 LJ	0.81	2.3	1.5	**	20.38	1.53	6.89	-80	2.439
	R-25	11/2/09	14:23	**	0.5	1.3	1.9	3.4	**15**	**	19.40	0.11	8.18	-42.3	1.075
December 2010	**HSE-10**	12/20/2010	12:05	**	<1.0	<1.0	<1.0	1.5	<1.0	**	17.02	0.16	7.11	-92.3	2.629
	HSI-14	12/20/2010	12:40	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.85	0.03	7.12	-176.2	3.409
	HSE-14	12/20/2010	13:00	**	<1.0	<1.0	<1.0	2.5	<1.0	**	17.78	0.02	7.04	-122.1	2.233
	HSI-7	12/20/2010	13:25	**	<1.0	<1.0	<1.0	2.6	<1.0	**	16.84	0.04	7.14	-129.5	1.843
February 2011	**HSI-9**	2/15/2011	14:30	**	<1.0	<1.0	<1.0	<1.0	<1.0	8.1	14.31	0.35	6.99	-129.0	1.279
	HSI-7	2/15/2011	15:05	**	<1.0	<1.0	<1.0	3.2	<1.0	4.1	14.66	0.09	7.13	-117.0	1.406
	HSE-6	2/16/2011	10:10	**	<1.0	<1.0	<1.0	1.7	<1.0	5.4	12.98	0.13	6.93	-107.4	1.318
	HSE-10	2/16/2011	10:45	**	<1.0	<1.0	<1.0	1.9	<1.0	7.7	14.67	0.14	7.01	-100.5	1.790
	HSI-19	2/16/2011	11:10	**	<1.0	<1.0	<1.0	<1.0	<1.0	37	15.56	0.20	6.99	-102.9	2.209
	HSE-14	2/16/2011	11:14	**	<1.0	<1.0	<1.0	3.0	<1.0	5.6	15.26	0.09	7.04	-96.8	1.575
	HSI-14	2/16/2011	12:05	**	<1.0	<1.0	<1.0	<1.0	<1.0	17	15.39	0.23	7.11	-173.1	2.605
	HSI-11	2/16/2011	12:40	**	<1.0	<1.0	<1.0	<1.0	<1.0	3.1	12.64	0.06	7.45	-145.2	1.025
	EX-13	2/7/2011	12:25	**	<0.5	<0.5	<0.5	2.8	**3.4**	**	16.49	0.56	6.45	-44.3	1.482
	EX-16	2/7/2011	14:42	**	<1.0	<1.0	<1.0	2.2	**5.4**	**	15.74	-	6.57	-77.8	1.775
	R-24	2/14/2011	13:45	**	**7.4**	**7.8**	9.8	2	**8.8**	**	16.25	2.73	6.48	-75.4	1.424
	R-25	2/7/2011	13:55	**	<1.0	<1.0	<1.0	2.80	**3.40**	**	16.10	0.56	6.46	-63.8	1.614
June/Aug 2011	**HSE-6**	6/1/2011	14:20	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.14	0.08	7.21	-124.3	1.854
	HSE-10	6/1/2011	15:10	**	<1.0	<1.0	<1.0	3	<1.0	**	18.16	0.13	7.17	-121.5	2.636
	HSE-14	6/2/2011	12:10	**	<1.0	<1.0	<1.0	3.2	<1.0	5	17.27	0.19	7.07	-106.6	2.539
	HSI-7	6/1/2011	12:40	**	<1.0	<1.0	<1.0	1.3	<1.0	3.8	17.52	0.02	7.19	-152.4	1.985
	HSI-9	6/1/2011	13:45	**	<1.0	<1.0	<1.0	<1.0	<1.0	8.5	16.53	0.07	7.09	-138.5	1.889
	HSI-11	6/1/2011	13:15	**	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	16.14	0.02	7.5	-172.8	1.627

Table 4b – Hot Spot Groundwater Sampling Analytical Results

Hot Spot Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	HSI-14	6/1/2011	14:45	**	<1.0	<1.0	<1.0	<1.0	<1.0	14	17.69	0.17	7.23	-181.2	3.962
	HSI-19	6/2/2011	11:40	**	<1.0	<1.0	<1.0	<1.0	<1.0	45	17.3	0.07	7.07	-121.9	3.476
	EX-13	8/24/2011	10:23	**	<5.0	<5.0	<5.0	2	**3.9**	**	23.3	0.20	6.69	55.4	1.556
	EX-16	8/24/2011	11:48	**	<5.0	<5.0	<5.0	1.7	**2.2**	**	22.12	0.41	6.31	50.0	1.859
	R-24	8/29/2011	14:15	**	**35**	**20**	8.6	3.5	**7.2**	**	21.87	0.10	**	**	1.874
	R-25	9/1/2011	14:00	**	<5.0	<5.0	<5.0	2.1	**4.9**	**	20.75	0.13	6.92	-87.8	1.722
March 2012	**EX-13**	3/22/2012	15:20	**	<0.5	<0.5	0.23	1	1.8	**	16.34	**	6.55	-142.7	1.255
	EX-16	3/22/2012	15:20	**	<0.5	<0.5	<0.5	0.84	1.30	**	15.82	**	6.64	**	1.667
	R-24	3/28/2012	11:52	**	3.5	3	1.3	3.1	**<5.0**	**	16.29	0.49	6.62	-218.9	1.793
	R-25	3/29/2012	12:06	**	<0.5	<0.5	0.2	1.5	1.7	**	16.36	0.48	6.79	-217	1.455
September 2012	**HSI-7**	9/19/2012	18:05	**	<1.0	<1.0	<1.0	1.5	<1.0	**	21.3	0.35	6.8	133	1.430
	HSI-9	9/19/2012	10:03	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	19.6	0.37	6.6	95.4	1.690
	HSI-11	9/19/2012	9:55	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	20.36	0.17	7.1	-171.3	1.467
	HSI-14	9/19/2012	15:06	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	21.2	0.23	6.4	119	2.500
	HSI-19	9/19/2012	13:05	**	<1.0	<1.0	2.1	<1.0	<1.0	**	21.33	0.2	6.7	-107.3	2.310
	HSE-6	9/19/2012	12:59	<0.001	<1.0	<1.0	<1.0	<1.0	<1.0	**	20.8	0.17	6.6	122.5	1.570
	HSE-10	9/19/2012	16:04	<0.001	<1.0	<1.0	<1.0	3	**12**	**	21.93	0.25	6.7	-116.6	1.845
	HSE-14	9/19/2012	14:32	<0.001	<1.0	<1.0	<1.0	3	<1.0	**	21.3	0.47	6.6	-117.7	1.974
May 2013	**HSE-6**	5/2/2013	14:30	0.0013	<1.0	<1.0	8.3	1.7	**7.6**	**	14.9	0.01	6.7	101	1.560
	HSE-10	5/2/2013	14:58	0.0012	<1.0	<1.0	<1.0	1.7	1.6	**	16.3	0.2	6.7	-62	1.800
	HSE-14	5/2/2013	16:50	<0.001	<1.0	<1.0	<1.0	1.5	<1.0	**	16.3	0.18	6.5	-59	2.200
	HSI-7	5/2/2013	13:09	**	<1.0	<1.0	3.4	1.7	**5.2**	**	15.7	0.2	6.9	-103	1.400
	HSI-9	5/2/2013	11:23	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	14.8	0.5	6.8	-48	1.500
	HSI-11	5/2/2013	12:06	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	14.4	0.05	7.1	128	1.640
	HSI-14	5/2/2013	16:20	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.2	0.01	6.4	107	2.470
	HSI-19	5/2/2013	18:02	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.6	0.01	6.5	89	2.350
June 2014	**HSE-6**	6/19/2014	12:12	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.4	**	6.7	-120	1.820
	HSE-10	6/19/2014	13:14	**	<1.0	<1.0	<1.0	1	<1.0	**	17.6	**	6.4	-101	1.600

Table 4b – Hot Spot Groundwater Sampling Analytical Results

Hot Spot Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	HSE-14	6/19/2014	13:12	**	<1.0	<1.0	<1.0	1.2	<1.0	**	17.4	**	6.6	-108	1.590
	HSI-7	6/19/2014	10:48	**	<1.0	<1.0	<1.0	1.1	<1.0	**	17	**	6.7	-132	1.520
	HSI-9	6/19/2014	11:16	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.3	**	6.6	-128	0.300
June 2015	**HSE-6**	6/8/2015	12:52	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.3	0.09	6.7	-102	1.227
	HSE-10	6/8/2015	15:30	**	<1.0	<1.0	<1.0	1.7	**1.6**	**	17.3	0	6.5	-68	1.544
	HSE-14	6/14/2015	16:48	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.8	0	6.5	-81	1.513
	HSI-7	6/8/2015	13:09	**	<1.0	<1.0	1.1	1.2	**2.1**	**	16.6	0.04	6.7	-113	1.324
	HSI-9	6/8/2015	18:10	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	15.7	0	6.5	-121	1.461
	HSI-11	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	HSI-14	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	HSI-19	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
June 2016	**HSE-6**	6/16/2016		**	0.10 UJ	0.10 UJ	2.1	<0.50	0.75	**	16.33	0.31	6.98	-121	0.940
	HSE-10	6/16/2016		**	<0.5	<0.5	<0.5	<0.5	<0.5	**	17.16	0.17	6.82	-115	1.090
	HSE-14	6/16/2016		**	<0.5	<0.5	<0.5	<0.5	<0.5	**	17.17	0.15	6.85	-111	1.111
	HSI-7	6/7/2016		**	<0.5	<0.5	2.7	0.87	**3.4**	**	16.36	0.27	6.55	-109	0.767
	HSI-9	6/22/2106		**	<0.50	<0.50	<0.50	0.14 UJ	<0.50	**	16.57	0.34	7.00	-126	0.819
June 2017	**HSE-6**	6/22/2017		**	<1.0	<1.0	9.2	<1.0	**2.6**	**	17.26	0.36	7.00	-178	0.855
	HSE-10	6/19/2017		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.99	0.16	6.90	-130	0.920
	HSE-14	6/15/2017		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.43	0.18	6.72	-103	1.042
	HSI-7	6/13/2017		**	<1.0	<1.0	<1.0	1.1	**1.2**	**	16.9	0.29	6.67	-134	1.013
	HSI-9	6/12/2017		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	16.43	0.33	7.01	-138	0.756
May 2018	**HSE-6**	5/1/2018		**	<1.0	<1.0	4.9	<1.0	1.6	**	14.48	0.28	6.93	-106	1.043
	HSE-10	5/1/2018		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	15.85	0.19	6.86	-153	1.061
	HSE-14	5/1/2018		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	15.5	0.2	6.88	-207	0.931
	HSI-7	5/3/2018		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	15.95	0.2	6.43	-102	1.138
	HSI-9	5/2/2018		**	<1.0	<1.0	2.3	<1.0	1.2	**	14.85	0.32	6.69	-127	1.118
May 2019	**HSI-9**	5/6/2019		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	13.7	0.39	6.69	-118	0.998
	SMW-29D	5/15/2019		<13	1.3	<1	17	2.8	15	4.1	17.19	**	6.55	**	1.722
June 2020	**SMW-29D**	6/8/2020		**	0.87 J	0.8 J	19	3.8	12	**	17.8	0.08	6.73	-111	1.550

Table 4b – Hot Spot Groundwater Sampling Analytical Results

Hot Spot Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
June 2021	**SMW-29D**	5/28/2021		**	0.91 J	0.7 J	22	3.3	**12**	**	18.6	0.3	6.53	-73.8	1.448
November 2021	**HSE-9**	11/16/2021		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	18.3	1.91	7.54	5	1.134
	HSE-7	11/16/2021		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	18.6	2.15	7.67	-99.3	1.159
	SMW-29D	11/16/2021		**	<1.0	<1.0	17	2	7.8	**	18.5	0.48	6.98	-34.7	1.779
November 2022	**EX-13**	11/3/2022		**	<0.48	<0.54	<0.62	<0.52	1.5 J	**	**	**	**	**	**
	R-24	11/3/2022		**	<0.48	<0.54	2.4	<0.52	1.9 J	**	**	**	**	**	**
	R-25	11/3/2022		**	<0.48	<0.54	<0.62	<0.52	1.0 J	**	20.3	0.98	7.37	-78.5	1.129
	SMW-29D	11/8/2022		13	<1.0	<1.0	17	1.9	4.4	**	19.5	0.38	6.72	-85.3	1.708

Notes:
Remedial Goals are standards for groundwater as defined under 20.6.2.3103 NMAC New Mexico Water Quality Commission Regulations

** No data available

Table 4c – Biocurtain Groundwater Sampling Analytical Results

Bio Curtain Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
Baseline 2007	**BC-2**	10/22/07	N/A	**	4.9	**5.6**	1.6	0.6	<0.5	**	**	**	**	**	**
	BC-3	10/23/07	N/A	**	**30.4**	**28.7**	6.8	4.4	<0.5	**	**	**	**	**	**
	BC-4	10/23/07	N/A	**	**22.2**	**21.2**	38.4	7.6	<0.5	**	**	**	**	**	**
	BC-5	10/23/07	N/A	**	3.2	**5.6**	6.9	1.8	<0.5	**	**	**	**	**	**
July 2008 (60 Day)	**BC-2**	7/30/08	11:15	**	<1.0	<1.0	9.8	1.2	<1.0	46.0	19.70	0.03	7.38	-146.9	1.27
	BC-3	7/30/08	12:10	**	**11**	**20**	8.0	4.8	<1.0	3.0	18.40	0.03	7.17	44.0	1.09
	BC-4	7/30/08	13:15	**	5.0	**19**	32	7.2	<1.0	10.0	16.76	0.02	7.09	-113.9	1.24
	BC-5	7/30/08	14:15	**	<1.0	**5.6**	15	3.8	<1.0	21.0	15.63	0.05	7.06	-65.7	1.32
	BC-6	7/30/08	15:10	**	<1.0	<1.0	<1.0	<1.0	<1.0	5.1	14.97	0.03	7.71	41.9	1.58
	BCE-2	8/5/08	17:20	**	<1.0	1.1	1.1	<1.0	<1.0	6.0	20.12	0.08	8.18	-109.5	1.07
	BCE-5	8/5/08	17:40	**	**6.6**	**22**	17	12.0	<1.0	4.0	19.80	0.11	8.36	-103.0	1.07
	BCE-9	8/5/08	17:50	**	**3.9**	**4.4**	7.4	1.5	<1.0	4.4	15.58	0.14	8.41	-69.0	1.14
	Manifold	8/5/08	18:05	**	4.5	**9.8**	16	5.4	<1.0	9.2	16.60	0.06	8.47	-121.8	1.19
August 2008 (90 Day)	**BC-2**	8/28/08	13:50	**	<1.0	<1.0	25	4.7	<1.0	39.0	20.08	0.05	6.29	-253.4	1.18
	BC-3	8/28/08	14:35	**	<1.0	<1.0	27	4.8	<1.0	57.0	19.62	0.07	6.32	-106.2	1.17
	BC-4	8/28/08	15:10	**	<1.0	3.1	26	5.2	<1.0	30.0	18.16	0.06	6.72	-134.0	1.24
	BC-5	8/28/08	12:15	**	<1.0	1.2	23	4.7	<1.0	29.0	18.01	0.07	7.70	-207.7	1.17
	BC-6	8/28/08	12:55	**	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	15.10	0.04	7.04	30.2	1.11
	Manifold	8/28/08	13:15	**	2.1	**5.8**	21	4.7	<1.0	19.0	19.71	0.11	6.68	-134.1	1.18
November 2008 (120 Day)	**BC-2**	11/13/08	14:35	0.022	<1.0	<1.0	22	6.2	<1.0	18.0	18.46	0.08	6.52	-232.0	1.40
	BC-3	11/13/08	14:00	0.029	<1.0	<1.0	24	5.8	<1.0	21.0	18.79	0.04	6.64	-200.0	1.41
	BC-4	11/13/08	13:20	0.032	<1.0	2.1	27	7.6	<1.0	6.1	18.38	0.03	6.49	-174.7	1.62
	BC-5	11/13/08	12:40	0.036	<1.0	<1.0	21	5.7	<1.0	8.5	18.83	0.05	6.65	-275.8	1.45
	BC-6	11/13/08	12:00	0.063	<1.0	<1.0	<1.0	<1.0	<1.0	6.8	16.24	0.02	6.56	-106.8	2.29
	Manifold	11/13/08	15:00	0.018	3.2	**7.9**	18	5.0	<1.0	7.6	18.41	0.04	6.53	-163.9	1.47
March 2009	**BCE-3**	3/18/09	15:30	0.040	<1.0	2.3	9.6	6.1	**3.6**	4.0	15.40	0.04	7.04	-109.7	1.32
	BCE-5	3/18/09	15:15	0.030	**9.5**	**25**	15	6.8	<1.0	3.2	16.23	0.11	7.06	-20.1	1.33
	BC-2	3/12/09	13:25	**	<1.0	1.9	10.2	7.4	1.4	3.7	13.81	0.31	6.95	-172.0	1.47

Table 4c – Biocurtain Groundwater Sampling Analytical Results

Bio Curtain Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	BC-3	3/16/09	16:25	0.064	<1.0	2.0	6.8	5.8	**5.2**	3.6	13.91	0.02	6.17	4.0	1.33
	BC-4	3/16/09	15:55	0.057	<1.0	2.5	17	15 (10)	**3.4**	3.7	14.15	0.02	5.94	39.9	1.41
	BC-5	3/11/09	15:30	**	<1.0	2.1	14	8.1	**2.5**	4.3	13.77	-	7.19	-140.2	1.66
	BC-6	3/16/09	15:10	0.068	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	13.12	0.01	6.30	63.7	1.30
	Manifold	3/18/09	15:05	0.025	3.2	**5.9**	7.5	3.7	1.0	3.5	14.93	0.05	7.07	-44.1	1.32
July 2009	**BC-2**	7/7/09	15:40	0.071	<1.0	<1.0	4.6	8	**4.7**	3.8	**	**	**	**	**
	BC-3	7/7/09	15:05	0.12	<1.0	<1.0	1.5	7.5	**9.3**	4.1	**	**	**	**	**
	BC-4	7/7/09	14:30	0.058	<1.0	<1.0	11	8.3	**5.1**	5.2	**	**	**	**	**
	BC-5	7/7/09	12:20	0.075	<1.0	<1.0	4.4	7.5	**9.9**	5.3	**	**	**	**	**
	BC-6	7/7/09	13:05	0.045	<1.0	1.6	<1.0	<1.0	<1.0	6.5	**	**	**	**	**
	Manifold	7/7/09	13:40	0.10	1.8	4.2	7.2	6.2	**4.8**	4.6	**	**	**	**	**
November 2009	**BCE-1**	11/2/09	12:30	0.28	<1.0	2.9	5.6	6.6	**6.3**	3.0	**	**	**	**	**
	BCE-3	10/30/09	13:30	0.18	<1.0	<1.0	1.3	1.9	2	11.0	**	**	**	**	**
	BCE-5	10/30/09	11:45	0.28	5.6	14	11	8.6	**4.8**	9.3	**	**	**	**	**
	BCE-7	10/30/09	11:45	0.16	<1.0	1.4	4.6	1.4	**5.4**	3.5	**	**	**	**	**
	BCE-9	10/30/09	13:00	0.041	2.4	**5.4**	18	3.6	<1.0	3.4	**	**	**	**	**
	BCE-10	10/30/09	11:30	0.086	<1.0	1.5	4.9	5.3	**5.1**	3.5	**	**	**	**	**
	BC-2	10/29/09	11:59	**	<0.5	<0.5	0.4 LJ	2.9	**3.7**	**	19.12	0.35	9.29	-175.6	2.22
	BC-3	10/29/09	11:29	**	<0.5	0.16 LJ	2	11	**16**	**	19.45	0.38	9.27	-187	1.82
	BC-4	10/29/09	10:55	**	0.48 LJ	1.9	35	32	**16**	**	18.2	0.48	8.71	-173.4	2.18
	BC-5	10/27/09	11:51	**	<0.5	0.45 LJ	19	7.9	<0.5	**	17.53	0.36	8.04	-189	3.03
	BC-6	10/27/09	11:07	**	<0.5	0.69	0.59	<0.5	<0.5	**	16.3	0.46	8.03	-148.1	2.33
June/September 2010	**BCE-3**	9/7/2010	11:10	**	<1.0	<1.0	<1.0	2.0	**2.4**	3.0	21.16	0.13	7.13	8.4	2.74
	BCE-5	9/7/2010	11:00	**	4.3	**10**	10	11	**6.1**	4.1	20.27	0.22	7.42	22.9	2.44
	BCE-7	9/7/2010	11:05	**	<1.0	<1.0	21.0	17.0	**27.0**	4.3	19.71	0.13	7.40	-61.7	2.53
	BCE-9	9/7/2010	10:50	**	2.0	4.8	15	3.4	<1.0	3.3	16.82	0.17	7.30	30.1	2.59
	BCE-10	9/7/2010	12:35	**	<1.0	1.1	6.1	7.0	**9.5**	3.1	16.54	0.16	7.31	-30.2	2.43
	BC-2	6/14/2010	14:53	**	<0.5	0.09 LJ	8	9.8	**10**	**	16.75	0.55	6.80	-171.6	1.66
	BC-3	6/14/2010	15:16	**	<0.5	0.38 LJ	1	9.4	**16**	**	16.54	0.51	6.84	-153.6	1.66

Table 4c – Biocurtain Groundwater Sampling Analytical Results

Bio Curtain Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	BC-4	6/9/2010	11:15	**	<0.5	0.19 LJ	9	8.9	**8.7**	**	15.77	0.53	7.14	-197	1.41
	BC-5	6/9/2010	10:38	**	<0.5	1.6	12	7.3	**5.9**	**	14.32	1.12	6.61	-193.4	1.66
	BC-6	6/9/2010	10:28	**	0.1 LJ	0.8	1.9	1.0	<0.5	**	13.02	0.65	7.18	-170	1.15
January/February 2011	**BCE-3**	2/10/2011	11:50	0.061	<1.0	<1.0	<1.0	1.6	**3.3**	4.2	16.02	0.21	7.39	-139	1.53
	BCE-5	2/15/2011	14:00	0.071	<1.0	<1.0	2.8	5.6	**4.6**	6.7	15.71	0.06	7.41	-153.4	1.65
	BCE-7	2/10/2011	14:00	0.440	<1.0	2.3	6.4	7.2	**7.2**	6.8	16.16	0.04	7.65	-133	2.13
	BCE-9	2/10/2011	14:40	1.100	1.5	4.4	19	3.2	<1.0	4.2	13.95	0.02	7.53	-49	1.96
	BCE-10	2/10/2011	15:20	0.100	<1.0	<1.0	4.2	<1.0	<1.0	7.5	13.56	0.03	7.52	-62	2.48
	BC-2	1/27/2011	13:09	**	<1.0	<1.0	1.8	5.4	**15.1**	**	14.48	0.18	7.21	-95.8	1.49
	BC-3	2/7/2011	11:03	**	<1.0	<1.0	<1.0	7.5	**14.4**	**	15.36	0.60	6.80	-31.7	1.47
	BC-4	1/26/2011	15:32	**	<1.0	<1.0	3.6	9	**20.4**	**	15.16	1.52	6.80	-75.6	1.80
	BC-5	1/26/2011	11:20	**	<1.0	<1.0	5.7	7.2	**13.9**	**	16.05	0.64	6.71	-87	1.53
	BC-6	1/26/201	10:55	**	<1.0	<1.0	1.4	<1.0	<1.0	**	13.18	-	7.18	-46.9	1.92
June/Aug 2011	**BCE-3**	6/3/2011	11:15	1.400	<1.0	<1.0	<1.0	2.9	1.9	3.5	19.24	0.12	7.76	-118.5	2.07
	BCE-5	6/7/2011	16:15	0.310	4.5	**5.8**	5	8.2	**3.4**	3.8	18.72	0.30	7.65	-57.9	2.11
	BCE-7	6/7/2011	13:55	1.800	<1.0	<1.0	3	15	**15**	5.6	18.23	0.06	7.73	-107.5	2.21
	BCE-9	6/3/2011	11:25	0.200	1.6	**5.3**	24	5.3	**2.2**	3.2	14.70	0.12	7.62	-67.9	2.08
	BCE-10	6/3/2011	11:45	0.066	<1.0	1	4.8	3.1	<1.0	3.4	14.56	0.08	7.66	-90.4	2.03
	BC-2	8/22/2011	15:25	**	<5.0	2.0 LJ	9.6	14	**13**	**	22.33	0.16	6.59	-12	1.61
	BC-3	8/24/2011	15:10	**	<5.0	<5.0	1.2 LJ	9	**8.8**	**	21.62	0.11	6.35	27.4	1.62
	BC-4	8/30/2011	14:30	**	<5.0	<5.0	2.7 LJ	14	**19**	**	19.56	0.11	7.01	-141.5	1.71
	BC-5	8/31/2011	11:50	**	<5.0	<5.0	7.4	8.3	**11**	**	19.24	0.70	7.14	-84.8	1.93
	BC-6	8/30/2011	10:15	**	<5.0	<5.0	1.4 LJ	<5.0	<5.0	**	16.85	0.19	7.25	-37.4	1.87
September 2012	**BCE-3**	9/17/2012	10:30	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	20.9	0.45	7	135	1.54
	BCE-5	9/17/2012	11:01	**	4.5	**5.1**	6.1	11	**4.4**	**	23	1.7	6.9	102	1.66
	BCE-7	9/17/2012	11:08	**	<1.0	<1.0	11	9.8	**16**	**	21.3	0.95	7	155	1.69
	BCE-9	9/17/2012	11:25	**	2.6	3.7	15	2.2	1.2	**	19	2.5	7.1	117	1.94
	BCE-10	9/17/2012	11:34	**	<1.0	1.1	5.9	2.2	<1.0	**	18.4	0.47	7.1	89	1.89
	BC-2	9/17/2012	13:30	**	<1.0	<1.0	<1.0	<1.0	<1.0	**	21.72	0.98	6.9	-113	1.72

Table 4c – Biocurtain Groundwater Sampling Analytical Results															
Bio Curtain Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	BC-3	9/14/2012	10:43	**	<1.0	<1.0	2.9	8	**3.9**	**	20.9	0.3	7	145	1.65
	BC-4	9/17/2012	13:10	**	<1.0	<1.0	17	7.1	**6.6**	**	20.2	0.22	6.9	125.2	2.12
	BC-5	9/14/2012	12:30	**	<1.0	<1.0	13	2.4	**3.3**	**	17.7	0.97	7	110.8	1.17
	BC-6	9/14/2012	14:00	**	<1.0	**6.6**	6.8	<1.0	<1.0	**	17.6	0.21	7	-78.3	2.56
	BC-7S	9/17/2012	15:20	**	1.4	**5.6**	32	5.1	**3.8**	3.1	17.9	0.56	7	23	1.97
	BC-7D	9/17/2012	15:22	**	<1.0	4.2	29	6.2	1.3	3.1	17	0.24	7.2	-155.7	1.88
May 2013	**BCE-3**	5/6/2013	17:03	**	<1.0	<1.0	<1.0	<1.0	<1.0	4900.0	16.7	0.1	5.3	68	3.15
	BCE-5	5/6/2013	13:24	**	<1.0	3.1	3.8	3.2	<1.0	2700.0	16.9	0.26	5.2	33	2.2
	BCE-7	5/7/2013	10:21	**	<1.0	1.8	13	6.1	**6.4**	2800.0	17.1	0.01	5.4	-102	2.5
	BCE-9	5/6/2013	11:27	**	<1.0	1.2	3.2	<1.0	<1.0	2200.0	15.1	0.07	5.6	68	2
	BCE-10	5/7/2013	11:48	**	<1.0	<1.0	<1.0	<1.0	<1.0	3200.0	14.8	0.01	5.6	-83	2.5
	BC-2	5/6/2013	14:07	**	<1.0	<1.0	1.9	3	<1.0	5.3	15.4	0.01	6.8	197	1.67
	BC-3	5/3/2013	13:09	**	<1.0	<1.0	<1.0	6.4	<1.0	50.0	15.8	0.02	6.5	171	1.97
	BC-4	5/6/2013	13:00	**	<1.0	<1.0	19	5	**7**	3.1	15	0.01	6.8	98	1.82
	BC-5	5/3/2013	10:34	**	<1.0	1	4.4	1.6	<1.0	130.0	13.2	0.02	6.5	303	2.17
	BC-6	5/3/2013	10:48	**	**6.8**	**14**	8.2	<1.0	<1.0	**	14	0.3	7.2	77	1.5
	BC-7S	5/3/2013	11:45	**	<1.0	4.3	19	3.8	1.5	3.1	13.8	0.17	7	81	2
	BC-7D	5/3/2013	11:48	**	<1.0	2.1	17	4.3	<1.0	2.9	14.5	0.02	7.2	141	1.98
June 2014	**BCE-3**	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BCE-5	6/4/2014	19:15	**	<1.0	<1.0	1.9	6.2	1.2	200.0	17.2	9.4	6.4	-102	1.99
	BCE-7	6/4/2014	17:10	**	<1.0	<1.0	6.5	3.9	**4.5**	15.0	16.9	**	6.9	-185	1.7
	BCE-9	6/4/2014	16:47	**	<1.0	<1.0	3.7	1.1	<1.0	15.0	13.5	23.6	6.6	-271	1.64
	BCE-10	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BC-2	6/16/2014	12:35	**	<1.0	<1.0	7.6	5.2	<1.0	**	19.31	??	7.03	-97	1.55
	BC-3	6/12/2014	11:55	**	<1.0	<1.0	2.1	14.1	**3.6**	**	17.4	3.22	7.02	-127	1.37
	BC-4	6/4/2014	13:56	**	<1.0	<1.0	22	4.4	**6.5**	2.9	16.8	37	7	-113	1.7
	BC-5	6/4/2014	14:45	**	<1.0	<1.0	2.8	1.1	<1.0	3.7	13.7	9.6	6.6	-97	1.96
	BC-6	6/4/2014	12:35	**	**20**	**38**	12	2.1	<1.0	2.9	14.3	5.5	6.9	5.2	1.65

Table 4c – Biocurtain Groundwater Sampling Analytical Results																
Bio Curtain Sampling Results				**Laboratory Data**							**Field Data**				
					Volatiles					**TOC**	**YSI Readings**				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	BC-7S	6/18/2014	11:34	**	<1.0	2.7	14.2	3.2	<1.0	**	16	0.47	7.1	16	1.57
	BC-7D	6/17/2014	16:06	**	<1.0	1.6	15.2	3.6	<1.0	**	14.9	0.24	7.34	-130	1.49
June 2015	**BCE-3**	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BCE-5	6/4/2015	9:52	**	<1.0	<1.0	2	3.1	1.2	36.0	16.8	0	6.3	-87	1.191
	BCE-7	6/4/2015	10:12	**	<1.0	<1.0	7.9	1.6	**2.5**	4.6	19.3	1.1	5.6	352	2.239
	BCE-9	6/4/2015	12:14	**	<1.0	<1.0	3.7	<1.0	<1.0	5.7	13.4	-0.1	6.7	-103	1.744
	BCE-10	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BC-2	6/8/2015		**	<1.0	<1.0	14.7	10.6	**3.1**	5.3	17.35	2	6.99	-97.6	1.266
	BC-3	6/8/2015		**	<1.0	<1.0	2.2	7.2	**4.6**	50.0	16.9	0.24	7.07	-184.4	1.191
	BC-4	6/3/2015	17:12	ND	<1.0	<1.0	14	2.7	**2.4**	3.5	16.5	0.3	5.8	432	2.082
	BC-5	6/3/2015	15:50	ND	<1.0	<1.0	1.6	<1.0	<1.0	3.5	14.8	0.4	5.4	369	2.118
	BC-6	6/3/2015	15:45	ND	**7.3**	**16**	5.7	1	<1.0	2.6	14.7	0.04	6.6	15.7	1.532
	BC-7S	6/11/2015		**	<1.0	1.8	6.5	1.7	<1.0	3.1	15	0.49	7.32	-43	2.626
	BC-7D	6/11/2015		**	<1.0	1.7	16.3	5.1	<1.0	2.9	14.72	0.03	7.49	-94.9	1.656
June 2016	**BCE-3**	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BCE-5	9/14/2016		**	<1.0	<1.0	2.0	3.0	1.5	27.0	20.6	0.07	6.45	-109	1.404
	BCE-7	9/14/2016		**	<1.0	0.32 J	5.5	2.0	**2.2**	4.6	21.02	0.23	6.76	-106	1.924
	BCE-9	9/12/2016		**	<1.0	0.29 J	1.6	0.70 J	<1.0	4.1	14.99	0.53	6.8	-115	1.781
	BCE-10	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BC-2	6/9/2016		**	<0.5	<0.5	7.5	13.0	0.7	**	16.9	0.17	7.04	-101	1.288
	BC-3	6/13/2013		**	<0.5	<0.5	1.3	6.7	1.6	**	16.96	0.12	6.67	-101	1.258
	BC-4	9/13/2016		<1.0	0.24 J	0.84 J	9.2	2.0	1.4	3.6	19.44	32	6.73	15	2.036
	BC-5	9/12/2016		<1.0	<1.0	0.19 J	0.85 J	0.46	<1.0	2.8	17.05	2.49	6.83	-104	1.966
	BC-6	9/12/2016		<1.0	2.9	**26**	11	5.1	<1.0	2.9	15.53	0.48	6.89	-37.3	1.79
	BC-7S	6/21/2016		**	0.51 UMJ	1.8	6.7	2.2	<0.5	**	16.04	3.47	7.2	102	1.396
	BC-7D	6/21/2016		**	<0.5	1.4	9.7	3.5	0.19 LJ	**	15.32	0.24	7.27	-94	1.55
June 2017	**BCE-3**	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BCE-5	6/9/2017		**	<1.0	<1.0	1.4	2.9	1.2	30.0	17.28	0.1	6.88	-134	1.559

Table 4c – Biocurtain Groundwater Sampling Analytical Results

Bio Curtain Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	BCE-7	6/9/2017		**	<1.0	0.54 J	6.1	1.8	1.2	3.7	17.1	0.22	7.04	-48	1.961
	BCE-9	6/6/2017		**	<1.0	0.42 J	2.8	0.75 J	0.38 J	3.8	14.83	0.48	7.14	-137	1.885
	BCE-10	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	BC-2	6/12/2017		**	<1.0	<1.0	4.7	6.6	<1.0	**	18.37	0.31	6.84	-93	1.152
	BC-3	6/8/2017		**	<1.0	<1.0	<1.0	6.2	**2.3**	**	19	0.73	6.94	-120	1.198
	BC-4	6/9/2017		<13	<1.0	0.20 J	1.4	0.97 J	0.51 J	3.4	16.88	0.2	7.03	-108	1.923
	BC-5	6/6/2017		<13	<1.0	3.6	18.0	4.1	0.42 J	4.0	15.21	0.97	7.12	-115	2.294
	BC-6	6/6/2017		<13	4.1	**57**	31	11	0.37 J	3.4	15.14	0.65	7.17	-49	1.881
	BC-7S	6/15/2017		**	<1.0	<1.0	2.1	<1.0	<1.0	**	16.68	1.81	7.25	83	1.212
	BC-7D	6/15/2017		**	<1.0	<1.0	4.1	1.9	<1.0	**	15.63	0.28	7.48	-100	1.222
	BC-2	5/15/2018		**	<1.0	<1.0	5.2	1.7	<1.0	**	17.38	0.43	6.02	-59	1.429
	BC-3	5/22/2018		**	<1.0	<1.0	2.8	4.3	1.3	**	16.54	0.43	7.22	-97	1.095
	BC-4	5/15/2018		**	<1.0	<1.0	5	1.1	<1.0	**	17.42	0.3	6.32	39	1.748
May 2018	**BC-5**	5/24/2018		<13	<1.0	<1.0	<1.0	<1.0	<1.0	3	14.53	0.68	7.24	-106	1.326
	BC-6	5/24/2018		**	1.5	**28.**4	21.4	8.3	<1.0	**	16.24	0.55	7.31	64	1.226
	BC-7S	5/24/2018		**	<1.0	1.2	2.6	<1.0	<1.0	**	14.84	2.13	7.36	56	1.176
	BC-7D	5/24/2018		**	<1.0	<1.0	7.9	3.2	<1.0	**	15.01	0.88	7.47	115	1.239
	BC-2	5/13/2019		**	<1.0	<1.0	4	7.5	<1.0	**	15.89	0.29	7.17	-83	1.092
	BC-3	5/14/2019		**	<1.0	<1.0	2.8	6.6	1.7	**	15.5	0.56	7.13	-91	1.129
	BC-4	5/13/2019		**	<1.0	<1.0	1.6	1.9	<1.0	**	14.3	2.78	7.28	-11	1.221
May 2019	**BC-5**	5/22/2019		**	<1.0	<1.0	5.5	1.8	<1.0	**	14	1.67	7.42	-51.9	1.42
	BC-6	5/22/2019		**	1.2	**85.7**	58.7	24.3	<1.0	**	14.15	0.92	7.24	10.5	1.332
	BC-7S	5/22/2019		**	<1.0	1.1	1.8	<1.0	<1.0	**	14.65	1.67	7.09	33.3	1.136
	BC-7D	5/22/2019		**	<1.0	1	3.3	1.7	<1.0	**	14.88	1.29	7.45	-35.6	1.522
	R-04 (S2)	6/8/2020		**	<1	1	4.5	3.8	<1	**	17.37	0.71	7.63	15.6	1.051
	R-27 (S2)	6/1/2020		**	0.86 J	6.4	13	5.3	1.3	**	17.1	3.57	7.42	-15.8	1.46
June 2020	**BC-6**	6/11/2020		**	**5.8**	**65**	42	19	<1	**	13.9	0.12	7.24	-27.2	1.521
	BC-7S	6/11/2020		**	<1	1.5	1.6	0.51 J	<1	**	15.1	0.12	7.31	115.7	1.23
	BC-7D	6/11/2020		**	<1	0.79 J	4.3	1.6	<1	**	14.7	2.77	7.43	-38.7	1.33
June 2021	**R-04 (S2)**	5/25/2021		**	0.61 J	1.3	3.4	2.9	<0.58	**	17.4	0.27	6.93	-5.4	1.112

Table 4c – Biocurtain Groundwater Sampling Analytical Results

Bio Curtain Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	R-27 (S2)	5/25/2021		**	0.65 J	3.8	10	4.6	**1.6 J**	**	17.72	0.37	6.57	-60.2	1.388
	BC-6	5/25/2021		**	**13**	**140**	69	24	<1.2	**	15.9	0.6	7.06	4.0	1.585
	BC-7S	5/25/2021		**	0.42 J	1.5	1.8	0.8 J	<0.58	**	14.9	0.9	7.22	91	1.231
	BC-7D	5/25/2021		**	0.24 J	0.63 J	3.1	1.4	<0.58	**	15.1	9.35	7.25	-33.2	1.206
November 2022	**R-04 (S2)**	11/3/2022		**	0.94 J	2.9	3.3	2.3	<0.82	**	**	**	**	**	**
	R-27 (S2)	11/2/2022		**	0.86 J	**6.3**	9.4	3.1	**1.1 J**	**	**	**	**	**	**
	BC-5	11/9/2022		**	<0.48	<0.54	<0.62	<0.52	<0.82	**	**	**	**	**	**
	BC-6 (Dup)	11/9/2022		**	2.1	**39**	44	12	<0.82	**	**	**	**	**	**
	BC-7S	11/9/2022		**	<0.48	<0.54	1.3 J	<0.52	<0.82	**	**	**	**	**	**
	BC-7D	11/9/2022		**	<0.48	<0.54	2.5	0.90 J	<0.82	**	**	**	**	**	**

Notes:
Remedial Goals are standards for groundwater as defined under 20.6.2.3103 NMAC New Mexico Water Quality Commission Regulations
** No data available

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data								Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
Baseline 2007	**M-15**	2/5/07	**	**	**560**	**8.4**	0.3	<5.0	**<5.0**	**	**	**	**	**	**
	DM-1 (D1)	2/7/07	**	**	**120**	**8**	<5.0	<5.0	**<5.0**	**	**	**	**	**	**
	DM-1 (D2)	2/7/07	**	**	**77.7**	4.4	0.37	<5.0	**<5.0**	**	**	**	**	**	**
	DM-2 (D1)	2/7/07	**	**	**80**	**5.3**	1	1.9	**<5.0**	**	**	**	**	**	**
	DM-2 (D2)	2/7/07	**	**	**170**	**13**	1.9	5.7	**<5.0**	**	**	**	**	**	**
	DM-2 (I1)	1/22/07	**	**	1.2	0.6	0.6	<0.5	<0.5	**	**	**	**	**	**
	M-09	2/5/07	**	**	**750**	**9.2**	0.61	0.57	**<5.0**	**	**	**	**	**	**
	M-20	2/7/07	**	**	**120**	**7.3**	0.45	0.28	**<5.0**	**	**	**	**	**	**
	R-09 (D2)	2/5/07	**	**	**46**	**6**	0.42	<5.0	**<5.0**	**	**	**	**	**	**
	R-21	2/6/07	**	**	**530**	**10**	0.34	<5.0	**<5.0**	**	**	**	**	**	**
July 2008 (60 Day)	**M-20**	7/28/08	11:40	**	**	**	**	**	**	2.0	**	**	**	**	**
	R-09 (D1)	7/25/08	10:25	**	<1.0	<1.0	5.9	<1.0	<1.0	710	18.22	0.04	7.34	-166.7	1.72
	R-15	7/28/08	15:15	**	**20**	1.9	<1.0	<1.0	<1.0	210	19.04	0.07	7.47	-223.0	1.16
	R-21	7/28/08	11:50	**	<1.0	2.1	2.5	<1.0	<1.0	200	18.06	0.05	7.16	-219.0	1.00
	DI-1 (I1)	7/23/08	14:00	**	<1.0	<1.0	<1.0	<1.0	<1.0	690	21.37	0.08	7.31	-135.2	1.59
	DI-2 (I1)	7/24/08	10:50	**	<1.0	<1.0	<1.0	<1.0	<1.0	330	17.33	0.08	6.25	-131.8	0.98
	DI-2 (D1)	7/24/08	13:40	**	<1.0	<1.0	<1.0	<1.0	<1.0	740	17.63	0.03	6.87	-114.0	1.56
	DI-2 (D2)	7/29/08	12:10	**	2.9	4.5	<1.0	<1.0	<1.0	43	19.30	0.06	7.75	-218.9	1.03
August 2008 (90 Day)	**M-09**	8/27/08	12:33	**	**950**	**21**	<5.0	<5.0	**<5.0**	1.8	17.86	0.58	8.15	-116.3	0.88
	M-15	8/27/08	14:20	**	**370**	**7.5**	<2.0	<2.0	<2.0	1.2	17.30	0.69	8.47	-117.0	0.72
	R-15	9/4/08	11:50	**	**34**	**5.5**	16	<1.0	<1.0	240	17.02	0.02	7.91	-145.3	1.23
	R-21	9/4/08	13:35	**	2.5	1.3	**340**	<1.0	1.5	140	17.94	0.01	7.60	-191.7	1.15
	R-09 (D1)	9/3/08	11:50	**	<1.0	<1.0	4.9	<1.0	<1.0	540	16.78	0.03	6.97	-68.0	1.73
	DI-1 (I1)	8/29/08	12:30	**	<1.0	<1.0	<1.0	<1.0	<1.0	660	16.83	0.07	7.31	-42.2	1.20
	DI-2 (I1)	9/2/08	11:40	**	<1.0	<1.0	<1.0	<1.0	<1.0	240	17.36	0.06	6.66	-75.0	1.18
	DI-2 (D1)	9/2/08	14:55	**	2.7	<1.0	1.2	<1.0	<1.0	770	17.63	0.04	6.04	-31.1	1.69

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	DI-2 (D2)	9/3/08	15:10	**	**56**	4.8	5.1	<1.0	<1.0	69	17.22	0.03	6.84	-106.9	1.08
	DM-2 (D1)	8/28/08	13:35	**	**130**	4.1	<1.0	<1.0	<1.0	2.1	19.70	**	7.08	**	**
	DM-2 (D2)	8/26/08	14:45	**	**190**	**12**	<2.0	2.0	<2.0	2.0	**	**	**	**	**
November 2008 (120 Day)	**R-15**	11/11/08	14:50	0.055	4.3	2.2	46	<1.0	1.2	220	15.16	0.06	6.54	-179.0	1.36
	R-21	11/12/08	12:25	0.11	<5.0	**5.1**	**440**	<5.0	**7.7**	270	16.21	0.03	6.46	-129.5	1.54
	R-09 (D2)	11/14/08	13:48	0.024	**39**	**6.7**	<1.0	<1.0	<1.0	1.4	17.32	0.13	8.67	-28.6	0.79
	R-09 (D1)	11/11/08	11:50	0.076	<1.0	<1.0	12	<1.0	<1.0	980	17.57	0.06	6.43	-102.4	2.54
	DI-1 (I1)	11/7/08	12:55	0.052	<1.0	<1.0	<1.0	<1.0	<1.0	450	13.17	0.03	6.18	-86.1	1.40
	DI-2 (I1)	11/10/08	11:05	0.021	<1.0	<1.0	<1.0	<1.0	<1.0	270	15.64	0.03	6.37	-56.2	1.40
	DI-2 (D1)	11/10/08	16:00	0.13	<1.0	<1.0	46	<1.0	<1.0	920	14.91	0.04	6.56	-68.4	2.20
	DI-2 (D2)	11/12/08	15:10	0.12	<1.0	**27**	59	<1.0	1.2	93	10.29	0.03	6.63	-120.4	1.17
	DM-1 (I1)	11/10/08	14:57	0.020	**12**	1.3	1.3	<1.0	<1.0	1.7	16.41	0.11	7.11	-18.5	1.06
	DM-1 (D2)	11/7/08	13:15	0.012	**62**	4.3	<1.0	<1.0	<1.0	1.8	16.84	0.13	7.20	45.6	1.10
	DM-2 (I1)	11/10/08	12:42	0.046	1.2	<1.0	<1.0	<1.0	<1.0	1.9	16.24	0.51	7.17	-11.7	1.04
	DM-2 (D1)	11/25/08	11:58	0.015	**72**	4.3	<1.0	<1.0	<1.0	2.0	16.76	0.18	7.23	130.4	1.44
	DM-2 (D2)	11/10/08	12:51	0.015	**300**	**16**	<1.0	<1.0	<1.0	1.7	16.70	0.09	7.33	-4.2	1.08
March 2009	**M-09**	3/18/09	14:50	**	**659**	**22.6**	2.4	1.7	<1.0	3.9	**	**	**	**	**
	R-15	3/20/09	12:00	**	**	**	**	**	**	170	16.19	0.02	7.15	-80.2	1.34
	R-09 (D2)	3/19/09	12:05	**	**54.8**	**7.0**	<1.0	<1.0	<1.0	140	17.38	0.02	7.13	-88.2	2.49
	DI-2 (D1)	3/19/09	13:30	**	**	**	**	**	**	340	17.51	0.04	7.03	-60.5	1.07
	DI-2 (D2)	3/18/09	15:15	**	**	**	**	**	**	49	16.82	0.03	6.16	-35.4	1.22
	M-20	3/17/09	**	**	**122**	**9.8**	<1.0	<1.0	<1.0	**	**	**	**	**	**
July 2009	**M-20**	7/9/09	11:22	0.034	**97**	**5.6**	<1.0	<1.0	<1.0	2.5	**	**	**	**	**
	M-09	7/9/09	15:35	0.076	**410**	**16**	8.9	3.0	<1.0	4.5	**	**	**	**	**
	R-15	7/10/09	10:30	0.019	**40**	4.7	**210**	<1.0	1.3	75	**	**	**	**	**
	R-21	7/10/09	10:50	0.039	<1.0	2.0	**190**	<1.0	**7.1**	160	**	**	**	**	**
	R-09 (D2)	7/9/09	15:33	0.023	**42**	**6.9**	<1.0	<1.0	<1.0	1.8	**	**	**	**	**
	R-09 (D1)	7/10/09	12:45	0.024	<1.0	0.0	**230**	<1.0	**3.4**	150	**	**	**	**	**

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	DI-1 (I1)	7/9/09	10:40	0.015	1	<1.0	<1.0	<1.0	<1.0	100	**	**	**	**	**
	DI-2 (I1)	7/9/09	11:55	0.023	<1.0	<1.0	2.3	2.4	<1.0	150	**	**	**	**	**
	DI-2 (D1)	7/9/09	15:30	0.037	**7.7**	1.4	11	5.2	<1.0	160	**	**	**	**	**
	DI-2 (D2)	7/13/09	12:55	0.079	**8.6**	**6.8**	15	5.2	2	21	**	**	**	**	**
	DM-1 (I1)	7/8/09	15:15	0.074	**11**	4.3	1.7	1.0	<1.0	8.1	**	**	**	**	**
	DM-1 (D1)	7/8/09	14:05	0.034	**54**	4.8	<1.0	1.9	<1.0	1.5	**	**	**	**	**
	DM-1 (D2)	7/8/09	11:40	0.015	**71**	4.3	<1.0	<1.0	<1.0	2.3	**	**	**	**	**
	DM-2 (I1)	7/7/09	12:20	0.061	1.2	<1.0	<1.0	<1.0	<1.0	2.4	**	**	**	**	**
	DM-2 (D1)	7/9/09	11:31	0.020	**66**	**5.4**	<1.0	<1.0	<1.0	2.5	**	**	**	**	**
	DM-2 (D2)	7/7/09	14:20	0.028	**140**	**7.7**	<1.0	1.1	<1.0	2.2	**	**	**	**	**
November 2009	**DI-1 (I1)**	11/6/09	10:15	**	<1.0	<1.0	<1.0	<1.0	<1.0	1200	**	**	**	**	**
	DI-2 (I1)	11/9/09	11:25	**	<1.0	<1.0	1.2	1.0	<1.0	130	**	**	**	**	**
September 2010	**R-21**	9/16/10	10:40	0.370	**8.7**	**74**	12	<1.0	**52**	16	17.08	1.19	6.97	-236.4	1.62
	DI-2 (I1)	9/16/10	11:35	0.062	**9.9**	2.6	2.3	3.6	<1.0	77	17.28	0.35	6.89	-154.8	1.75
	DI-1 (I1)	9/16/10	13:00	0.027	<1.0	<1.0	<1.0	<1.0	<1.0	69	17.11	0.13	6.55	-152.4	2.15
	DI-2 (D2)	9/14/10	10:25	0.047	**16**	**7.0**	2.5	19	**5.5**	2.6	16.91	0.61	7.62	-195.1	1.85
	R-09	9/14/10	12:40	0.160	2.3	<1.0	1.3	<1.0	**51**	59	22.17	0.09	6.56	-139.7	3.42
	DI-2 (D1)	9/13/10	14:50	0.025	<1.0	<1.0	1.5	3.9	<1.0	18	17.48	0.27	6.59	-102.8	2.12
	R-15	9/14/10	12:40	0.024	**19**	**18**	**86**	<1.0	1.4	17	16.35	0.95	6.75	-164.1	1.51
September 2012	**R-09(D1)**	9/10/2012	16:00	**	<1.0	<1.0	0.85	2.3	0.86	15	17.72	0.15	6.01	-136.6	1.556
	M-09	9/12/2012	13:20	**	**730**	**43**	5.4	8.9	<1.0	**	17.2	0.05	8	-217.3	1.05
	R-09(D2)	9/12/2012	11:25	**	**47**	**6.7**	<1.0	<1.0	<1.0	**	17.1	0.06	8.6	12	0.86
	M-15	9/13/2012	11:37	**	**310**	**20**	2.8	1.7	<1.0	**	16.4	0.08	8.3	207	0.99
	R-21	9/11/2012	11:07	**	<1.0	2	3.1	2.2	**4.4**	38	17.18	0.03	6.38	-162.6	1.269
	M-21	9/13/2012	12:43	**	3.3	<1.0	2.8	<1.0	<1.0	**	18.1	0.09	8.6	-145.3	0.62
	DI-1(D1)	9/11/2012	12:00	**	**60**	3.7	2.9	<1.0	<1.0	2.3	17.2	0.4	7.7	16.6	1.29
	DM-1(D1)	9/12/2012	16:59	**	**40**	3	<1.0	<1.0	<1.0	**	17.2	0.07	8.6	45.5	0.69
	DM-1(D2)	9/10/2012	14:30	**	**59**	3.8	3	<1.0	<1.0	**	17.4	0.04	6.9	73.6	1.26

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	DM-2(D1)	9/10/2012	14:27	**	**59**	**6.7**	17	5.6	<1.0	**	17.34	0.5	7.72	-79.9	1.15
	DM-2(D2)	9/12/2012	17:15	**	**120**	**5.6**	2.8	<1.0	<1.0	**	17.2	0.13	7.3	0.5	1.32
May 2013	**M-09**	4/30/2013	17:14	**	**460**	**58**	16	<5.0	<5.0	**	17.6	0.24	7	274	1.07
	R-09(D2)	4/30/2013	17:50	**	**42**	**6.3**	<1.0	<1.0	<1.0	**	17.2	0.04	8.5	93	0.88
	M-15	4/30/2013	11:25	**	**230**	**21**	<5.0	<5.0	**<5.0**	**	16.5	0.13	8.1	144	1.06
	M-21	4/30/2013	12:39	**	2	1.1	<1.0	<1.0	<1.0	**	18.4	0.05	8.7	2.4	0.61
	DM-1(D1)	4/29/2013	16:20	**	**39**	3	<1.0	<1.0	<1.0	**	17.4	0.11	8.8	130	0.67
	DM-1(D2)	4/29/2013	13:25	**	**52**	3.1	<1.0	<1.0	<1.0	**	17.4	0.17	7.5	123	1.27
	DM-2(D1)	4/29/2013	12:54	**	**46**	**6.5**	6.3	6.9	<1.0	**	17.3	0.05	7.3	-69.1	1.29
	DM-2(D2)	4/29/2013	17:57	**	**98**	4.6	<1.0	<1.0	<1.0	**	17.4	0.08	7.4	109	1.25
June 2014	**R-09(D1)**	6/3/2014	13:45	<13	<1.0	<1.0	5.2	<1.0	1.1	3300	19.4	12.7	5.7	-127	4.9
	M-09	6/3/2014	16:25	<13	**540**	**50**	15	3.7	**3.2**	4.8	17.3	6.1	7.7	-113	1.1
	R-09(D2)	6/19/2014	13:50	**	**51.3**	**7.3**	<1.0	<1.0	<1.0	**	18.66	0.15	8.79	-165	0.75
	M-15	6/23/2014	13:30	**	**220**	**19.3**	<1.0	1.2	<1.0	**	16.4	0.7	8.2	-162	1
	M-20	6/23/2014	15:04	**	**74.4**	4.4	<1.0	<1.0	<1.0	**	17.9	0.69	7.1	57	1.4
	R-21	6/3/2014	18:38	<13	<5.0	<5.0	**74**	<5.0	**8.5**	10,000	18.1	108	4.8	-64	7.9
	M-21	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	DI-1(D1)	6/2/2014	14:10	<13	3.6	2.2	64	1.2	2.3	5500	17	0.3	4.8	68	0.3
	DM-1(D1)	6/2/2014	17:23	<13	**120**	**9**	<1.0	<1.0	<1.0	1.4	17.2	0.9	7.9	68	0.52
	DM-1(D2)	6/3/2014	11:42	<13	**47**	2.8	<1.0	<1.0	<1.0	**	17.3	0.07	6.9	107	1.3
	DM-2(D1)	6/18/2014	15:44	**	**40.2**	**7**	8.4	9.4	<1.0	**	17.4	1.82	7.1	-75	1.45
	DM-2(D2)	6/18/2014	13:15	**	**94.4**	4.3	<1.0	<1.0	<1.0	**	17.5	5	7.4	46	1.41
	DI-2(D2)	6/2/2014	16:30	<13	<1.0	<1.0	1.4	4.6	<1.0	440	17.9	0.32	6.3	-47	0.15
June 2015	**R-09(D1)**	6/2/2015	17:30	1.3	<1.0	<1.0	2.6	<1.0	1.3	590	17.6	1.4	5.3	78	3.511
	M-09	6/2/2015	16:40	5.6	**480**	**53**	23	5	**4**	3.9	18	0	7.8	-106	1.066
	R-09(D2)	6/11/2015		**	**56.3**	**8.6**	<1.0	<1.0	<1.0	**	17.54	0.4	8.65	-66.7	0.742
	M-15	6/15/2015		**	**227**	15	6.3	1.3	<1.0	**	17.03	0.09	8.12	-162.1	0.877

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	M-20	6/10/2015	15:04	**	**62.7**	4.2	<1.0	<1.0	<1.0	**	17.9	0.16	6.9	56.2	1.34
	R-21	6/2/2015	11:58	<1.0	<1.0	<1.0	20	<1.0	<1.0	2,100	17.3	1.78	5.3	-92	5.32
	M-21	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	DI-1(D1)	6/1/2015	13:15	<1.0	<1.0	<1.0	32	<1.0	1.4	900	17.6	0.19	6.1	-105	2.194
	DM-1(D1)	6/1/2015		<1.0	**140**	**11**	<1.0	<1.0	<1.0	1.1	17.5	0	8.1	-68	0.76
	DM-1(D2)	6/1/2015		**	**43**	2.6	<1.0	<1.0	<1.0	**	17.6	0.14	6.9	-182	1.121
	DM-2(D1)	6/10/2015		**	**42.2**	**7.5**	10.0	12.2	<1.0	**	**	**	**	**	**
	DM-2(D2)	6/10/2015		**	**91.1**	4.8	<1.0	<1.0	<1.0	**	**	**	**	**	**
	DI-2(D2)	6/1/2015	14:20	<1.0	<1.0	<1.0	1.4	15	1.5	40	17.4	0.15	5.9	-219	1.087
June 2016	**R-09(D1)**	9/9/2016		<1.0	<1.0	<1.0	0.36	1.3	0.78	360	19.09	0.05	6.87	-144	3.022
	M-09	9/9/2016		1.7	**220**	**30**	5.6	2.7	1.5	8.9	17.9	0.08	8.19	-175	0.79
	R-09(D2)	9/9/2016		**	**50**	**6.4**	0.35	<1.0	<1.0	**	17.6	0.11	8.66	-135	0.894
	M-15	6/15/2016		**	**190**	**11**	9.1	<5.0	**<5.0**	**	17.68	0.12	8.12	-180	0.848
	M-20	6/14/2016		**	**85**	3.9	<5.0	<5.0	**<5.0**	**	18.32	0.19	7.2	69.9	1.125
	R-21	9/8/2016		<1.0	0.21	0.81	15	6.7	**6.1**	1400	17.87	0.03	5.97	-108.3	2.603
	M-21	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	DI-1(D1)	9/8/2016		<1.0	<1.0	0.28	13	2.4	**4.9**	360	17.59	0.03	6.11	-127	2.074
	DM-1(D1)	9/8/2016		<1.0	**120**	**12**	0.65	1.4	<1.0	1.1	17.68	0.08	7.84	-90	0.891
	DM-1(D2)	9/7/2016		**	**43**	2.5	0.25	<1.0	<1.0	**	17.31	0.11	6.98	18.1	1.288
	DM-2(D1)	6/13/2016		**	**36**	**6**	14	1	**<5.0**	**	18.85	0.15	6.99	-49.4	1.18
	DM-2(D2)	6/15/2016		**	**87**	4.6	<5.0	<5.0	**<5.0**	**	18.13	0.16	7.38	97.7	1.129
	DI-2(D2)	9/8/2016		<1.0	<1.0	0.21	1	15	1.8	14	18.26	0.05	7.01	-144	1.087
June 2017	**R-09(D1)**	6/6/2017		<13	<1.0	<1.0	56	19	**12**	230	17.88	0.25	6.18	-157	1.963
	M-09	6/8/2017		<13	**400**	**43**	4.3	1.6	0.99 J	5.2	17.2	0.2	8.12	-173	0.938
	R-09(D2)	6/8/2017		**	**58**	**6.8**	0.42 J	0.22 J	<1.0	**	17.75	0.12	8.74	-78	0.882
	M-15	6/22/2017		**	**162**	**9.3**	6.1	<1.0	<1.0	**	17.27	0.29	8.16	-219	0.834
	M-20	6/19/2017		**	**65**	3.4	<1.0	<1.0	<1.0	**	19.66	0.2	7.82	95	1.136

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data								Field Data				
					Volatiles					TOC	YSI Readings					
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	R-21	6/8/2017		<13	<1.0	0.46 J	11	7.2	**7.1**	570	17.55	0.11	6.24	-126	1.948
	M-21	Not sampled		**	**	**	**	**	**	**	**	**	**	**	**
	DI-1(D1)	6/7/2017		<13	<1.0	<1.0	10	2.3	**3**	230	17.02	0.32	6	-106	1.488
	DM-1(D1)	6/7/2017		<13	**130**	**14**	0.73 J	1.2	<1.0	1.5	17.27	0.37	8.32	-21	0.893
	DM-1(D2)	6/7/2017		**	**42**	2.4	0.36 J	<1.0	<1.0	**	17.81	0.26	7.2	-40	1.315
	DM-2(D1)	6/13/2017		**	**24.4**	5	11.2	9.3	<1.0	**	19	0.14	7.48	-63	1.153
	DM-2(D2)	6/21/2017		**	**70.8**	3.4	<1.0	<1.0	<1.0	**	18.64	0.28	7.39	-176	1.102
	DI-2(D2)	6/7/2017		<13	<1.0	<1.0	1.4	16	1.6	5.7	17.32	0.21	7.34	-266	1.316
May 2018	**R-09(D1)**	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-09	5/17/2018		**	**432**	**53.4**	8.1	1.3	1.3	4.6	18.49	0.17	7.75	-221	0.81
	R-09(D2)	5/17/2018		<13	**57.7**	**7.3**	<1.0	<1.0	<1.0	1.2	17.26	0.12	8.45	22	0.717
	M-15	5/23/2018		**	**202**	**8.6**	4.5	<1.0	<1.0	**	16.41	0.12	7.93	-178	0.773
	M-20	5/15/2018		**	**62**	3	<1.0	<1.0	<1.0	**	17.82	0.18	7.07	163	1.064
	R-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	DI-1(D1)	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	DM-1(D1)	5/23/2018		<13	**163**	**14.8**	1.7	2.5	<1.0	1	17.65	0.14	8.07	-132	0.809
	DM-1(D2)	5/21/2018		**	**44.6**	2.6	1.2	<1.0	<1.0	**	18.3	0.29	7.08	-123	1.207
	DM-2(D1)	5/21/2018		<13	**22.6**	4.8	13.4	12.7	<1.0	1.7	12.5	0.09	6.83	-157	1.3
	DM-2(D2)	5/22/2018		<13	**80.7**	3.8	<1.0	<1.0	<1.0	1.9	17.54	0.15	7.28	74	1.3
	DI-2(D2)	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
2019	**R-09(D1)**	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-09	9/18/2019		**	**310**	**12**	<0.30	<0.30	<0.35	**	17.6	0.74	7.64	-234	0.62
	R-09(D2)	5/21/2019		**	**63.9**	**7.8**	<1.0	<1.0	<1.0	**	15.52	0.25	8.54	45	0.66
	M-15	5/23/2019		**	**172**	**8.8**	5	<1.0	<1.0	**	16	0.04	8.21	-172	0.77
	M-20	5/13/2019		**	**66.6**	3.3	<1.0	<1.0	<1.0	**	18.4	0.08	7.35	97	1.54
	R-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	DI-1(D1)	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	DM-1(D1)	5/20/2019		**	**132**	**16.6**	3.6	4.6	<1.0	**	17	0.04	8.42	-164	0.77
	DM-1(D2)	5/21/2019		**	**46.7**	2.7	<1.0	<1.0	<1.0	**	15.77	0.28	7.05	6	0.989
	DM-2(D1)	5/20/2019		**	**22**	4.5	13.4	15.5	<1.0	**	15.64	0.18	6.99	-145	1.014
	DM-2(D2)	5/20/2019		**	**85.3**	3.8	<1.0	<1.0	<1.0	**	16.18	0.3	7.3	96	0.999
	DI-2(D2)	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
June 2020	**R-09(D1)**	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-09	6/3/2020		**	**300**	**45**	1.9	0.43 J	<1	**	17.2	0.32	7.59	-246	0.63
	R-09(D2)	6/3/2020		**	**72**	**11**	<2	<2	<2	**	17.7	0.07	8.52	-49	0.76
	M-15	6/8/2020		**	**130**	**8.2**	5.2	<2.5	**<2.5**	**	16.2	-	8.28	-205.2	0.82
	M-20	6/4/2020		**	**67**	4.1	0.9 J	<2	<2	**	17.5	0.05	7.34	37.2	1.09
	R-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	M-21	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
	DI-1(D1)	6/10/2020		<130	<1	<1	<1	<1	<1	2200	17	0.13	5.7	-106.3	1.798
	DM-1(D1)	6/10/2020		<130	**80**	**12**	2.1	2.8	<1	1.1	18.4	0.05	8.44	-214.3	0.727
	DM-1(D2)	6/5/2020		**	**40**	2.7	0.55 J	<1	<1	**	17.6	1.14	7.29	0.1	1.13
	DM-2(D1)	6/5/2020		**	**17**	**6.4**	17	19	<1	**	17.1	0.07	7.29	-210.5	1.12
	DM-2(D2)	6/8/2020		**	**63**	3.6	<2	<2	<2	**	18.8	0.37	7.55	99.7	1.14
	DI-2(D2)	NS		**	NS	NS	NS	NS	NS	**	NS	NS	NS	NS	NS
June 2021	**R-09(D1)**	11/18/2021		<13	<1.0	<1.0	<1.0	<1.0	<1.0		14.4	0.22	6.39	24	4.716
	M-09	6/4/2021			**270**	**33**	7.9	<0.90	**<2.9**		17.73	0.21	7.4	-361.5	0.619
	R-09(D2)	12/17/2021			<2.0	<2.0	2.5	<2.0	<2.0		16.1	0.12	6.49	-320.3	1.723
	M-15	5/28/2021			**140**	**7.4**	3.8 J	<0.90	**<2.9**		18.2	0.31	8.04	-148	0.902
	M-20	6/2/2021			**70**	3.4	0.55 J	0.19 J	<0.58		14.74	0.31	6.44	165.7	0.885
	R-21	12/16/2021		<13	<1.0	<1.0	<1.0	<1.0	<1.0		15.3	0.74	6.5	-151.1	3.335
	R-34(D2)	6/2/2021			**18**	**6.8**	0.57 J	0.29 J	<0.58		17.4	0.35	8.56	-224.2	0.9
	M-21	NS			NS	NS	NS	NS	NS		NS	NS	NS	NS	NS

Table 4d – Deep Zone Groundwater Sampling Analytical Results

Deep Zone Sampling Results				Laboratory Data							Field Data				
					Volatiles					TOC	YSI Readings				
				Ethene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride	Total Organic Carbon	Temperature	Dissolved Oxygen	pH	Oxidation-Reduction Potential	Conductivity
Remedial Goals:					**5 µg/L**	**5 µg/L**	**70 µg/L**	**100 µg/L**	**2 µg/L**						
Event	Well	Date	Time	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	°C	mg/L			ms/cm³
	DI-1(D1)	NS			NS	NS	NS	NS	NS		NS	NS	NS	NS	NS
	DM-1(D1)	6/1/2021			**24**	**17**	2.6	3.6	<0.58		17.3	0.07	8.37	-214.3	0.618
	DM-1(D2)	6/2/2021			**37**	2.7	8.1	1.5	<0.58		16.73	0.87	6.82	7.1	0.98
	DM-2(D1)	6/1/2021			**7.7**	2.8	19	21	<0.58		17	0.09	6.74	-143.8	1.115
	DM-2(D2)	6/1/2021			**63**	3.7	<0.38	<0.36	<1.2		18.1	0.17	7.14	94.4	1.123
	DI-2(D2)	NS			NS	NS	NS	NS	NS		NS	NS	NS	NS	NS
November 2022	**R-09(D1)**	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	M-09	11/11/2022		**	8.8	23	35	1.7	2.8	**	17.1	0.48	7.81	-197.1	0.674
	R-09(D2)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	M-15* **	11/8/2022		**	7.1	28	22	3.7	<0.82	**	16.3	0.25	9.04	-286.1	0.583
	M-20	11/3/2022		**	38	2.9	16	<0.52	<0.82	**	**	**	**	**	**
	R-21	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	R-29(D2U)	11/9/2022		**	17	1.9	<1.0	<1.0	<1.0	**	18.2	0.77	8.21	-169.1	1.297
	R-29A(D1)	11/2/2022		**	110 E	13	6.9	10	<0.82	**	17.9	3.7	7.99	-146.1	1.13
	R-30(D2U)	11/10/2022		**	120	7.8	<1.0	<1.0	<1.0	**	15.2	2.71	8.76	-109.5	0.925
	R-30(D2L)	11/10/2022		**	<1.0	<1.0	<1.0	<1.0	<1.0	**	17.2	0.87	7.62	-112.5	1.078
	R-34(D2)	11/4/2022		**	20	6.8	0.62	<0.52	<0.82	**	16.9	0.33	9.03	-219	0.771
	R-35(D1)	11/10/2022		<0.013	97	8.9	<2.0	<2.0	<2.0	3.5	20.2	0.65	8.14	-189.9	1.332
	R-35(D2)	11/22/2022		<0.013	27	1.9	<2.0	<2.0	<2.0	2.3	18.1	0.76	7.94	-179.9	1.338
	M-21	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	DI-1(D1)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	DM-1(D1)	11/2/2022		**	8.5	15	3.2	3	<0.82	**	**	**	**	**	**
	DM-1(D2)	11/2/2022		**	14	1.3 J	6.9	1.8 J	<0.82	**	**	**	**	**	**
	DM-2(D1)	11/11/2022		<0.013	1.7	3.1	20	13	<1.0	1.8	16.7	0.24	6.62	-227.6	1.277
	DM-2(D2)	11/2/2022		**	27	4	<0.62	<0.52	<0.82	**	**	**	**	**	**
	DI-2(D2)	NS		**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes: Remedial Goals are standards for groundwater as defined under 20.6.2.3103 NMAC New Mexico Water Quality Commission Regulations ** - No data available NS – Not sampled

Table 5 – Historical Groundwater Analytical Results (2012 – 2022) - Dissolved Metals

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
Shallow Aquifer					
R-01(S2)		3/21/2012	100 U	196	4.5
R-01(S2)		4/24/2013	25.0 U	**227**	2.9
R-01(S2)		6/11/2014	25.0 U	**314**	2.0
R-01(S2)	1506005-06	6/2/2015	25.0 U	**248**	3.0
R-01(S2)	MF1C01 / H3482-01	6/7/2016	20.3 LJ	186	3.0
R-01(S2)		6/7/2017	25 U	242	5.0 U
R-01(S2)		4/30/2018	100 U	164	2.3 LJ
R-01(S2)	R-110 (Dup)	4/30/2018	100 U	163	2.8 LJ
R-01(S2)		5/6/2019	25 U	119	3.3
R-01(S2)		6/1/2020	100 U	160	3.0
R-01(S2)		6/1/2021	20 U	140	3.4
R-01(S2)		11/4/2022	19 U	61.0	3.7
EWMW-2		3/21/2012	**11,600**	**2,420**	8.6
EWMW-2		4/24/2013	**6,870**	**1,460**	3.7
EWMW-2		6/11/2014	**8,060**	**1,560**	3.0
EWMW-2	1506005-01	6/1/2015	**7,790**	**1,610**	3.5
EWMW-2	MF1C02 / H3482-08	6/9/2016	**5,980**	**1,520**	3.0
EWMW-2		6/7/2017	**3,200**	**1,300**	<5.0
EWMW-2		4/30/2018	**13,000**	**2,330**	10.0 U
EWMW-2		5/6/2019	**7,920**	**1,890**	2.5 U
EWMW-2		6/2/2020	**6,300**	**2,100**	2.0 U
EWMW-2		6/4/2021	**6,500**	**1,900**	0.31 U
EWMW-2		11/8/2022	**6,600**	**2,800**	0.25 U
R-24-(S2)		3/28/2012	**14,700**	**3,800**	1.9
R-24-(S2)		4/30/2013	**10,800**	**3,570**	1.3
R-24-(S2)		6/12/2014	**9,660**	**3,820**	2.0 U
R-24-(S2)	1506005-08	6/2/2015	**4,530**	**2,730**	2.0 U
R-24-(S2)	1506005-11 Dup	6/2/2015	**3,560**	**2,710**	2.0 U
R-24-(S2)	MF1C14 / H3482-05	6/7/2016	**4,660**	**2,870**	2.0 U
R-24-(S2)	MF1C56 / R-60DM Dup	6/7/2016	**4,720**	**2,830**	0.77 LJ
R-24-(S2)		6/14/2017	**3,120**	**2,160**	5.0 U
R-24-(S2)	R-61DM (Dup)	6/14/2017	**3,360**	**2,090**	5.0 U
R-24-(S2)		5/3/2018	**2,400**	**1,990**	10.0 U
R-24-(S2)		5/7/2019	**2,450**	**2,140**	2.5 U
R-24-(S2)		6/1/2020	**2,000**	**1,700**	2.0 U
R-24(S2)		5/28/2021	**2,300**	**2,000**	0.38 J
R-24 (S2)		11/3/2022	**8,700**	**2,500**	2.4

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
R-25(S2)		3/29/2012	**7,090**	**3,600 J**	**17.2**
R-25(S2)	Dup R-61 DM	3/29/2012	**7,080**	**3,670**	**17.1**
R-25(S2)		4/30/2013	**6,010**	**3,190**	**12.6**
R-25(S2)		6/12/2014	**NS**	**NS**	NS
R-25(S2)	1506005-09	6/2/2015	681	**1,260**	2.4
R-25(S2)	MF1C73 / H3610-07	6/13/2016	412	**1,310**	3.5
R-25(S2)		6/13/2017	456	**1,470**	5.3
R-25(S2)		5/3/2018	539	**846**	3.5 LJ
R-25(S2)		6/10/2020	**1,900**	**1,600**	11.0
R-25(S2)		5/28/2021	**2,500**	**1,900**	11.0
R-25 (S2)		11/3/2022	**2,300**	**1,600**	**12**
EX-13		3/22/2012	**3,710**	**2,470**	**14.2**
EX-13	Dup R-60 DM	3/22/2012	**3,730**	**2,400**	**14.2**
EX-13		4/25/2013	**3,040**	**2,050**	**11.7**
EX-13		6/12/2014	**4,640**	**2,790**	**14.3**
EX-13	Dup R-60 DM 06-2014	6/12/2014	**4,620**	**2,830**	**15.4**
EX-13	1506005-03	6/2/2015	**4,060**	**2,790**	**13.1**
EX-13	MF1C03 / H3610-01	6/13/2016	**3,130**	**2,270**	**13.8**
EX-13		6/7/2017	**1,750**	**1,710**	8.0
EX-13		5/3/2018	**1,980**	**1,730**	**11.0**
EX-13		5/7/2019	**1,990**	**1,920**	**11.4**
EX-13	R-101 (Dup)	5/7/2019	**2,070**	**2,010**	**12.6**
EX-13		6/1/2020	**1,300**	**1,400**	7.6
EX-13	R-101 (Dup)	6/1/2020	**1,300**	**1,400**	7.5
EX-13		5/28/2021	**1,900**	**1,800**	11.0
EX-13		11/3/2022	**1,100**	**1,600**	12.0
R-04(S2)		3/27/2012	**2,890**	**2,530 J**	9.6
R-04(S2)		4/23/2013	**1,500**	**2,150**	3.6
R-04(S2)	Dup R-61DM	4/23/2013	**1,430**	**2,160**	3.5
R-04(S2)		6/16/2014	**1,770**	**1,260**	2.3
R-04(S2)	1506018-07	6/8/2015	968	**1,010**	2.0 U
R-04(S2)	MF1C04 / H3482-09	6/9/2016	603	**1,050**	1.2
R-04(S2)		6/12/2017	589	**1,190**	5.0 U
R-04(S2)		5/15/2018	154	**731**	10.0 U
R-04(S2)		5/8/2019	208	**665**	2.5 U
R-04(S2)		6/8/2020	260	**620**	2.0 U
R-04(S2)		5/25/2021	310	**590**	1.1
R-04(S2)		11/2/2022	46.0	**1,200**	0.91 J
BC-2		6/16/2014	**3,400**	**2,610**	2.0 U
BC-2	1506014-01	6/8/2015	**3,710**	**2,050**	2.0 U
BC-2	MF1C00 / H3482-07	6/9/2016	**4,210**	**2,120**	0.56 LJ

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
BC-2		6/12/2017	**2,540**	**1,650**	5.0 U
BC-2		5/16/2018	**3,770**	**1,760**	10.0 U
BC-2		5/13/2019	**1,580**	**1,640**	2.5 U
BC-5		6/4/2014	**3,200**	**2,300**	20.0 U
BC-5	BC-5 Hall	6/3/2015	**4,100**	**2,400**	5.2
BC-5	1609789-11C	9/12/2016	**3,600**	**1,600**	3.4
BC-5		6/6/2017	**4,400**	**1,700**	2.4
BC-5		5/24/2018	**3,330**	**2,490**	10.0 U
BC-5		5/22/2019	**2,500**	**2,150**	2.5 U
BC-5		11/9/2022	**1,800**	**3,000**	1.1
R-05(S2)		3/26/2012	100 U	**1,490 J**	2.4
R-05(S2)		4/23/2013	25.0 U	**1,340 J**	1.1
R-05(S2)		6/17/2014	25.0 U	**2,070**	2.0 U
R-05(S2)	Dup R-61DM	6/17/2014	25.0 U	**2,010**	2.0 U
R-05(S2)	1506022-07	6/10/2015	75	**3,590**	3.2
R-05(S2)	MF1C05 / H3755-01	6/21/2016	74	**6,350**	1.8
R-05(S2)	MF1C57 /Dup R-61DM	6/21/2016	71	**6,310**	1.7
R-05(S2)		6/15/2017	80	**3,700**	5.0 U
R-05(S2)		5/24/2018	115	**3,200**	10.0 U
R-05(S2)		5/22/2019	157	**2,450**	2.9
R-05(S2)		6/11/2020	100 U	**2,700**	2.0 U
R-05(S2)		5/25/2021	20 U	**1,200**	1.5
SMW-8(D)		11/16/2021	**30,000**	**4,400**	**37**
SMW-8(D)		11/8/2022	**24,000**	**4,600**	NA
SMW-9(D)		11/16/2021	**31,000**	**4,400**	6.2
SMW-9(D)		11/8/2022	**2,1000**	**3,700**	NA
Intermediate Aquifer					
R-01(I2)		3/21/2012	100 U	0.72 LJ	8.7
R-01(I2)	1506011-02	6/3/2015	100 U	0.72 LJ	6.0
R-01(I2)		4/30/2018	100 U	15.0 U	6.7 LJ
R-01(I2)		6/2/2021	37 J	1.3 J	7.7
EWMW-4A		3/29/2012	100 U	61.6	0.77 LJ
EWMW-4A		4/22/2013	25.0 U	58.4	1.0 U
EWMW-4A		6/11/2014	25.0 U	62.3	2.0 U
EWMW-4A	1506005-02	6/1/2015	25.0 U	64.8	2.0 U
EWMW-4A	MF1C06 / H3482-04	6/7/2016	1.0 U	61.2	0.14 LJ
EWMW-4A		6/12/2017	25 U	53.7	5.0 U
EWMW-4A		4/30/2018	100 U	51.7	10.0 U
EWMW-4A		5/6/2019	27	55.9	2.5 U
EWMW-4A		6/2/2020	100 U	49.0	2.0 U
EWMW-4A		6/3/2021	24 J	48	0.31 U

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
EWMW-4A		11/8/2022	26 J	34.0	0.25 J
R-04(I2)		3/27/2012	100 U	1.9 J	2.7
R-04(I2)		4/23/2013	25.0 U	5.0 U	1.5
R-04(I2)		6/16/2014	25.0 U	5.0 U	2.0 U
R-04(I2)	1506018-06	6/8/2015	25.0 U	5.0 U	2.0 U
R-04(I2)	MF1C07 / H3482-10	6/9/2016	200 U	1.0 U	2.0 U
R-04(I2)		6/8/2017	25 U	5.0 U	5.0 U
R-04(I2)	R-60DM (Dup)	6/8/2017	25 U	5.0 U	5.0 U
R-04(I2)		5/22/2018	100 U	2.1 LJ	10.0 U
R-04(I2)		5/14/2019	25 U	5.0 U	2.8
R-04(I2)		6/8/2020	120	10 U	2.1
R-04(I2)		5/25/2021	20 U	1.7 J	2.3
R-04(I2)		11/2/2022	190 J	5.8	1.8
R-29A(I1)		5/16/2019	176	**1,040**	2.5 U
R-29A(I1)		6/5/2020	150	**1,000**	2.0 U
R-29A(I1)		11/10/2022	87	**1,100**	NA
DM-1(I1)		3/27/2012	**1,790**	**1,890 J**	3.9
DM-1(I1)		4/30/2013	**1,520**	**2,370**	3.0
DM-1(I1)		6/23/2014	527	**1,940**	2.5
DM-1(I1)		6/23/2014	527	**1,940**	2.5
DM-1(I1)	1506028-01	6/16/2015	567	**1,800**	2.8
DM-1(I1)	MF1C08 / H3755-04	6/22/2016	649	**1,820**	3.4
DM-1(I1)		6/21/2017	521	**1,460**	3.0
DM-1(I1)		5/22/2018	513	**1,670**	10.0 U
DM-1(I1)		6/8/2020	350	**1,200**	4.8
DM-1(I1)		6/1/2021	210	**930**	4.6
R-34(I1)		12/16/2021	56	180	1.8
R-34(I2)		12/16/2021	140	**200**	2.1
Deep aquifer					
M-12		3/28/2012	100 U	2.9 J	2.0
M-12		4/25/2013	25.0 U	5.0 U	1.2
M-12		6/18/2014	25.0 U	5.0 U	2.0 U
M-12	1506011-01	6/3/2015	25.0 U	5.0 U	2.0 U
M-12	MF1C10 / H3610-05	6/13/2016	13.6 LJ	4	1.5
M-12		6/12/2017	25 U	5.0 U	5.0 U
M-12		5/15/2018	100 U	3.7 LJ	5.4 LJ
M-12		5/14/2019	25 U	5.0 U	2.5 U
M-12	R-103 (Dup)	5/14/2019	25 U	5.0 U	2.5 U
M-12		6/9/2020	100 U	10 U	2.0 U
M-12	R-103 (Dup)	6/9/2020	100 U	10 U	2.0 U
M-12		5/28/2021	20 U	2.6 J	1.5

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
M-12	R-104 (Dup)	5/28/2021	20 U	2.6 J	1.2
M-12		11/4/2022	900	22	1.1
M-15		6/23/2014	26.8	19.2	2.2
M-15	1506028-09	6/15/2015	45.2	26.5	2.3
M-15	1506028-10 Dup	6/15/2015	41.3	26.7	2.0 U
M-15	MF1C11 / H3610-06	6/15/2016	217.0	39.8 LJ	2.0 U
M-15		6/22/2017	49.4	29.7	2.0
M-15		5/23/2018	42.2 LJ	31.1	10.0 U
M-15		5/23/2019	46.9	29.9	2.5 U
M-15		6/3/2020	190.0	23.0	2.4
M-15		5/28/2021	2.4	50	23
M-15		11/8/2022	19 U	7.7	4.2
M-20		3/29/2012	100 U	51.7 J	0.62 LJ
M-20		4/30/2013	114	57	1.0 U
M-20		6/23/2014	25.0 U	50	2.0 U
M-20	1506022-06	6/10/2015	25.0 U	51	2.0 U
M-20	MF1C12 / H3610-06	6/15/2016	16.2 LJ	52	2.0 U
M-20		6/19/2017	25 U	46	2.0 U
M-20		5/16/2018	100 U	52	3.8 LJ
M-20		5/13/2019	25 U	48	2.5 U
M-20		6/4/2020	330	52	2.0 U
M-20		6/2/2021	20 U	48	0.31 U
M-20		11/3/2022	73	43	0.25 U
M-09		6/3/2014	66	77	20 U
M-09	M-09 Hall	6/2/2015	30	66	1.0 U
M-09	1609629-005d	6/9/2016	42	64	0.79 J
M-09		6/8/2017	38	75	0.66 J
M-09	M-101 (Dup)	6/8/2017	37	74	0.66 J
M-09		5/17/2018	34.5 LJ	101	7.8 LJ
M-09		5/21/2019	212	105	2.5 U
M-09		6/3/2020	340	250	2.0 U
M-09		6/4/2021	94	150	0.45 J
M-09	R-108 (Dup)	6/4/2021	95	150	0.43 J
M-09		11/7/2022	130 J	95	0.25 U
M-09	M-909 (Dup)	11/7/2022	110 J	91	0.25 U
R-09(D2)		6/19/2014	25.0 U	5.0 U	2.0 U
R-09(D2)	1506022-08	6/11/2015	25.0 U	5.0 U	2.0 U
R-09(D2)	1609629-007B	9/9/2016	20.0 U	0.94 J	0.86 J
R-09(D2)		6/8/2017	20.0 U	1.3 J	0.64 J
R-09(D2)		5/17/2018	100 U	15.0 U	5.0 LJ
R-09(D2)	R-111 (Dup)	5/17/2018	100 U	15.0 U	2.6 LJ

Table 5 - Historical Groundwater Analytical Results (2012-2022) – Dissolved Metals					
Sample Location	**Note**	**Date Sampled**	**Fe (ug/L)**	**Mn (ug/L)**	**As (ug/L)**
Remedial Goal			1,000 (NMQWCC)	200 (NMWQCC)	10.0 (MCL)
R-09(D2)		5/21/2019	25 U	5.0 U	2.5 U
R-09(D2)	R-106 (Dup)	5/21/2019	25 U	5.0 U	2.5 U
R-09(D2)		6/3/2020	100 U	10 U	2.0 U
R-09(D2)	R-109 (Dup)	6/3/2020	160	10 U	2.0 U
R-29A(D1)		5/16/2019	168	72	2.5 U
R-29A(D1)		6/5/2020	160	57	2.0 U
R-29A(D1)		11/2/2022	1,300	48	0.36 J
R-29A(D1)	R-929A(D1)(Dup)	11/2/2022	100	48	0.27 J
R-29A(D1)		11/11/2022	96	39	NA
R-34(D2)		6/2/2021	23 J	12	0.91 J
R-34(D2)		11/4/2022	57	7.9	0.93 J
DM-2(D2)		6/18/2014	25.0 U	19.3	2.0 U
DM-2(D2)	1506022-04	6/10/2015	25.0 U	19.0	2.0 U
DM-2(D2)	MF1C13 / H3610-09	6/15/2106	8.1 LJ	19.5	0.18 LJ
DM-2(D2)		6/21/2017	25 U	17.8	2.0 U
DM-2(D2)		5/22/2018	100 U	19.3	10.0 U
DM-2(D2)		5/20/2019	25 U	20.1	2.5 U
DM-2(D2)		6/8/2020	100 U	18.0	2.0 U
DM-2(D2)		6/1/2021	20 U	18.0	0.31 U
DM-2(D2)		11/2/2022	19 U	19.0	0.25 U
DM-1(D1)		6/2/2014	21	7	20.0 U
DM-1(D1)	DM-1(D1) Hall	6/1/2015	20 U	7	1.4
DM-1(D1)	Duplicate 2 Hall	6/1/2015	20 U	7	1.4
DM-1(D1)		9/8/2016	NS	NS	NS
DM-1(D1)		5/23/2018	17.2 LJ	10.0 LJ	10.0 U
DM-1(D1)		5/20/2019	25 U	11	2.5 U
DM-1(D1)		6/10/2020	44	9	NA
DM-1(D1)	DM-11(D1) (Dup)	6/10/2020	42	9.7	NA
DM-1(D1)		6/1/2021	360	7.3	1.7
DM-1(D1)		11/2/2022	37	9.5	1.3

Legend

NMWQCC – New Mexico Water Quality Control Commission Standard
MCL – USEPA Maximum Contaminant Level
NA – Not Analyzed
NS – Not Sampled

Fe - Iron

Mn - Manganese

As - Arsenic

U – Not detected above the specified laboratory quantitation/reporting limits
L – Reported concentration is between the method detection limit and the contract required quantitation limit
J – Estimated result below the CRQL or due to outlying quality control parameters

Table 6 – Indoor Air Sampling Analytical Results (2011 – 2022)

Sample Date	Sample Location	Contaminant Concentrations compared to VISLs (µg/m^3)				Notes
		PCE	TCE	Cis-1,2 DCE	Vinyl Chloride	
3/13/2022	Dry Cleaner Building (Inside)	7.6	0.071 U	0.040 U	0.067 U	
3/13/2022	Dry Cleaner Building (Outside, Ambient Air)	0.082 U	0.071 U	0.040 U	0.067 U	
3/13/2022	Former Health Clinic (HC) Annex Building (Inside)	0.48 J	0.070 U	0.040 U	0.066 U	
3/13/2022	LCCS Building (Classroom 1)	0.30 J	0.070 U	0.040 U	0.066 U	
3/13/2022	LCCS Building (Classroom 2)	0.29 J	0.070 U	0.040 U	0.066 U	
3/13/2022	LCCS Building (Classroom 3)	0.15 J	0.070 U	0.040 U	0.066 U	
3/13/2022	LCCS Building (Outside, Playground)	0.10 J	0.070 U	0.040 U	0.066 U	
3/13/2022	LCCS Building (Classroom 3, Sub-slab)	240	1.0 J	0.40 U	0.66 U	Sample collected from sub-slab soil vapor
4/5/2021	LCCS Building (Classroom 3)	0.51 J	0.17 U	0.24 U	0.18 U	Detection limit exceeded residential TCR=1E-06 for VC
4/5/2021	LCCS Building (Classroom 3, Sub-slab)	290	0.17 U	0.24 U	0.18 U	Sample collected from sub-slab soil vapor
4/5/2021	LCCS Building (File Room)	0.37 J	0.17 U	0.24 U	0.18 U	Detection limit exceeded residential TCR=1E-06 for VC
4/5/2021	LCCS Building (Outside, Playground)	0.27 U	0.17 U	0.24 U	0.18 U	Detection limit exceeded residential TCR=1E-06 for VC
1/23/2021	Hunter Ford (Outside)	0.12 U	0.081 U	0.099 U	0.17 U	Detection limit exceeded residential TCR=1E-06 for VC
1/23/2021	Dry Cleaner Building (Inside, Front)	13	0.098 J	0.099 U	0.17 U	PCE concentration exceeded the residential TCR=1E-06
1/23/2021	Dry Cleaner Building (Inside, Back)	12	0.11 J	0.099 U	0.17 U	PCE concentration exceeded the residential TCR=1E-06
1/23/2021	ECHC Annex Building (Inside)	11 J	1.5 U	0.79 U	2.6 U	Detection limit exceeded residential TCR=1E-06 for TCE and VC
1/24/2021	LCCS Building (Classroom 1)	0.38 J	0.081 U	0.099 U	0.17 U	
1/24/2021	LCCS Building (Classroom 2)	1.9	0.081 U	0.10 J	0.17 U	
1/24/2021	LCCS Building (Classroom 3)	0.30 J	2.8	0.099 U	0.17 U	TCE concentration exceeded the residential TCR=1E-06
1/24/2021	LCCS Building (Outside)	0.12 U	0.84 J	0.099 U	0.17 U	
1/12/20	Dry Cleaner Building (Inside, Front)	22	7.9 U	5.8 U	3.8 U	Detection limits exceeded commercial TCR=1E-06 for TCE and VC
1/12/20	Dry Cleaner Building (Inside, Back)	25	16 U	12 U	7.7 U	Detection limits exceeded commercial TCR=1E-06 for TCE and VC
1/12/20	Dry Cleaner Building (Outside)	1.4 U	1.1 U	0.79 U	0.51 U	
1/12/20	ECHC Annex Building (Inside #1)	9.8 U	0.64 J	5.7 U	3.7 U	Detection limits exceeded commercial

Sample Date	Sample Location	Contaminant Concentrations compared to VISLs (µg/m^3)				Notes
						TCR=1E-06 for VC
1/12/20	ECHC Annex Building (Inside #2)	10 U	8.0 U	5.9 U	3.8 U	Detection limits exceeded commercial TCR=1E-06 for TCE and VC
1/12/20	LCCS Building (Classroom 1)	0.3 J	0.21 U	0.32 U	0.10 U	
1/12/20	LCCS Building (Classroom 2)	0.19 J	0.21 U	0.32 U	0.10 U	
1/12/20	LCCS Building (Classroom 3)	0.18 J	0.21 U	0.32 U	0.10 U	
1/12/20	LCCS Building (Outside)	0.079 J	0.21 U	0.32 U	0.10 U	
5/17/18	Dry Cleaner Building (Inside)	20.5	1.07 U	0.793 U	0.511 U	
5/17/18	ECHC Annex Building (Office)	43.0	1.78	0.793 U	0.511 U	
5/17/18	ECHC Annex Building (Outside)	1.36 U	1.07 U	0.793 U	0.511 U	
5/17/18	LCCS Building (Conference)	1.36 U	1.07 U	0.793 U	0.511 U	Detection limits exceeded residential TCR=1E-06 for TCE and VC in 2018
5/17/18	LCCS Building (File)	1.36 U	1.07 U	0.793 U	0.511 U	
5/17/18	LCCS Building (Outside)	1.36 U	1.07 U	0.793 U	0.511 U	
6/7/2017	Dry Cleaner Building (Kitchen)	45.1	0.15	0.08 U	0.05 U	
6/7/2017	Dry Cleaner Building (Outside)	0.14 U	0.11 U	0.08 U	0.05 U	
6/7/2017	ECHC Annex Building (Office)	0.359	0.11 U	0.08 U	0.05 U	
6/7/2017	ECHC Annex Building (Outside)	0.54 U	0.43 U	0.32 U	0.08 U	
6/7/2017	LCCS Building (Conference)	0.392	0.11 U	0.08 U	0.103	
6/7/2017	LCCS Building (File)	0.346	0.11 U	0.08 U	0.134	
6/7/2017	LCCS Building (Outside)	0.956	0.11 U	0.08 U	0.03 U	
9/7/2016	Dry Cleaner Building (Former)	**162**	0.267	0.08 U	0.05 U	PCE concentration exceeds the TCR=1E-06
9/7/2016	ECHC Annex Building	0.95	0.11 U	0.08 U	0.05 U	
6/3/2015	Dry Cleaner Building (Former)	**63**	1.1 U	0.8 U	0.52 U	PCE concentration exceeds the TCR=1E-06
6/3/2015	ECHC Annex Building	1.4	1.0 U	0.75 U	0.48 U	
6/5/2014	Dry Cleaner Building (Norge town)	0.14 U	0.11 U	0.16	0.051 U	
6/5/2014	ECHC Annex Building	0.62	0.11 U	0.19	0.70 U	
5/9/2013	Dry Cleaner Building (Motorcycle shop)	**94**	1.3 U	0.69 U	0.63 U	PCE concentration exceeds the TCR=1E-06
5/9/2013	ECHC Annex Building	2.0 U	1.2 U	0.65 U	0.59 U	
9/18/2012	Dry Cleaner Building (Norge Town)	**190**	1.1 U	0.79 U	0.51 U	PCE concentration exceeds the TCR=1E-06 and Target Hazard Quotient (THQ)=1; Building was unoccupied during this event
9/18/2012	ECHC Annex Building (HC Annex)	3.9	1.1 U	0.79 U	0.51 U	
6/8/2011	Dry cleaner Building (MC Shop)	15	0.22 U	0.16 U	0.051 U	
6/8/2011	ECHC Annex Building (Former ECHC)	0.91	0.18 U	0.13 U	0.042 U	
2/10/2011	ECHC Annex Building (ECFH-1)	1.9	0.22 U	0.16 U	0.051 U	
Commercial Vapor Intrusion Screening Levels (VISL) Carcinogenic VISL: Target Cancer Risk (TCR)=1E-06		47.2	2.99	--	2.79	
Commercial Vapor Intrusion Screening Levels (VISL) Non-carcinogenic VISL: Target Hazard Quotient (THQ)=1		175	8.76	--	438	

Sample Date	Sample Location	Contaminant Concentrations compared to VISLs (µg/m^3)				Notes
Commercial Vapor Intrusion Screening Levels (VISL) Carcinogenic VISL: Target Cancer Risk (TCR)=1E-04		4,720	299	--	279	
Residential Vapor Intrusion Screening Levels (VISL) Carcinogenic VISL: Target Cancer Risk (TCE)=1E-06		10.8	0.478	--	0.168	
Residential Vapor Intrusion Screening Levels (VISL) Non-carcinogenic VISL: Target Hazard Quotient (THQ)=1		41.7	2.09	--	104	

U – Not detected above laboratory detection limit
J – Estimated concentration between detection limit and quantitation limit

Figures

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Figure 1 – Project Location, Site Area, and Pertinent Details Maps

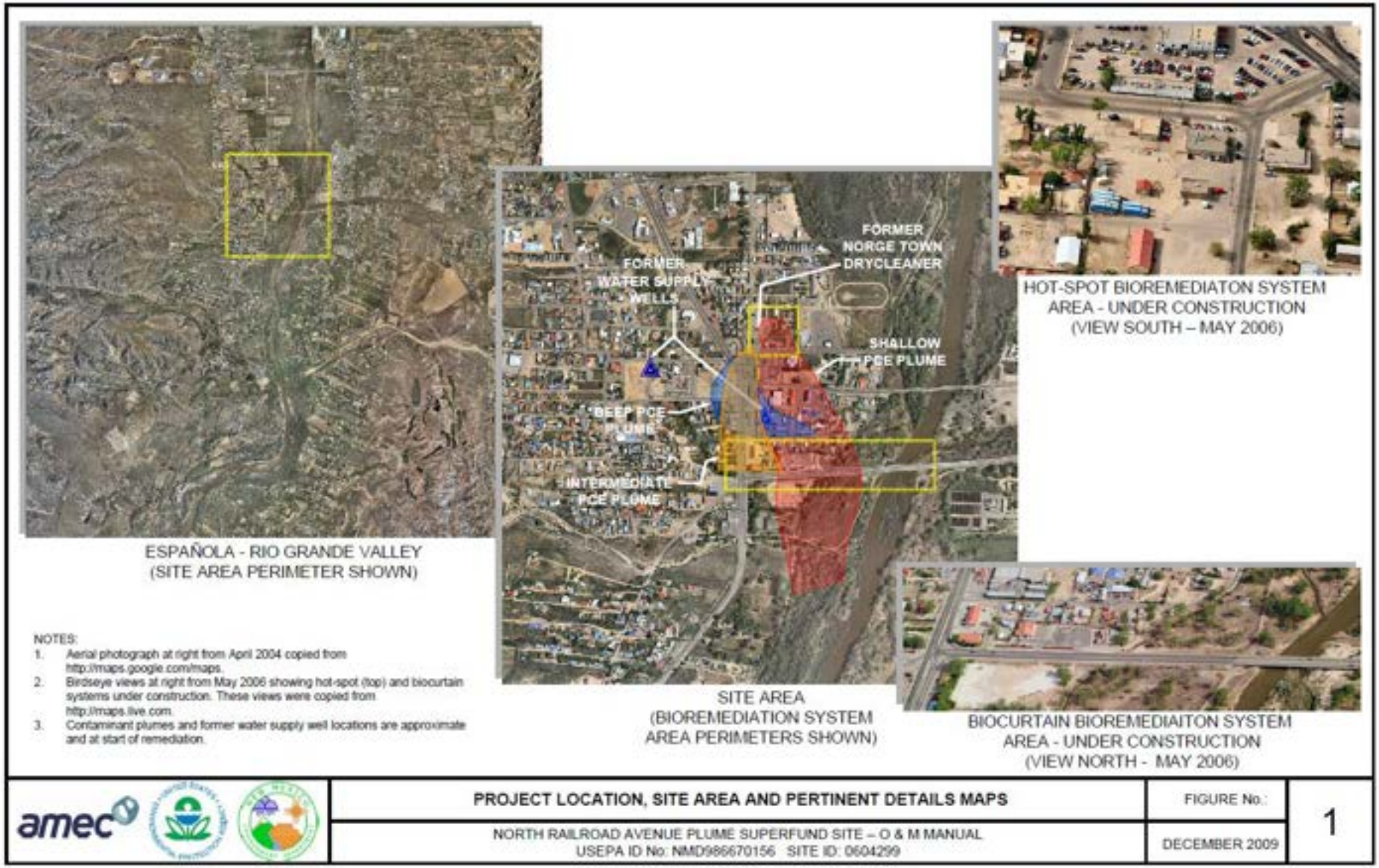


Figure 2 – Source Area and Hotspot Bioremediation Wells

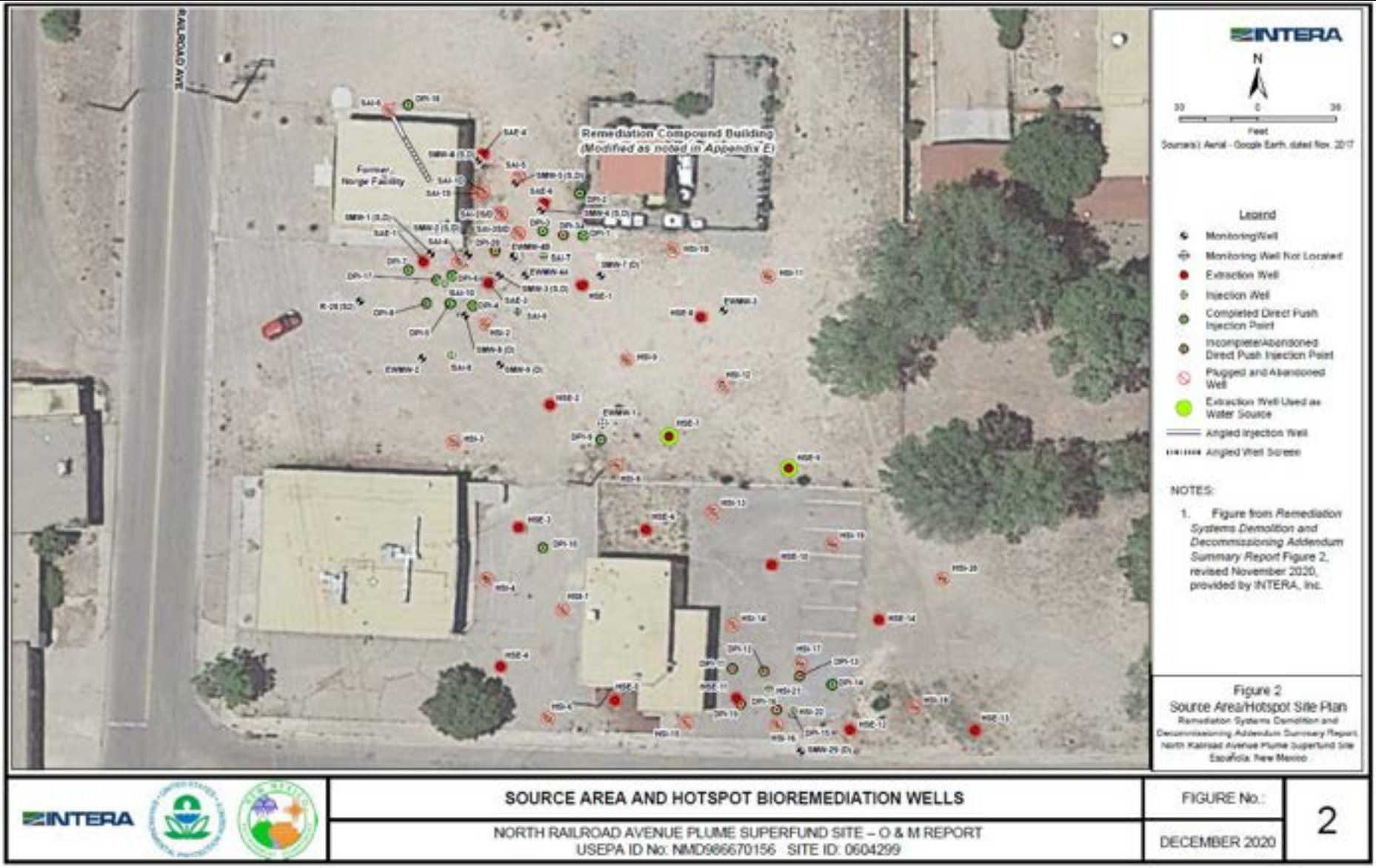


Figure 3 – Biocurtain System Layout

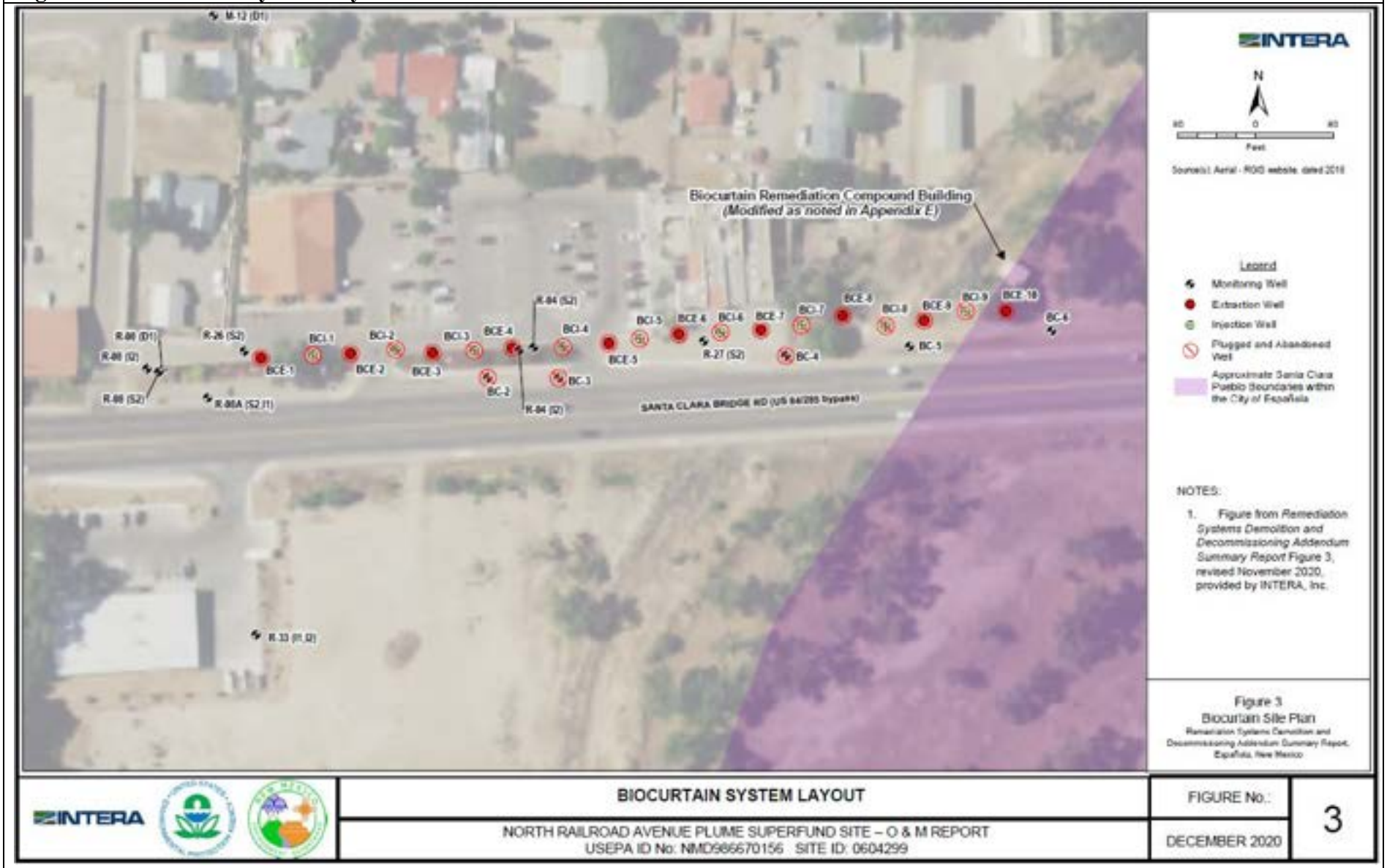


Figure 4 – Deep Zone Bioremediation Wells Layout

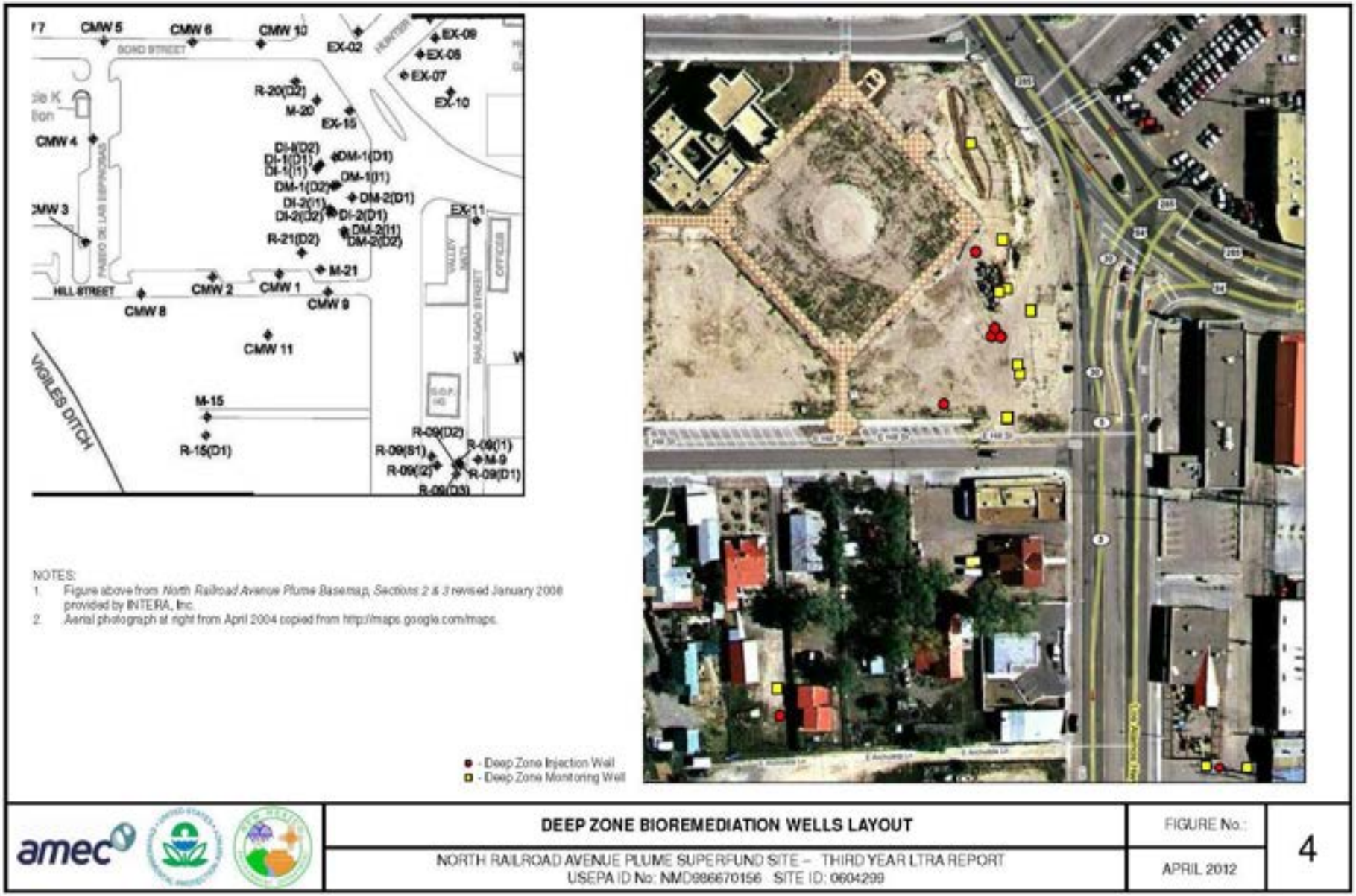


Figure 5 – North Railroad Avenue Plume Monitor Well Location Map

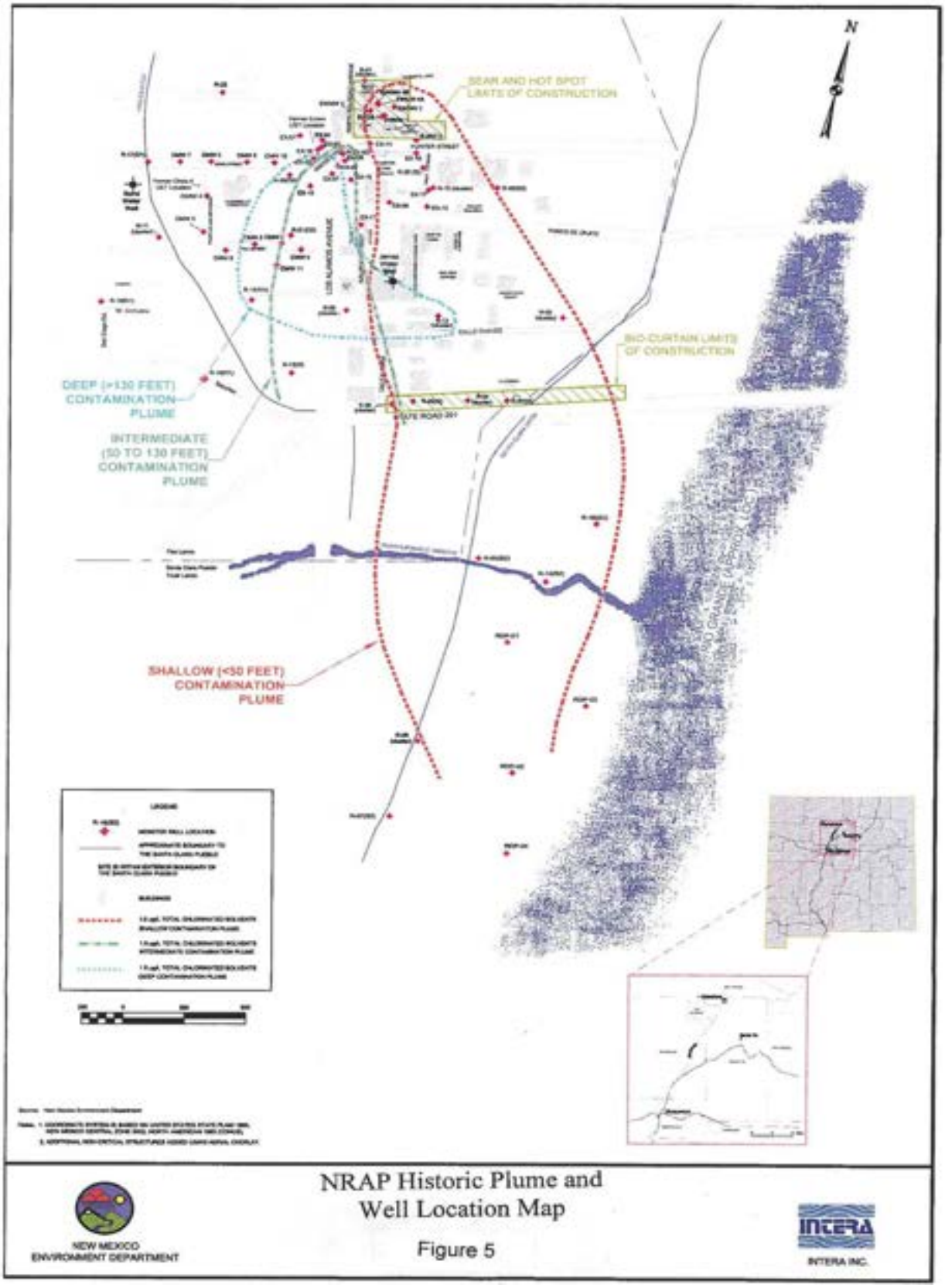


Figure 6 – Shallow Aquifer Potentiometric Surface Contour Map

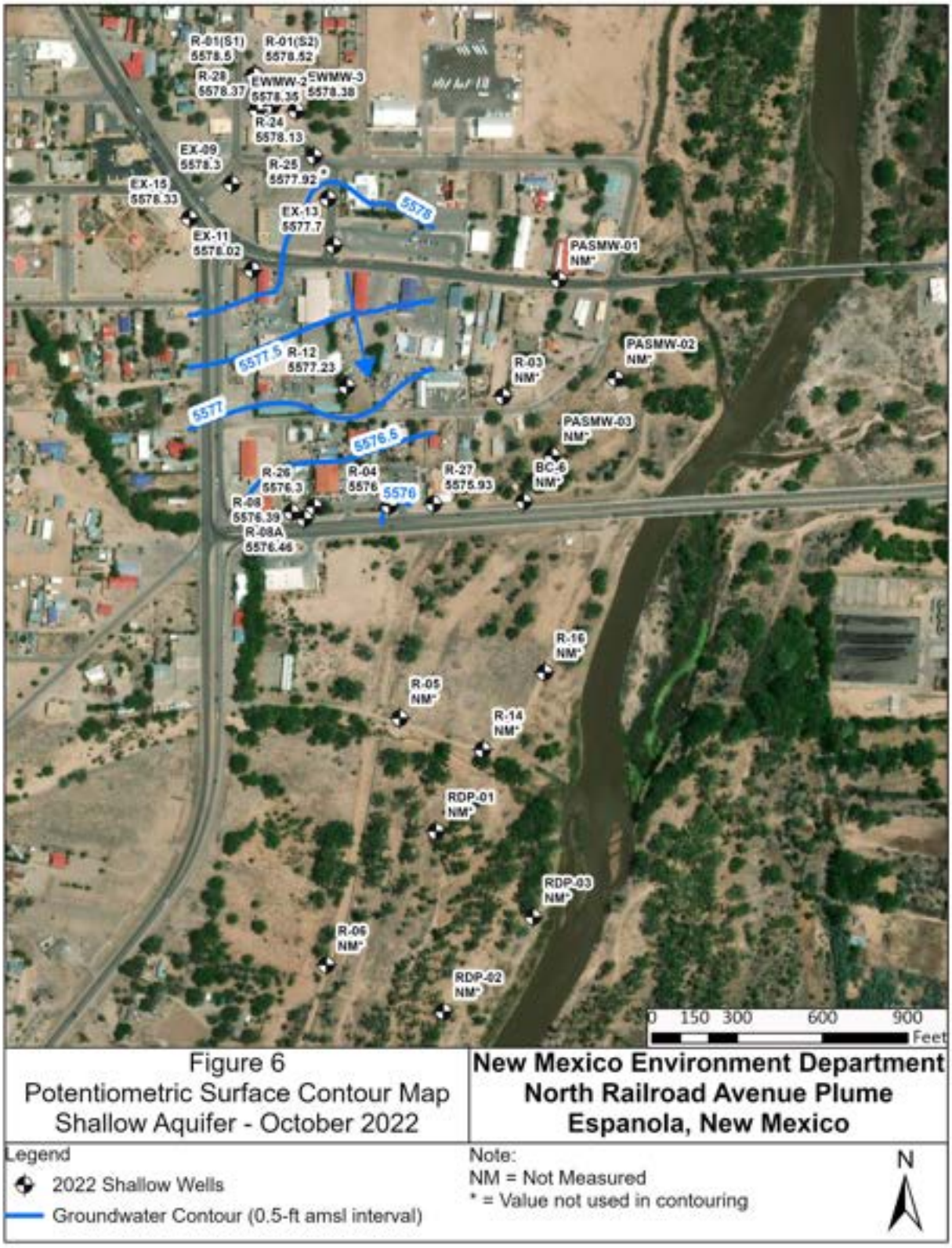


Figure 7 – Intermediate (I1) Aquifer Potentiometric Surface Contour Map



Figure 8 – Intermediate (I2) Aquifer Potentiometric Surface Contour Map

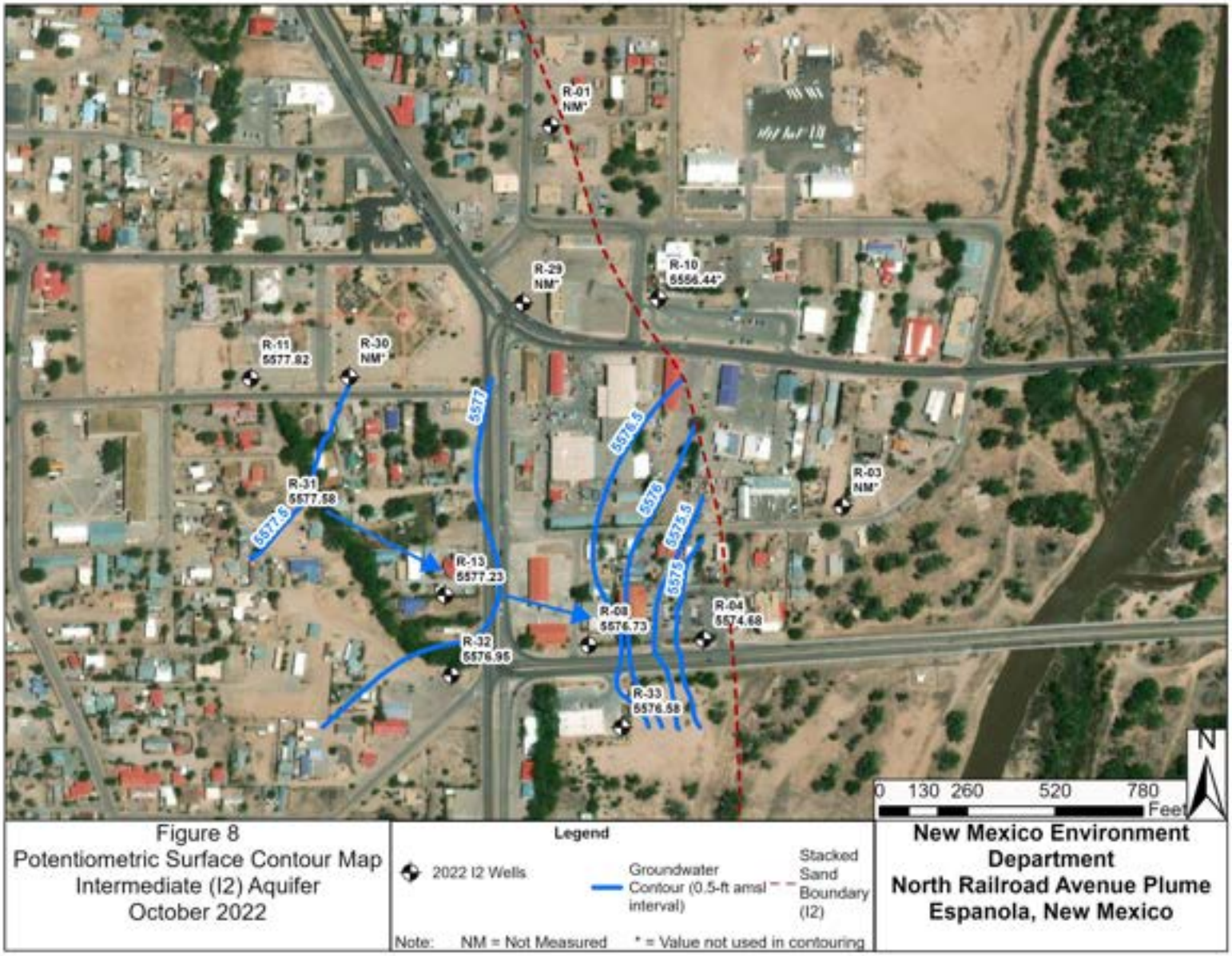


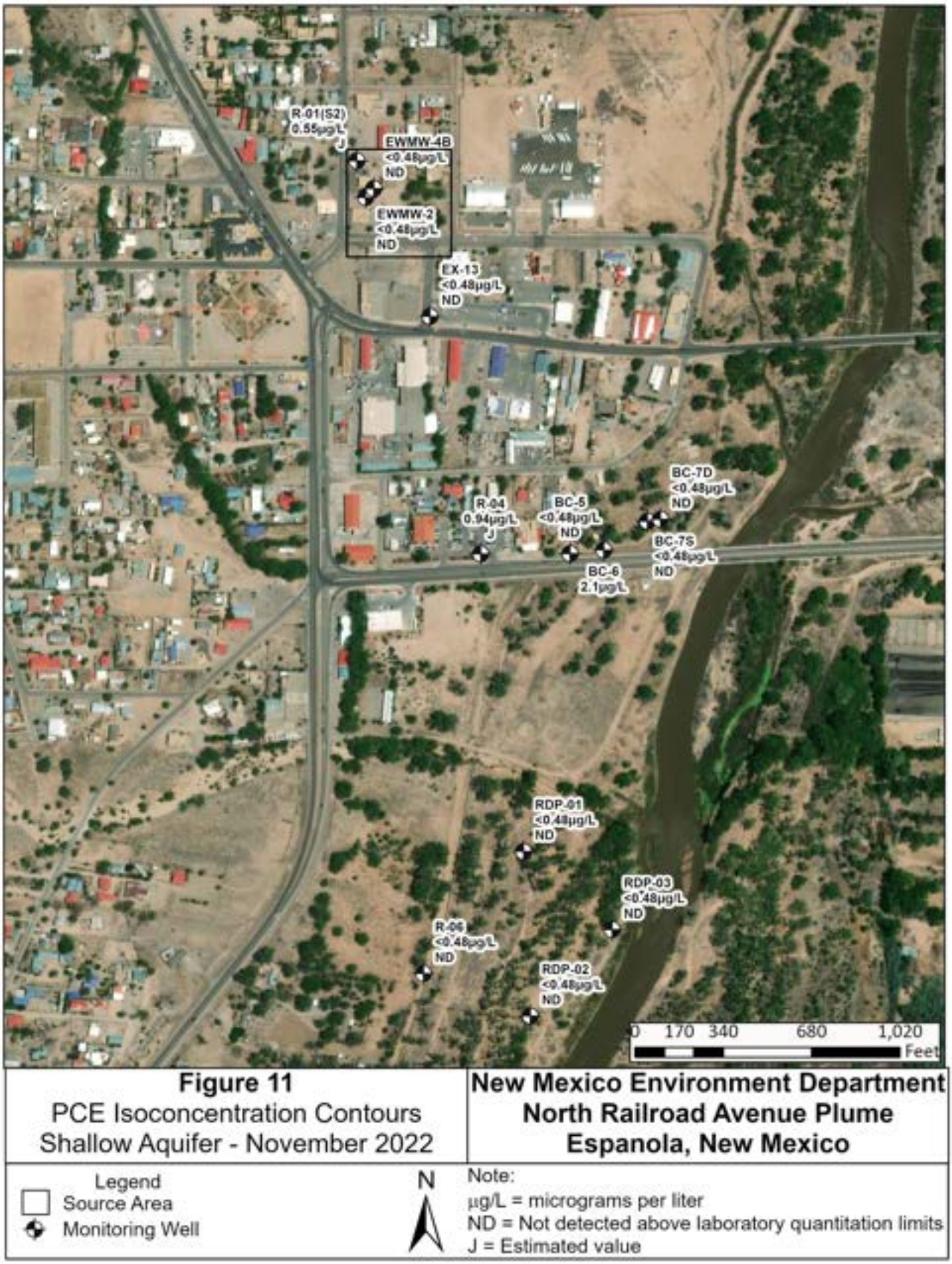
Figure 9 – Deep (D1) Aquifer Potentiometric Surface Contour Map



Figure 10 – Deep (D2) Aquifer Potentiometric Surface Contour Map



Figure 11 – Shallow Aquifer - Isoconcentration Contour Map



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Figure 11a – Shallow Aquifer - Source Area & Hotspot PCE Isoconcentration Contour Map

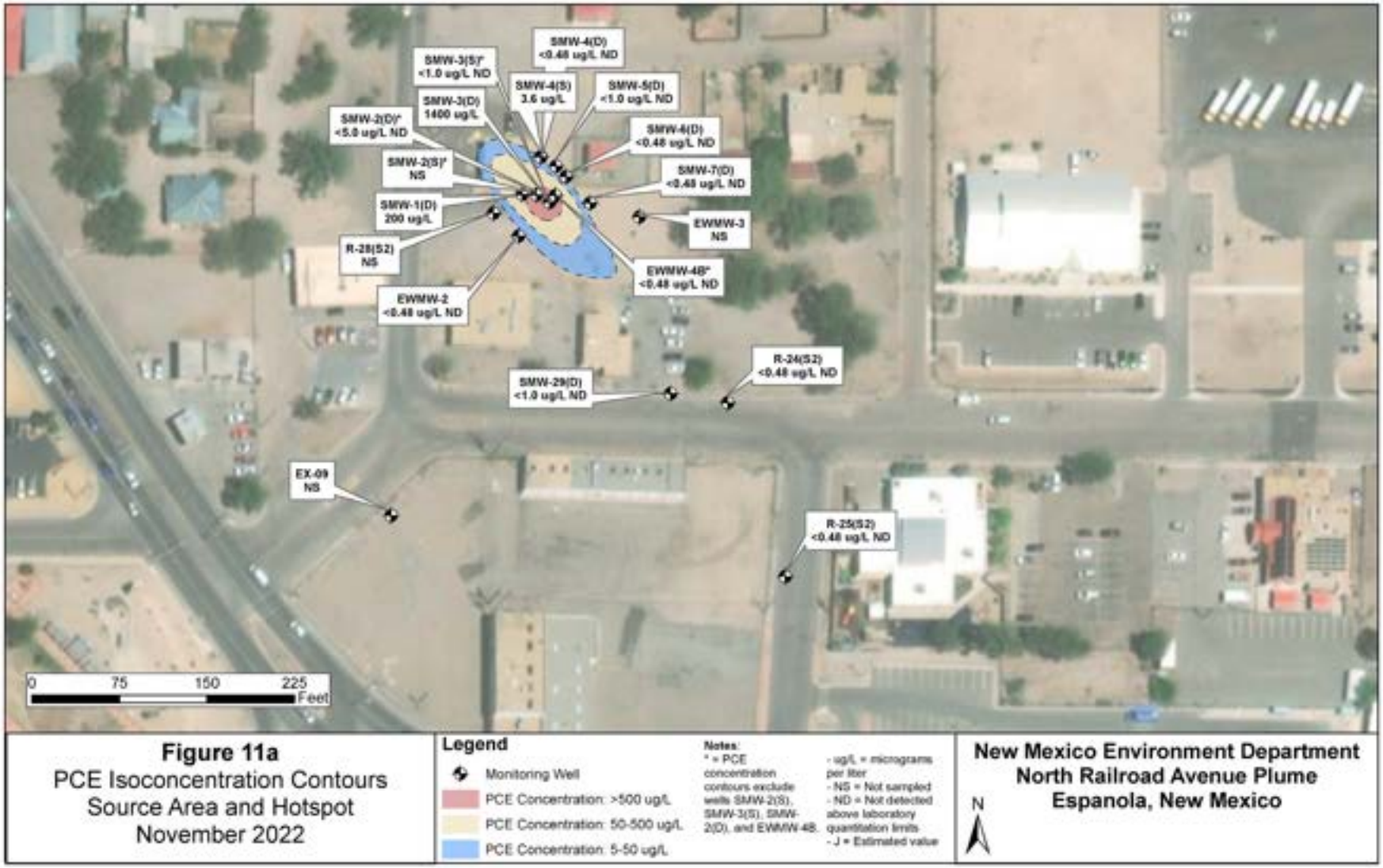


Figure 11b – Shallow Aquifer - Source Area & Hotspot TCE Isoconcentration Contour Map

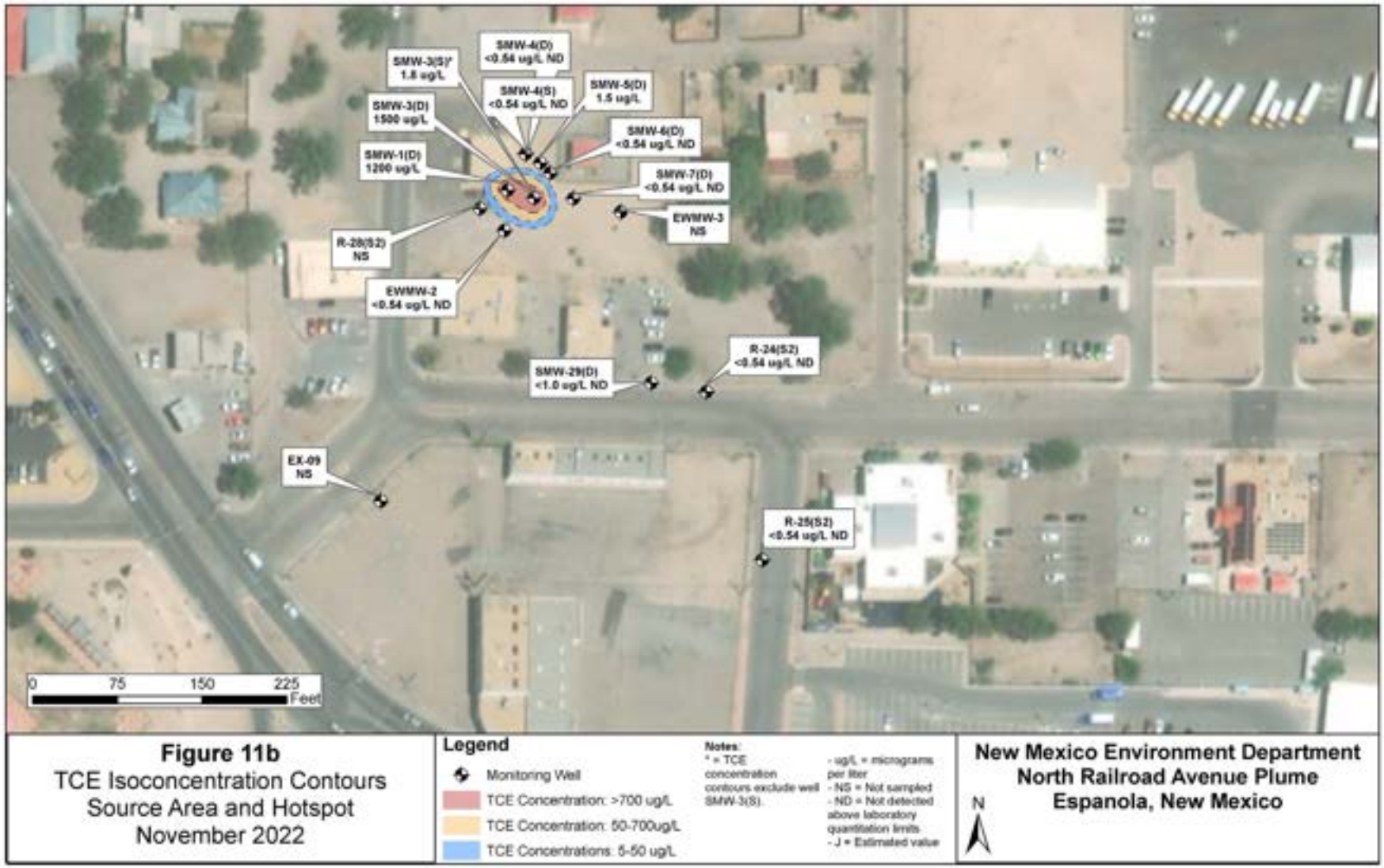


Figure 11c – Shallow Aquifer - Source Area & Hotspot VC Isoconcentration Contour Map

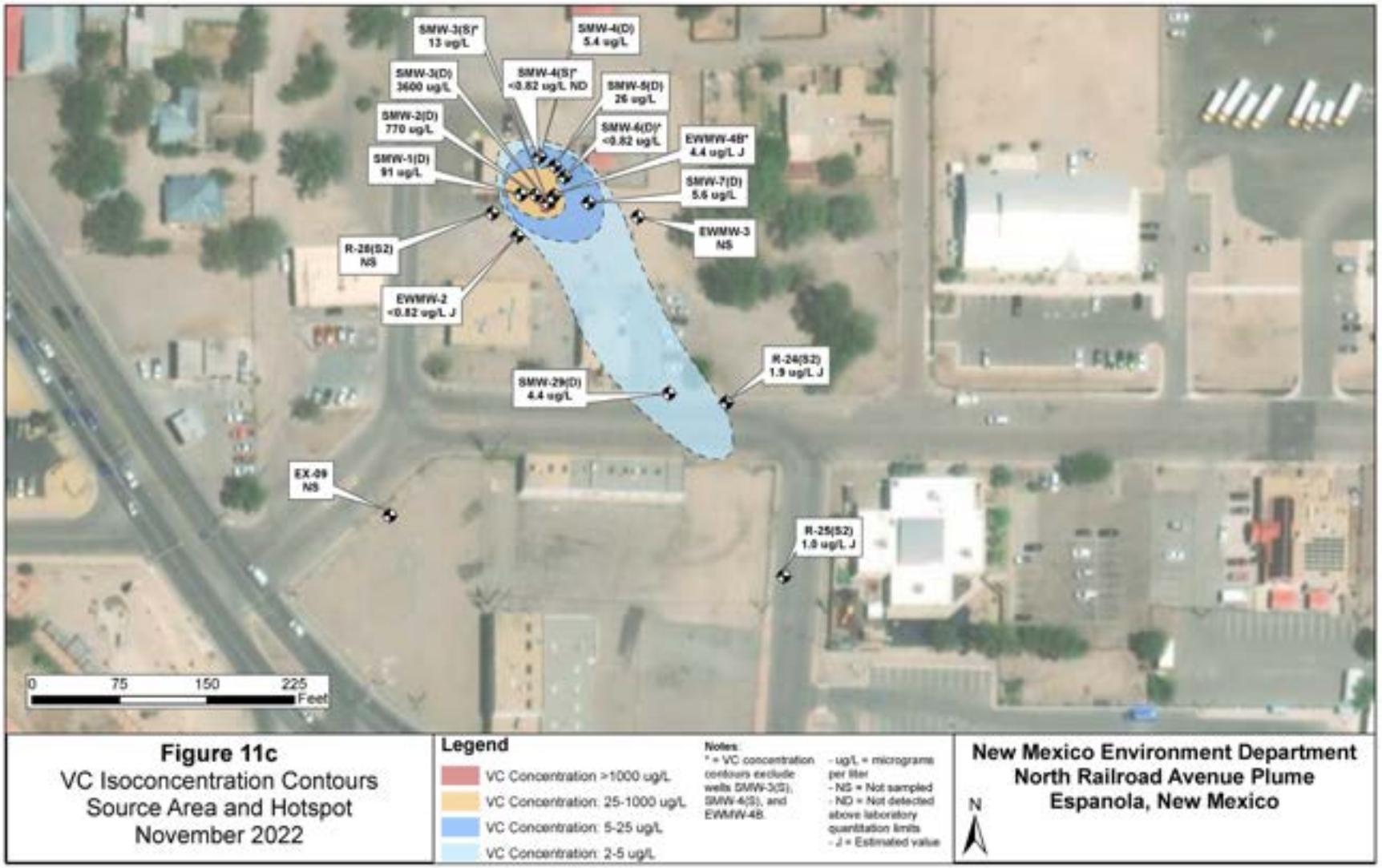


Figure 12 – Intermediate (I1) Aquifer – PCE Isoconcentration Map

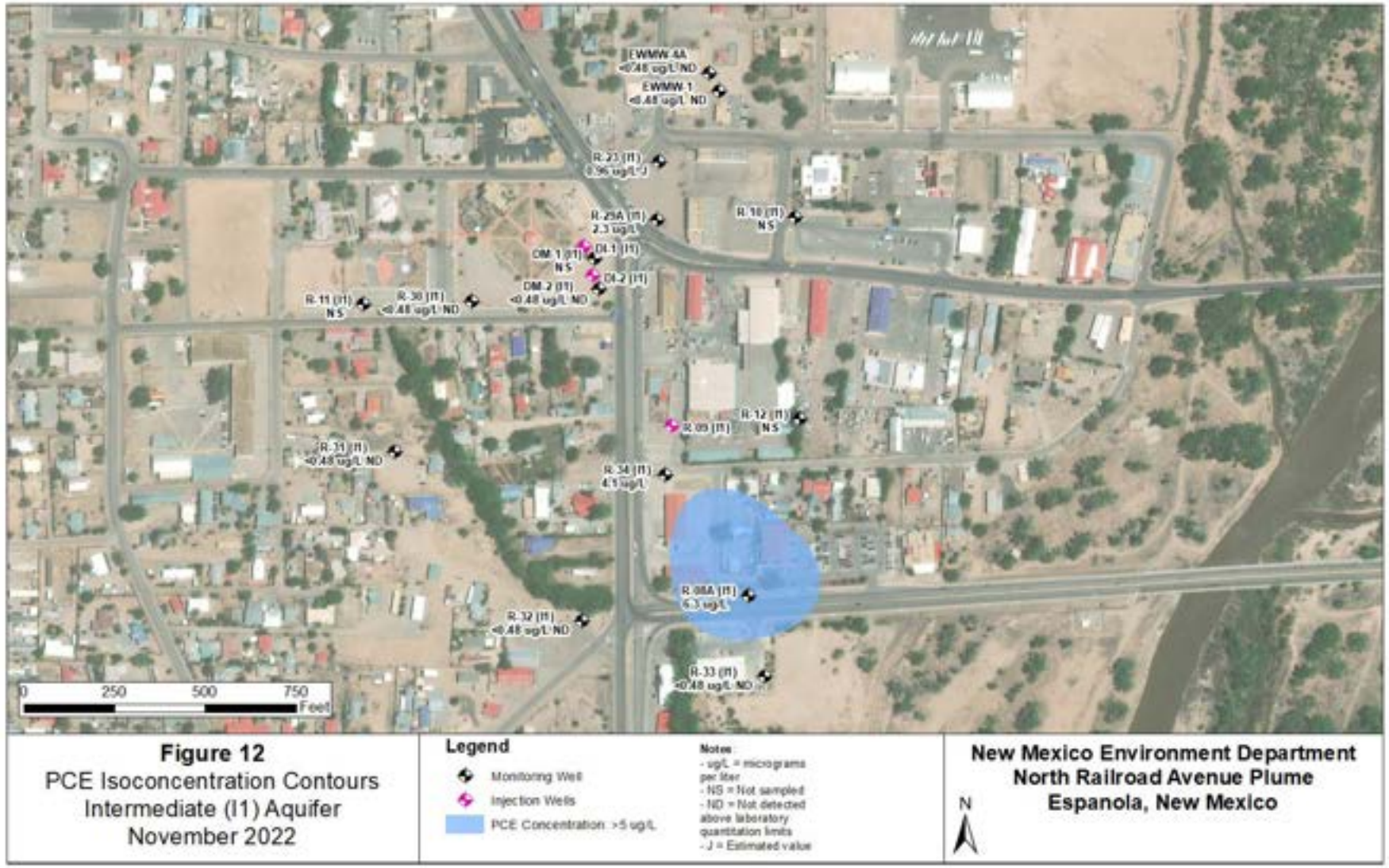


Figure 13 – Intermediate (I2) Aquifer – PCE Isoconcentration Map

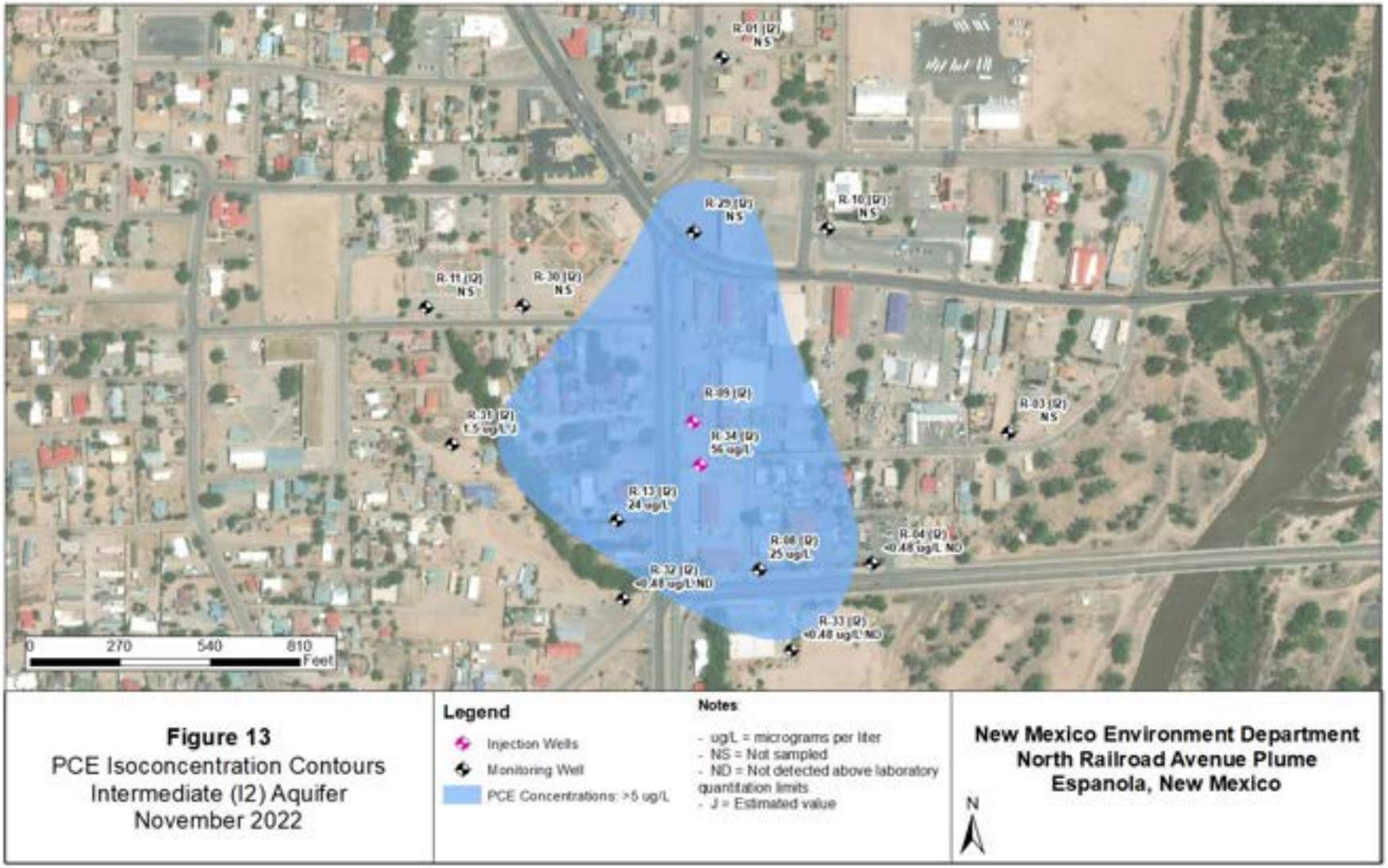


Figure 14 – Deep (D1) Aquifer – PCE Isoconcentration Contour Map

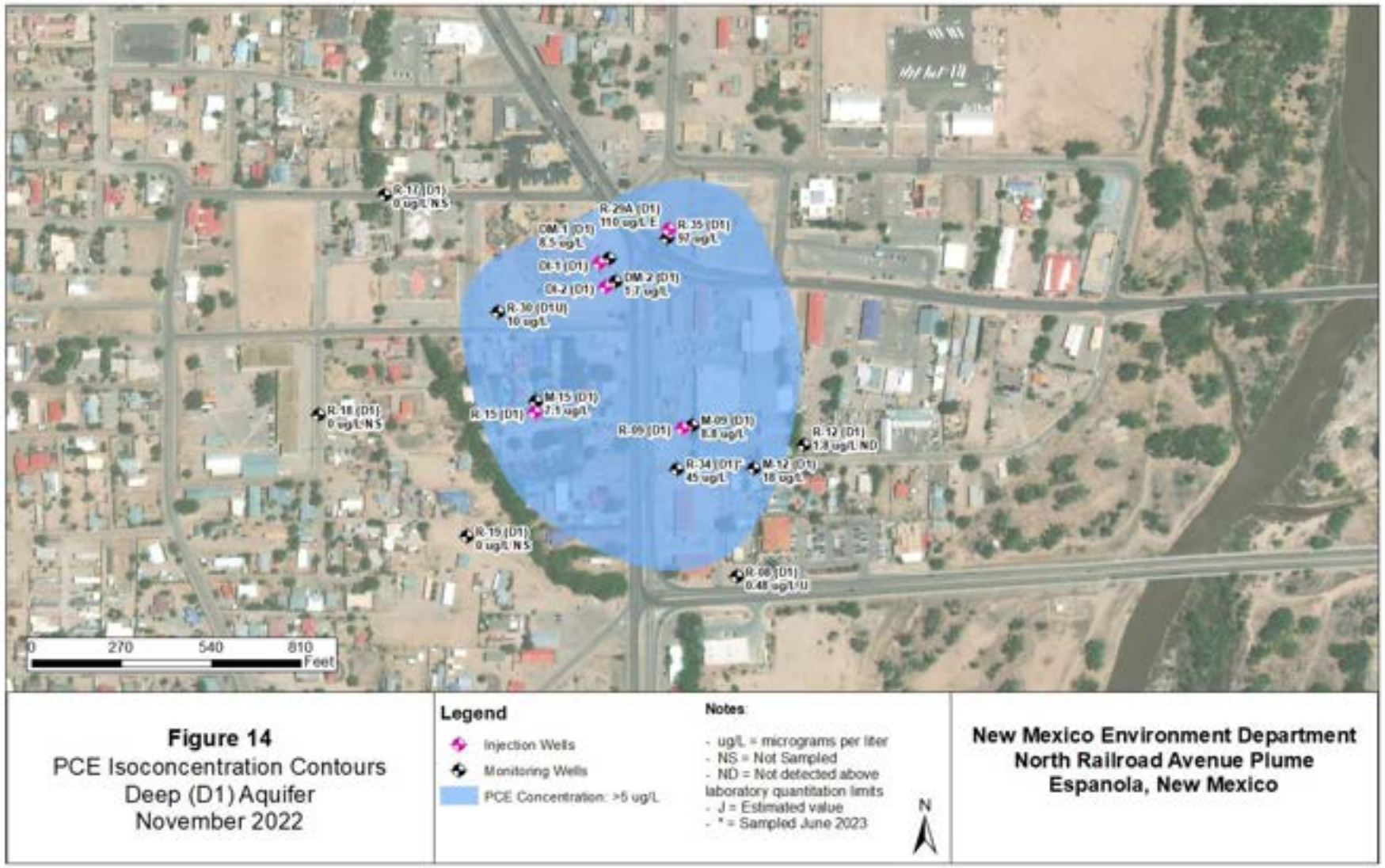
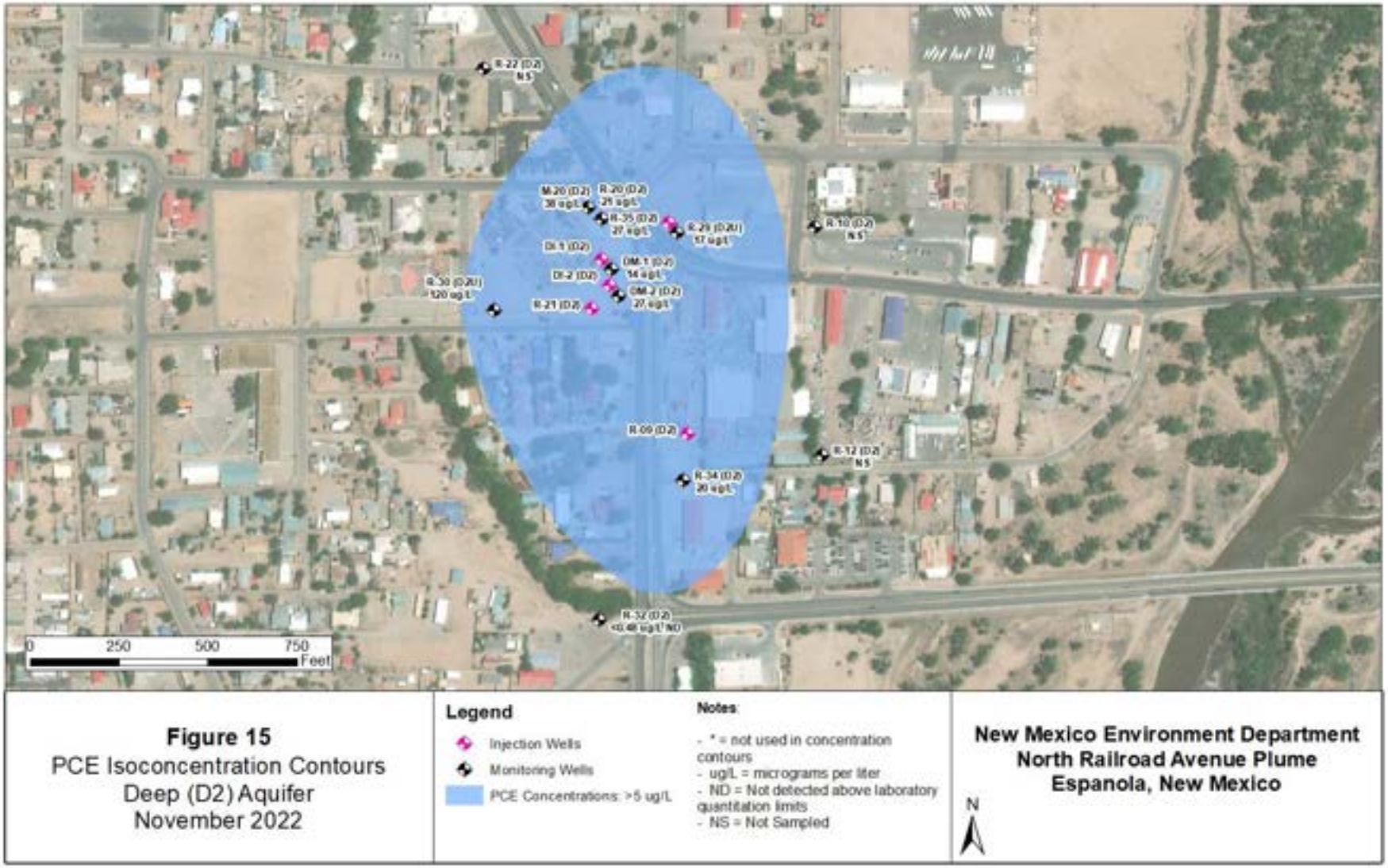


Figure 15 – Deep (D2) Aquifer – PCE Isoconcentration Contour Map



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Appendix A – VOC Sampling Laboratory Analytical Results

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 8:52 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193084-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

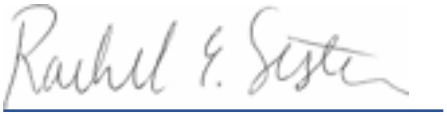
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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Authorized for release by
Rachel E Sester, Project Manager I
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602 659-7615

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193084-1

Revision
This report was revised on 12/1/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 5:20 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/3/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288515 recovered below project specific control limit for 1,2,4-Trichlorobenzene, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported with flags.

DM-1_D2_11-2022 (550-193084-4), DM-2_D2_11-2022 (550-193084-5), R-12_D1_11-2022 (550-193084-6), R-27_I1_11-2022 (550-193084-7), R-12_S1_11-2022 (550-193084-8), DM-1_D1_11-2022 (550-193084-9), DM-2_I1_11-2022 (550-193084-10), R-29A_D1_11-2022 (550-193084-11), R-929A_D1_11-2022 (550-193084-12), TB-01_11-2022 (550-193084-13) and (CCVIS 550-288515/2)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Client Sample ID: DM-2_D1_11-2022 — Lab Sample ID: 550-193084-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		2.0	0.62	ug/L	1		8260B	Total/NA
Iodomethane	0.56	J	2.0	0.53	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	9.8		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	0.94	J	2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-31_I1_11-2022 — Lab Sample ID: 550-193084-2

No Detections.

Client Sample ID: R-31_I2_11-2022 — Lab Sample ID: 550-193084-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.59	J	2.0	0.53	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5	J	2.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: DM-1_D2_11-2022 — Lab Sample ID: 550-193084-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.9		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	14		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.8	J	2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	1.3	J	2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: DM-2_D2_11-2022 — Lab Sample ID: 550-193084-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	27		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	4.0		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-12_D1_11-2022 — Lab Sample ID: 550-193084-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8	J	2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	0.96	J	2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-27_I1_11-2022 — Lab Sample ID: 550-193084-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.4		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.86	J	2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.1		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	6.3		2.0	0.54	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-12_S1_11-2022 — Lab Sample ID: 550-193084-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	14		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	2.2		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: DM-1_D1_11-2022 — Lab Sample ID: 550-193084-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		2.0	0.62	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DM-1_D1_11-2022 (Continued) — Lab Sample ID: 550-193084-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	8.5		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.0		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	15		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: DM-2_I1_11-2022 — Lab Sample ID: 550-193084-10

No Detections.

Client Sample ID: R-29A_D1_11-2022 — Lab Sample ID: 550-193084-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.9		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	110	E	2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	10		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	13		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-929A_D1_11-2022 — Lab Sample ID: 550-193084-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.2		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	25		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	31		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: TB-01_11-2022 — Lab Sample ID: 550-193084-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: DM-2_D1_11-2022

Date Collected: 11/02/22 11:53
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/11/22 04:47	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/11/22 04:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/11/22 04:47	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/11/22 04:47	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/11/22 04:47	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/11/22 04:47	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/11/22 04:47	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/11/22 04:47	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/11/22 04:47	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/11/22 04:47	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 04:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/11/22 04:47	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/11/22 04:47	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/11/22 04:47	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/11/22 04:47	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/11/22 04:47	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 04:47	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/11/22 04:47	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/11/22 04:47	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/11/22 04:47	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/11/22 04:47	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/11/22 04:47	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/11/22 04:47	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/11/22 04:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/11/22 04:47	1
Acetone	ND		20	9.8	ug/L			11/11/22 04:47	1
Benzene	ND		2.0	0.52	ug/L			11/11/22 04:47	1
Bromobenzene	ND		5.0	0.49	ug/L			11/11/22 04:47	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/11/22 04:47	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/11/22 04:47	1
Bromoform	ND		5.0	0.64	ug/L			11/11/22 04:47	1
Bromomethane	ND		10	5.2	ug/L			11/11/22 04:47	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/11/22 04:47	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/11/22 04:47	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/11/22 04:47	1
Chloroethane	ND		5.0	0.62	ug/L			11/11/22 04:47	1
Chloroform	ND		2.0	0.48	ug/L			11/11/22 04:47	1
Chloromethane	ND		5.0	0.84	ug/L			11/11/22 04:47	1
cis-1,2-Dichloroethene	**17**		2.0	0.62	ug/L			11/11/22 04:47	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/11/22 04:47	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/11/22 04:47	1
Dibromomethane	ND		2.0	0.55	ug/L			11/11/22 04:47	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/11/22 04:47	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/11/22 04:47	1
Freon 113	ND		5.0	0.53	ug/L			11/11/22 04:47	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/11/22 04:47	1
Iodomethane	**0.56**	**J**	2.0	0.53	ug/L			11/11/22 04:47	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/11/22 04:47	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/11/22 04:47	1

Client Sample ID: DM-2_D1_11-2022

Date Collected: 11/02/22 11:53
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/11/22 04:47	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/11/22 04:47	1
Naphthalene	ND		5.0	2.2	ug/L			11/11/22 04:47	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/11/22 04:47	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/11/22 04:47	1
o-Xylene	ND		5.0	0.47	ug/L			11/11/22 04:47	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/11/22 04:47	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/11/22 04:47	1
Styrene	ND		2.0	0.49	ug/L			11/11/22 04:47	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/11/22 04:47	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/11/22 04:47	1
Toluene	ND		2.0	0.49	ug/L			11/11/22 04:47	1
trans-1,2-Dichloroethene	**9.8**		2.0	0.52	ug/L			11/11/22 04:47	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/11/22 04:47	1
Trichloroethene	**0.94**	**J**	2.0	0.54	ug/L			11/11/22 04:47	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/11/22 04:47	1
Vinyl acetate	ND		25	4.1	ug/L			11/11/22 04:47	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/11/22 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/11/22 04:47*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/11/22 04:47*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*11/11/22 04:47*	*1*

Client Sample ID: R-31_I1_11-2022

Date Collected: 11/02/22 13:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/11/22 05:08	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/11/22 05:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/11/22 05:08	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/11/22 05:08	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/11/22 05:08	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/11/22 05:08	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/11/22 05:08	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/11/22 05:08	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/11/22 05:08	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/11/22 05:08	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 05:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/11/22 05:08	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/11/22 05:08	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/11/22 05:08	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/11/22 05:08	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/11/22 05:08	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 05:08	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/11/22 05:08	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/11/22 05:08	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/11/22 05:08	1

Client Sample ID: R-31_I1_11-2022

Date Collected: 11/02/22 13:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/11/22 05:08	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/11/22 05:08	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/11/22 05:08	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/11/22 05:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/11/22 05:08	1
Acetone	ND		20	9.8	ug/L			11/11/22 05:08	1
Benzene	ND		2.0	0.52	ug/L			11/11/22 05:08	1
Bromobenzene	ND		5.0	0.49	ug/L			11/11/22 05:08	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/11/22 05:08	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/11/22 05:08	1
Bromoform	ND		5.0	0.64	ug/L			11/11/22 05:08	1
Bromomethane	ND		10	5.2	ug/L			11/11/22 05:08	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/11/22 05:08	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/11/22 05:08	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/11/22 05:08	1
Chloroethane	ND		5.0	0.62	ug/L			11/11/22 05:08	1
Chloroform	ND		2.0	0.48	ug/L			11/11/22 05:08	1
Chloromethane	ND		5.0	0.84	ug/L			11/11/22 05:08	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/11/22 05:08	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/11/22 05:08	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/11/22 05:08	1
Dibromomethane	ND		2.0	0.55	ug/L			11/11/22 05:08	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/11/22 05:08	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/11/22 05:08	1
Freon 113	ND		5.0	0.53	ug/L			11/11/22 05:08	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/11/22 05:08	1
Iodomethane	ND		2.0	0.53	ug/L			11/11/22 05:08	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/11/22 05:08	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/11/22 05:08	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/11/22 05:08	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/11/22 05:08	1
Naphthalene	ND		5.0	2.2	ug/L			11/11/22 05:08	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/11/22 05:08	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/11/22 05:08	1
o-Xylene	ND		5.0	0.47	ug/L			11/11/22 05:08	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/11/22 05:08	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/11/22 05:08	1
Styrene	ND		2.0	0.49	ug/L			11/11/22 05:08	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/11/22 05:08	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/11/22 05:08	1
Toluene	ND		2.0	0.49	ug/L			11/11/22 05:08	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/11/22 05:08	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/11/22 05:08	1
Trichloroethene	ND		2.0	0.54	ug/L			11/11/22 05:08	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/11/22 05:08	1
Vinyl acetate	ND		25	4.1	ug/L			11/11/22 05:08	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/11/22 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/11/22 05:08*	*1*

Client Sample ID: R-31_I1_11-2022

Date Collected: 11/02/22 13:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*11/11/22 05:08*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*11/11/22 05:08*	*1*

Client Sample ID: R-31_I2_11-2022

Date Collected: 11/02/22 14:00
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/11/22 05:29	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/11/22 05:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/11/22 05:29	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/11/22 05:29	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/11/22 05:29	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/11/22 05:29	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/11/22 05:29	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/11/22 05:29	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/11/22 05:29	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/11/22 05:29	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 05:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/11/22 05:29	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/11/22 05:29	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/11/22 05:29	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/11/22 05:29	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/11/22 05:29	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/11/22 05:29	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/11/22 05:29	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/11/22 05:29	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/11/22 05:29	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/11/22 05:29	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/11/22 05:29	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/11/22 05:29	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/11/22 05:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/11/22 05:29	1
Acetone	ND		20	9.8	ug/L			11/11/22 05:29	1
Benzene	ND		2.0	0.52	ug/L			11/11/22 05:29	1
Bromobenzene	ND		5.0	0.49	ug/L			11/11/22 05:29	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/11/22 05:29	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/11/22 05:29	1
Bromoform	ND		5.0	0.64	ug/L			11/11/22 05:29	1
Bromomethane	ND		10	5.2	ug/L			11/11/22 05:29	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/11/22 05:29	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/11/22 05:29	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/11/22 05:29	1
Chloroethane	ND		5.0	0.62	ug/L			11/11/22 05:29	1
Chloroform	ND		2.0	0.48	ug/L			11/11/22 05:29	1
Chloromethane	ND		5.0	0.84	ug/L			11/11/22 05:29	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/11/22 05:29	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/11/22 05:29	1

Client Sample ID: R-31_I2_11-2022

Date Collected: 11/02/22 14:00
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/11/22 05:29	1
Dibromomethane	ND		2.0	0.55	ug/L			11/11/22 05:29	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/11/22 05:29	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/11/22 05:29	1
Freon 113	ND		5.0	0.53	ug/L			11/11/22 05:29	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/11/22 05:29	1
Iodomethane	**0.59**	**J**	2.0	0.53	ug/L			11/11/22 05:29	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/11/22 05:29	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/11/22 05:29	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/11/22 05:29	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/11/22 05:29	1
Naphthalene	ND		5.0	2.2	ug/L			11/11/22 05:29	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/11/22 05:29	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/11/22 05:29	1
o-Xylene	ND		5.0	0.47	ug/L			11/11/22 05:29	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/11/22 05:29	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/11/22 05:29	1
Styrene	ND		2.0	0.49	ug/L			11/11/22 05:29	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/11/22 05:29	1
Tetrachloroethene	**1.5**	**J**	2.0	0.48	ug/L			11/11/22 05:29	1
Toluene	ND		2.0	0.49	ug/L			11/11/22 05:29	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/11/22 05:29	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/11/22 05:29	1
Trichloroethene	ND		2.0	0.54	ug/L			11/11/22 05:29	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/11/22 05:29	1
Vinyl acetate	ND		25	4.1	ug/L			11/11/22 05:29	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/11/22 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/11/22 05:29*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/11/22 05:29*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/11/22 05:29*	*1*

Client Sample ID: DM-1_D2_11-2022

Date Collected: 11/02/22 11:05
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 15:49	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 15:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 15:49	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 15:49	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 15:49	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 15:49	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 15:49	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 15:49	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 15:49	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 15:49	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 15:49	1

Client Sample ID: DM-1_D2_11-2022

Date Collected: 11/02/22 11:05
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 15:49	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 15:49	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 15:49	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 15:49	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 15:49	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 15:49	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 15:49	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 15:49	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 15:49	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 15:49	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 15:49	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 15:49	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 15:49	1
Acetone	ND		20	9.8	ug/L			11/12/22 15:49	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 15:49	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 15:49	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 15:49	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 15:49	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 15:49	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 15:49	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 15:49	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 15:49	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 15:49	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 15:49	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 15:49	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 15:49	1
cis-1,2-Dichloroethene	**6.9**		2.0	0.62	ug/L			11/12/22 15:49	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 15:49	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 15:49	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 15:49	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 15:49	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 15:49	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 15:49	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 15:49	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 15:49	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 15:49	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 15:49	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 15:49	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 15:49	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 15:49	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 15:49	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 15:49	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 15:49	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 15:49	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 15:49	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 15:49	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 15:49	1
Tetrachloroethene	**14**		2.0	0.48	ug/L			11/12/22 15:49	1

Client Sample ID: DM-1_D2_11-2022

Date Collected: 11/02/22 11:05
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/12/22 15:49	1
trans-1,2-Dichloroethene	**1.8**	**J**	2.0	0.52	ug/L			11/12/22 15:49	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 15:49	1
Trichloroethene	**1.3**	**J**	2.0	0.54	ug/L			11/12/22 15:49	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 15:49	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 15:49	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/12/22 15:49*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/12/22 15:49*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*11/12/22 15:49*	*1*

Client Sample ID: DM-2_D2_11-2022

Date Collected: 11/02/22 11:21
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 16:11	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 16:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 16:11	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 16:11	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 16:11	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 16:11	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 16:11	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 16:11	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 16:11	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 16:11	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 16:11	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 16:11	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 16:11	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 16:11	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 16:11	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:11	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:11	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 16:11	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 16:11	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 16:11	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 16:11	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 16:11	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 16:11	1
Acetone	ND		20	9.8	ug/L			11/12/22 16:11	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 16:11	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 16:11	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 16:11	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 16:11	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 16:11	1

Client Sample ID: DM-2_D2_11-2022

Date Collected: 11/02/22 11:21
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/12/22 16:11	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 16:11	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 16:11	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:11	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 16:11	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 16:11	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 16:11	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/12/22 16:11	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 16:11	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 16:11	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 16:11	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 16:11	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 16:11	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 16:11	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 16:11	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 16:11	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 16:11	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 16:11	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 16:11	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 16:11	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 16:11	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 16:11	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 16:11	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 16:11	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 16:11	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 16:11	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 16:11	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 16:11	1
Tetrachloroethene	**27**		2.0	0.48	ug/L			11/12/22 16:11	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 16:11	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/12/22 16:11	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 16:11	1
Trichloroethene	**4.0**		2.0	0.54	ug/L			11/12/22 16:11	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 16:11	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 16:11	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/12/22 16:11*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/12/22 16:11*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*11/12/22 16:11*	*1*

Client Sample ID: R-12_D1_11-2022

Date Collected: 11/02/22 10:00
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 16:32	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 16:32	1

Client Sample ID: R-12_D1_11-2022

Date Collected: 11/02/22 10:00
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 16:32	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 16:32	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 16:32	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 16:32	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 16:32	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 16:32	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 16:32	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 16:32	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 16:32	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 16:32	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 16:32	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 16:32	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 16:32	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:32	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:32	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 16:32	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 16:32	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 16:32	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 16:32	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 16:32	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 16:32	1
Acetone	ND		20	9.8	ug/L			11/12/22 16:32	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 16:32	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 16:32	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 16:32	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 16:32	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 16:32	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 16:32	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 16:32	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 16:32	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:32	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 16:32	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 16:32	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 16:32	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/12/22 16:32	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 16:32	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 16:32	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 16:32	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 16:32	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 16:32	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 16:32	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 16:32	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 16:32	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 16:32	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 16:32	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 16:32	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 16:32	1

Client Sample ID: R-12_D1_11-2022

Date Collected: 11/02/22 10:00
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 16:32	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 16:32	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 16:32	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 16:32	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 16:32	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 16:32	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 16:32	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 16:32	1
Tetrachloroethene	**1.8**	**J**	2.0	0.48	ug/L			11/12/22 16:32	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 16:32	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/12/22 16:32	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 16:32	1
Trichloroethene	**0.96**	**J**	2.0	0.54	ug/L			11/12/22 16:32	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 16:32	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 16:32	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/12/22 16:32*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/12/22 16:32*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*11/12/22 16:32*	*1*

Client Sample ID: R-27_I1_11-2022

Date Collected: 11/02/22 13:10
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 16:53	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 16:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 16:53	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 16:53	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 16:53	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 16:53	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 16:53	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 16:53	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 16:53	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 16:53	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 16:53	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 16:53	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 16:53	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 16:53	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 16:53	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 16:53	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:53	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 16:53	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 16:53	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 16:53	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 16:53	1

Client Sample ID: R-27_I1_11-2022

Date Collected: 11/02/22 13:10
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 16:53	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 16:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 16:53	1
Acetone	ND		20	9.8	ug/L			11/12/22 16:53	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 16:53	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 16:53	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 16:53	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 16:53	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 16:53	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 16:53	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 16:53	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 16:53	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 16:53	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 16:53	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 16:53	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 16:53	1
cis-1,2-Dichloroethene	**9.4**		2.0	0.62	ug/L			11/12/22 16:53	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 16:53	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 16:53	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 16:53	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 16:53	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 16:53	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 16:53	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 16:53	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 16:53	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 16:53	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 16:53	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 16:53	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 16:53	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 16:53	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 16:53	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 16:53	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 16:53	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 16:53	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 16:53	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 16:53	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 16:53	1
Tetrachloroethene	**0.86**	**J**	2.0	0.48	ug/L			11/12/22 16:53	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 16:53	1
trans-1,2-Dichloroethene	**3.1**		2.0	0.52	ug/L			11/12/22 16:53	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 16:53	1
Trichloroethene	**6.3**		2.0	0.54	ug/L			11/12/22 16:53	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 16:53	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 16:53	1
Vinyl chloride	**1.1**	**J**	5.0	0.82	ug/L			11/12/22 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/12/22 16:53*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/12/22 16:53*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/12/22 16:53*	*1*

Client Sample ID: R-12_S1_11-2022

Date Collected: 11/02/22 10:19
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 17:14	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 17:14	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 17:14	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 17:14	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 17:14	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 17:14	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 17:14	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 17:14	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 17:14	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 17:14	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 17:14	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 17:14	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 17:14	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 17:14	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 17:14	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:14	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:14	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 17:14	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 17:14	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 17:14	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 17:14	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 17:14	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 17:14	1
Acetone	ND		20	9.8	ug/L			11/12/22 17:14	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 17:14	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 17:14	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 17:14	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 17:14	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 17:14	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 17:14	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 17:14	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 17:14	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:14	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 17:14	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 17:14	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 17:14	1
cis-1,2-Dichloroethene	**12**		2.0	0.62	ug/L			11/12/22 17:14	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 17:14	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 17:14	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 17:14	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 17:14	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 17:14	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 17:14	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 17:14	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 17:14	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 17:14	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 17:14	1

Client Sample ID: R-12_S1_11-2022

Date Collected: 11/02/22 10:19
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 17:14	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 17:14	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 17:14	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 17:14	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 17:14	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 17:14	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 17:14	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 17:14	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 17:14	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 17:14	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/12/22 17:14	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 17:14	1
trans-1,2-Dichloroethene	**14**		2.0	0.52	ug/L			11/12/22 17:14	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 17:14	1
Trichloroethene	**2.2**		2.0	0.54	ug/L			11/12/22 17:14	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 17:14	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 17:14	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/12/22 17:14*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/12/22 17:14*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*11/12/22 17:14*	*1*

Client Sample ID: DM-1_D1_11-2022

Date Collected: 11/02/22 10:49
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 17:35	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 17:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 17:35	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 17:35	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 17:35	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 17:35	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 17:35	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 17:35	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 17:35	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 17:35	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 17:35	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 17:35	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 17:35	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 17:35	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 17:35	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:35	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:35	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 17:35	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 17:35	1

Client Sample ID: DM-1_D1_11-2022

Date Collected: 11/02/22 10:49
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 17:35	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 17:35	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 17:35	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 17:35	1
Acetone	ND		20	9.8	ug/L			11/12/22 17:35	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 17:35	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 17:35	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 17:35	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 17:35	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 17:35	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 17:35	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 17:35	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 17:35	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:35	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 17:35	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 17:35	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 17:35	1
cis-1,2-Dichloroethene	**3.2**		2.0	0.62	ug/L			11/12/22 17:35	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 17:35	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 17:35	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 17:35	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 17:35	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 17:35	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 17:35	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 17:35	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 17:35	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 17:35	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 17:35	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 17:35	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 17:35	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 17:35	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 17:35	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 17:35	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 17:35	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 17:35	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 17:35	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 17:35	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 17:35	1
Tetrachloroethene	**8.5**		2.0	0.48	ug/L			11/12/22 17:35	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 17:35	1
trans-1,2-Dichloroethene	**3.0**		2.0	0.52	ug/L			11/12/22 17:35	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 17:35	1
Trichloroethene	**15**		2.0	0.54	ug/L			11/12/22 17:35	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 17:35	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 17:35	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/12/22 17:35*	*1*

Client Sample ID: DM-1_D1_11-2022

Date Collected: 11/02/22 10:49
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*11/12/22 17:35*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*11/12/22 17:35*	*1*

Client Sample ID: DM-2_I1_11-2022

Date Collected: 11/02/22 11:36
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 17:55	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 17:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 17:55	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 17:55	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 17:55	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 17:55	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 17:55	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 17:55	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 17:55	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 17:55	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:55	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 17:55	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 17:55	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 17:55	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 17:55	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 17:55	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 17:55	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:55	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 17:55	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 17:55	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 17:55	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 17:55	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 17:55	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 17:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 17:55	1
Acetone	ND		20	9.8	ug/L			11/12/22 17:55	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 17:55	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 17:55	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 17:55	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 17:55	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 17:55	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 17:55	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 17:55	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 17:55	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 17:55	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 17:55	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 17:55	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 17:55	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/12/22 17:55	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 17:55	1

Client Sample ID: DM-2_I1_11-2022

Date Collected: 11/02/22 11:36
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 17:55	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 17:55	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 17:55	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 17:55	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 17:55	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 17:55	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 17:55	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 17:55	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 17:55	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 17:55	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 17:55	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 17:55	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 17:55	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 17:55	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 17:55	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 17:55	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 17:55	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 17:55	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 17:55	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/12/22 17:55	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 17:55	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/12/22 17:55	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 17:55	1
Trichloroethene	ND		2.0	0.54	ug/L			11/12/22 17:55	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 17:55	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 17:55	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/12/22 17:55*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/12/22 17:55*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/12/22 17:55*	*1*

Client Sample ID: R-29A_D1_11-2022

Date Collected: 11/02/22 11:50
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 15:28	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 15:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 15:28	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 15:28	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 15:28	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 15:28	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 15:28	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 15:28	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 15:28	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 15:28	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 15:28	1

Client Sample ID: R-29A_D1_11-2022

Date Collected: 11/02/22 11:50
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 15:28	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 15:28	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 15:28	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 15:28	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 15:28	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 15:28	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 15:28	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 15:28	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 15:28	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 15:28	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 15:28	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 15:28	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 15:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 15:28	1
Acetone	ND		20	9.8	ug/L			11/12/22 15:28	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 15:28	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 15:28	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 15:28	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 15:28	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 15:28	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 15:28	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 15:28	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 15:28	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 15:28	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 15:28	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 15:28	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 15:28	1
cis-1,2-Dichloroethene	**6.9**		2.0	0.62	ug/L			11/12/22 15:28	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 15:28	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 15:28	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 15:28	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 15:28	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 15:28	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 15:28	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 15:28	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 15:28	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 15:28	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 15:28	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 15:28	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 15:28	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 15:28	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 15:28	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 15:28	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 15:28	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 15:28	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 15:28	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 15:28	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 15:28	1
Tetrachloroethene	**110**	**E**	2.0	0.48	ug/L			11/12/22 15:28	1

Client Sample ID: R-29A_D1_11-2022
Lab Sample ID: 550-193084-11

Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/03/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/12/22 15:28	1
trans-1,2-Dichloroethene	**10**		2.0	0.52	ug/L			11/12/22 15:28	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 15:28	1
Trichloroethene	**13**		2.0	0.54	ug/L			11/12/22 15:28	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 15:28	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 15:28	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/12/22 15:28*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*11/12/22 15:28*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/12/22 15:28*	*1*

Client Sample ID: R-929A_D1_11-2022
Lab Sample ID: 550-193084-12

Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/03/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 18:17	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 18:17	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 18:17	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 18:17	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 18:17	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 18:17	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 18:17	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 18:17	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 18:17	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 18:17	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 18:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 18:17	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 18:17	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 18:17	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 18:17	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 18:17	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 18:17	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 18:17	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 18:17	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 18:17	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 18:17	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 18:17	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 18:17	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 18:17	1
Acetone	ND		20	9.8	ug/L			11/12/22 18:17	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 18:17	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 18:17	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 18:17	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 18:17	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 18:17	1

Client Sample ID: R-929A_D1_11-2022
Lab Sample ID: 550-193084-12

Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/03/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/12/22 18:17	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 18:17	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 18:17	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 18:17	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 18:17	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 18:17	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 18:17	1
cis-1,2-Dichloroethene	**32**		2.0	0.62	ug/L			11/12/22 18:17	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 18:17	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 18:17	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 18:17	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 18:17	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 18:17	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 18:17	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 18:17	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 18:17	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 18:17	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 18:17	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 18:17	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 18:17	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 18:17	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 18:17	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 18:17	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 18:17	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 18:17	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 18:17	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 18:17	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 18:17	1
Tetrachloroethene	**7.2**		2.0	0.48	ug/L			11/12/22 18:17	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 18:17	1
trans-1,2-Dichloroethene	**25**		2.0	0.52	ug/L			11/12/22 18:17	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 18:17	1
Trichloroethene	**31**		2.0	0.54	ug/L			11/12/22 18:17	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 18:17	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 18:17	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/12/22 18:17*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/12/22 18:17*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/12/22 18:17*	*1*

Client Sample ID: TB-01_11-2022
Lab Sample ID: 550-193084-13

Date Collected: 11/02/22 15:51
Matrix: Water
Date Received: 11/03/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 18:38	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 18:38	1

Client Sample ID: TB-01_11-2022

Date Collected: 11/02/22 15:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 18:38	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 18:38	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 18:38	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 18:38	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 18:38	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 18:38	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 18:38	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 18:38	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 18:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 18:38	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 18:38	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 18:38	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 18:38	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 18:38	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 18:38	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 18:38	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 18:38	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 18:38	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 18:38	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 18:38	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 18:38	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 18:38	1
Acetone	ND		20	9.8	ug/L			11/12/22 18:38	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 18:38	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 18:38	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 18:38	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 18:38	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 18:38	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 18:38	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 18:38	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 18:38	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 18:38	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 18:38	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 18:38	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 18:38	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/12/22 18:38	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 18:38	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 18:38	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 18:38	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 18:38	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 18:38	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 18:38	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 18:38	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 18:38	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 18:38	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 18:38	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 18:38	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 18:38	1

Client Sample ID: TB-01_11-2022

Date Collected: 11/02/22 15:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 18:38	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 18:38	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 18:38	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 18:38	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 18:38	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 18:38	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 18:38	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 18:38	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/12/22 18:38	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 18:38	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/12/22 18:38	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 18:38	1
Trichloroethene	ND		2.0	0.54	ug/L			11/12/22 18:38	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 18:38	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 18:38	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/12/22 18:38*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/12/22 18:38*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/12/22 18:38*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193084-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193084-1	DM-2_D1_11-2022	96	88	83
550-193084-2	R-31_I1_11-2022	95	91	82
550-193084-3	R-31_I2_11-2022	97	89	81
550-193084-4	DM-1_D2_11-2022	94	87	82
550-193084-5	DM-2_D2_11-2022	93	90	82
550-193084-6	R-12_D1_11-2022	94	90	83
550-193084-7	R-27_I1_11-2022	94	90	81
550-193084-8	R-12_S1_11-2022	95	88	83
550-193084-9	DM-1_D1_11-2022	95	91	82
550-193084-10	DM-2_I1_11-2022	95	89	81
550-193084-11	R-29A_D1_11-2022	92	91	80
550-193084-11 MS	R-29A_D1_11-2022	100	98	95
550-193084-12	R-929A_D1_11-2022	95	90	81
550-193084-13	TB-01_11-2022	95	90	81
LCS 550-288377/4	Lab Control Sample	97	92	86
LCS 550-288515/3	Lab Control Sample	95	94	90
LCSD 550-288377/5	Lab Control Sample Dup	94	91	84
LCSD 550-288515/4	Lab Control Sample Dup	95	92	90
MB 550-288290/1-A	Method Blank	91	90	79
MB 550-288377/7	Method Blank	91	88	81
MB 550-288515/6	Method Blank	92	92	83

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID			
550-193084-11 MSD	R-29A_D1_11-2022			

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288290/1-A
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		500	45	ug/L			11/10/22 23:34	1
1,1,1-Trichloroethane	ND		200	44	ug/L			11/10/22 23:34	1
1,1,2,2-Tetrachloroethane	ND		200	50	ug/L			11/10/22 23:34	1
1,1,2-Trichloroethane	ND		200	54	ug/L			11/10/22 23:34	1
1,1-Dichloroethane	ND		200	49	ug/L			11/10/22 23:34	1
1,1-Dichloroethene	ND		500	54	ug/L			11/10/22 23:34	1
1,1-Dichloropropene	ND		200	49	ug/L			11/10/22 23:34	1
1,2,3-Trichlorobenzene	ND		500	330	ug/L			11/10/22 23:34	1
1,2,3-Trichloropropane	ND		1000	350	ug/L			11/10/22 23:34	1
1,2,4-Trichlorobenzene	ND		500	190	ug/L			11/10/22 23:34	1
1,2,4-Trimethylbenzene	ND		200	48	ug/L			11/10/22 23:34	1
1,2-Dibromo-3-Chloropropane	ND		500	380	ug/L			11/10/22 23:34	1
1,2-Dibromoethane	ND		200	47	ug/L			11/10/22 23:34	1
1,2-Dichlorobenzene	ND		200	49	ug/L			11/10/22 23:34	1
1,2-Dichloroethane	ND		200	53	ug/L			11/10/22 23:34	1
1,2-Dichloropropane	ND		200	53	ug/L			11/10/22 23:34	1
1,3,5-Trimethylbenzene	ND		200	48	ug/L			11/10/22 23:34	1
1,3-Dichlorobenzene	ND		200	48	ug/L			11/10/22 23:34	1
1,3-Dichloropropane	ND		200	50	ug/L			11/10/22 23:34	1
1,4-Dichlorobenzene	ND		200	51	ug/L			11/10/22 23:34	1
2,2-Dichloropropane	ND		200	57	ug/L			11/10/22 23:34	1
2-Butanone (MEK)	ND		1000	600	ug/L			11/10/22 23:34	1
Methyl n-butyl ketone (MNBK)	ND		1000	330	ug/L			11/10/22 23:34	1
4-Chlorotoluene	ND		500	49	ug/L			11/10/22 23:34	1
4-Methyl-2-pentanone (MIBK)	ND		1000	120	ug/L			11/10/22 23:34	1
Acetone	ND		2000	980	ug/L			11/10/22 23:34	1
Benzene	ND		200	52	ug/L			11/10/22 23:34	1
Bromobenzene	ND		500	49	ug/L			11/10/22 23:34	1
Chlorobromomethane	ND		500	48	ug/L			11/10/22 23:34	1
Dichlorobromomethane	ND		200	50	ug/L			11/10/22 23:34	1
Bromoform	ND		500	64	ug/L			11/10/22 23:34	1
Bromomethane	ND		1000	520	ug/L			11/10/22 23:34	1
Carbon disulfide	ND		500	180	ug/L			11/10/22 23:34	1
Carbon tetrachloride	ND		500	49	ug/L			11/10/22 23:34	1
Chlorobenzene	ND		200	48	ug/L			11/10/22 23:34	1
Chloroethane	ND		500	62	ug/L			11/10/22 23:34	1
Chloroform	ND		200	48	ug/L			11/10/22 23:34	1
Chloromethane	ND		500	84	ug/L			11/10/22 23:34	1
cis-1,2-Dichloroethene	ND		200	62	ug/L			11/10/22 23:34	1
cis-1,3-Dichloropropene	ND		200	46	ug/L			11/10/22 23:34	1
Chlorodibromomethane	ND		200	47	ug/L			11/10/22 23:34	1
Dibromomethane	ND		200	55	ug/L			11/10/22 23:34	1
Dichlorodifluoromethane	ND		500	84	ug/L			11/10/22 23:34	1
Ethylbenzene	ND		200	50	ug/L			11/10/22 23:34	1
Freon 113	ND		500	53	ug/L			11/10/22 23:34	1
Hexachlorobutadiene	ND		500	140	ug/L			11/10/22 23:34	1
Iodomethane	ND		200	53	ug/L			11/10/22 23:34	1
Isopropylbenzene	ND		200	46	ug/L			11/10/22 23:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288290/1-A
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		500	97	ug/L			11/10/22 23:34	1
Methyl tert-butyl ether	ND		100	52	ug/L			11/10/22 23:34	1
Methylene Chloride	ND		500	440	ug/L			11/10/22 23:34	1
Naphthalene	ND		500	220	ug/L			11/10/22 23:34	1
n-Butylbenzene	ND		500	55	ug/L			11/10/22 23:34	1
N-Propylbenzene	ND		200	49	ug/L			11/10/22 23:34	1
o-Xylene	ND		500	47	ug/L			11/10/22 23:34	1
4-Isopropyltoluene	ND		200	51	ug/L			11/10/22 23:34	1
sec-Butylbenzene	ND		500	48	ug/L			11/10/22 23:34	1
Styrene	ND		200	49	ug/L			11/10/22 23:34	1
tert-Butylbenzene	ND		500	45	ug/L			11/10/22 23:34	1
Tetrachloroethene	ND		200	48	ug/L			11/10/22 23:34	1
Toluene	ND		200	49	ug/L			11/10/22 23:34	1
trans-1,2-Dichloroethene	ND		200	52	ug/L			11/10/22 23:34	1
trans-1,3-Dichloropropene	ND		200	65	ug/L			11/10/22 23:34	1
Trichloroethene	ND		200	54	ug/L			11/10/22 23:34	1
Trichlorofluoromethane	ND		500	63	ug/L			11/10/22 23:34	1
Vinyl acetate	ND		2500	410	ug/L			11/10/22 23:34	1
Vinyl chloride	ND		500	82	ug/L			11/10/22 23:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*11/10/22 23:34*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/10/22 23:34*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/10/22 23:34*	*1*

Lab Sample ID: MB 550-288377/7
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/10/22 23:13	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/10/22 23:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/10/22 23:13	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/10/22 23:13	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/10/22 23:13	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/10/22 23:13	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/10/22 23:13	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/10/22 23:13	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/10/22 23:13	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/10/22 23:13	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/10/22 23:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/10/22 23:13	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/10/22 23:13	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/10/22 23:13	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/10/22 23:13	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/10/22 23:13	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/10/22 23:13	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/10/22 23:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288377/7
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/10/22 23:13	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/10/22 23:13	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/10/22 23:13	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/10/22 23:13	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/10/22 23:13	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/10/22 23:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/10/22 23:13	1
Acetone	ND		20	9.8	ug/L			11/10/22 23:13	1
Benzene	ND		2.0	0.52	ug/L			11/10/22 23:13	1
Bromobenzene	ND		5.0	0.49	ug/L			11/10/22 23:13	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/10/22 23:13	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/10/22 23:13	1
Bromoform	ND		5.0	0.64	ug/L			11/10/22 23:13	1
Bromomethane	ND		10	5.2	ug/L			11/10/22 23:13	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/10/22 23:13	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/10/22 23:13	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/10/22 23:13	1
Chloroethane	ND		5.0	0.62	ug/L			11/10/22 23:13	1
Chloroform	ND		2.0	0.48	ug/L			11/10/22 23:13	1
Chloromethane	ND		5.0	0.84	ug/L			11/10/22 23:13	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/10/22 23:13	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/10/22 23:13	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/10/22 23:13	1
Dibromomethane	ND		2.0	0.55	ug/L			11/10/22 23:13	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/10/22 23:13	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/10/22 23:13	1
Freon 113	ND		5.0	0.53	ug/L			11/10/22 23:13	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/10/22 23:13	1
Iodomethane	ND		2.0	0.53	ug/L			11/10/22 23:13	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/10/22 23:13	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/10/22 23:13	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/10/22 23:13	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/10/22 23:13	1
Naphthalene	ND		5.0	2.2	ug/L			11/10/22 23:13	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/10/22 23:13	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/10/22 23:13	1
o-Xylene	ND		5.0	0.47	ug/L			11/10/22 23:13	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/10/22 23:13	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/10/22 23:13	1
Styrene	ND		2.0	0.49	ug/L			11/10/22 23:13	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/10/22 23:13	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/10/22 23:13	1
Toluene	ND		2.0	0.49	ug/L			11/10/22 23:13	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/10/22 23:13	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/10/22 23:13	1
Trichloroethene	ND		2.0	0.54	ug/L			11/10/22 23:13	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/10/22 23:13	1
Vinyl acetate	ND		25	4.1	ug/L			11/10/22 23:13	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/10/22 23:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		11/10/22 23:13	1
Toluene-d8 (Surr)	88		70 - 130		11/10/22 23:13	1
4-Bromofluorobenzene (Surr)	81		70 - 130		11/10/22 23:13	1

Lab Sample ID: LCS 550-288377/4
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	45.1		ug/L		90	68 - 133
1,1,1-Trichloroethane	50.0	51.7		ug/L		103	62 - 134
1,1,2,2-Tetrachloroethane	50.0	43.8		ug/L		88	60 - 135
1,1,2-Trichloroethane	50.0	43.8		ug/L		88	69 - 130
1,1-Dichloroethane	50.0	51.4		ug/L		103	65 - 132
1,1-Dichloroethene	50.0	51.6		ug/L		103	80 - 120
1,1-Dichloropropene	50.0	47.4		ug/L		95	63 - 130
1,2,3-Trichlorobenzene	50.0	47.7		ug/L		95	62 - 139
1,2,3-Trichloropropane	50.0	42.1		ug/L		84	67 - 130
1,2,4-Trichlorobenzene	50.0	48.4		ug/L		97	66 - 135
1,2,4-Trimethylbenzene	50.0	47.4		ug/L		95	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	47.1		ug/L		94	58 - 133
1,2-Dibromoethane	50.0	44.3		ug/L		89	70 - 130
1,2-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 130
1,2-Dichloroethane	50.0	43.2		ug/L		86	54 - 135
1,2-Dichloropropane	50.0	45.6		ug/L		91	80 - 120
1,3,5-Trimethylbenzene	50.0	47.0		ug/L		94	70 - 139
1,3-Dichlorobenzene	50.0	44.7		ug/L		89	70 - 130
1,3-Dichloropropane	50.0	44.3		ug/L		89	69 - 130
1,4-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 130
2,2-Dichloropropane	50.0	50.8		ug/L		102	60 - 148
2-Butanone (MEK)	50.0	50.7		ug/L		101	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	48.8		ug/L		98	50 - 148
4-Chlorotoluene	50.0	45.6		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.6		ug/L		95	56 - 141
Acetone	50.0	44.9		ug/L		90	11 - 150
Benzene	50.0	46.1		ug/L		92	67 - 130
Bromobenzene	50.0	43.6		ug/L		87	70 - 130
Chlorobromomethane	50.0	48.0		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.1		ug/L		90	69 - 130
Bromoform	50.0	39.0		ug/L		78	67 - 140
Bromomethane	50.0	49.3		ug/L		99	10 - 150
Carbon disulfide	50.0	57.0		ug/L		114	36 - 150
Carbon tetrachloride	50.0	47.2		ug/L		94	60 - 134
Chlorobenzene	50.0	44.1		ug/L		88	70 - 130
Chloroethane	50.0	54.5		ug/L		109	57 - 150
Chloroform	50.0	48.7		ug/L		97	80 - 120
Chloromethane	50.0	55.8		ug/L		112	46 - 150
cis-1,2-Dichloroethene	50.0	45.0		ug/L		90	64 - 130
cis-1,3-Dichloropropene	50.0	46.4		ug/L		93	66 - 134
Chlorodibromomethane	50.0	45.3		ug/L		91	65 - 133
Dibromomethane	50.0	43.7		ug/L		87	65 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288377/4
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dichlorodifluoromethane			50.0	53.1		ug/L		106	29 - 150		
Ethylbenzene			50.0	47.1		ug/L		94	80 - 120		
Freon 113			50.0	54.4		ug/L		109	37 - 150		
Hexachlorobutadiene			50.0	57.2		ug/L		114	58 - 134		
Isopropylbenzene			50.0	49.1		ug/L		98	70 - 139		
m-Xylene & p-Xylene			50.0	46.7		ug/L		93	67 - 137		
Methyl tert-butyl ether			50.0	48.8		ug/L		98	59 - 139		
Methylene Chloride			50.0	48.6		ug/L		97	55 - 136		
Naphthalene			50.0	46.5		ug/L		93	64 - 135		
n-Butylbenzene			50.0	54.2		ug/L		108	70 - 136		
N-Propylbenzene			50.0	49.6		ug/L		99	66 - 142		
o-Xylene			50.0	46.6		ug/L		93	68 - 136		
4-Isopropyltoluene			50.0	52.2		ug/L		104	67 - 138		
sec-Butylbenzene			50.0	52.0		ug/L		104	66 - 135		
Styrene			50.0	45.4		ug/L		91	69 - 135		
tert-Butylbenzene			50.0	51.8		ug/L		104	64 - 135		
Tetrachloroethene			50.0	46.5		ug/L		93	63 - 131		
Toluene			50.0	46.1		ug/L		92	71 - 123		
trans-1,2-Dichloroethene			50.0	50.4		ug/L		101	65 - 132		
trans-1,3-Dichloropropene			50.0	47.1		ug/L		94	66 - 136		
Trichloroethene			50.0	46.3		ug/L		93	67 - 130		
Trichlorofluoromethane			50.0	52.9		ug/L		106	62 - 147		
Vinyl acetate			50.0	53.6		ug/L		107	51 - 150		
Vinyl chloride			50.0	54.1		ug/L		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: LCSD 550-288377/5
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.7		ug/L		89	68 - 133	1	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	3	20
1,1,2,2-Tetrachloroethane			50.0	45.7		ug/L		91	60 - 135	4	20
1,1,2-Trichloroethane			50.0	44.1		ug/L		88	69 - 130	1	20
1,1-Dichloroethane			50.0	50.5		ug/L		101	65 - 132	2	20
1,1-Dichloroethene			50.0	50.9		ug/L		102	80 - 120	1	23
1,1-Dichloropropene			50.0	49.0		ug/L		98	63 - 130	3	20
1,2,3-Trichlorobenzene			50.0	48.5		ug/L		97	62 - 139	2	20
1,2,3-Trichloropropane			50.0	43.7		ug/L		87	67 - 130	4	20
1,2,4-Trichlorobenzene			50.0	47.4		ug/L		95	66 - 135	2	20
1,2,4-Trimethylbenzene			50.0	47.0		ug/L		94	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	50.4		ug/L		101	58 - 133	7	21
1,2-Dibromoethane			50.0	44.7		ug/L		89	70 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288377/5
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene			50.0	44.1		ug/L		88	70 - 130	1	20
1,2-Dichloroethane			50.0	43.6		ug/L		87	54 - 135	1	20
1,2-Dichloropropane			50.0	46.2		ug/L		92	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.6		ug/L		93	70 - 139	1	20
1,3-Dichlorobenzene			50.0	43.3		ug/L		87	70 - 130	3	20
1,3-Dichloropropane			50.0	44.2		ug/L		88	69 - 130	0	20
1,4-Dichlorobenzene			50.0	43.0		ug/L		86	70 - 130	2	20
2,2-Dichloropropane			50.0	50.4		ug/L		101	60 - 148	1	21
2-Butanone (MEK)			50.0	53.4		ug/L		107	50 - 150	5	34
Methyl n-butyl ketone (MNBK)			50.0	51.1		ug/L		102	50 - 148	5	29
4-Chlorotoluene			50.0	44.6		ug/L		89	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)			50.0	49.5		ug/L		99	56 - 141	4	23
Acetone			50.0	49.7		ug/L		99	11 - 150	10	35
Benzene			50.0	46.3		ug/L		93	67 - 130	0	20
Bromobenzene			50.0	42.6		ug/L		85	70 - 130	2	20
Chlorobromomethane			50.0	46.3		ug/L		93	59 - 139	4	20
Dichlorobromomethane			50.0	45.5		ug/L		91	69 - 130	1	20
Bromoform			50.0	39.2		ug/L		78	67 - 140	1	20
Bromomethane			50.0	48.8		ug/L		98	10 - 150	1	31
Carbon disulfide			50.0	56.2		ug/L		112	36 - 150	1	26
Carbon tetrachloride			50.0	49.3		ug/L		99	60 - 134	4	20
Chlorobenzene			50.0	43.8		ug/L		88	70 - 130	1	20
Chloroethane			50.0	52.7		ug/L		105	57 - 150	3	29
Chloroform			50.0	47.7		ug/L		95	80 - 120	2	20
Chloromethane			50.0	55.2		ug/L		110	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.9		ug/L		92	64 - 130	2	20
cis-1,3-Dichloropropene			50.0	47.1		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	44.2		ug/L		88	65 - 130	1	20
Dichlorodifluoromethane			50.0	56.4		ug/L		113	29 - 150	6	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	54.5		ug/L		109	37 - 150	0	20
Hexachlorobutadiene			50.0	55.8		ug/L		112	58 - 134	2	20
Isopropylbenzene			50.0	48.7		ug/L		97	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.9		ug/L		92	67 - 137	2	20
Methyl tert-butyl ether			50.0	48.2		ug/L		96	59 - 139	1	22
Methylene Chloride			50.0	46.9		ug/L		94	55 - 136	3	23
Naphthalene			50.0	49.0		ug/L		98	64 - 135	5	20
n-Butylbenzene			50.0	51.5		ug/L		103	70 - 136	5	20
N-Propylbenzene			50.0	48.3		ug/L		97	66 - 142	3	20
o-Xylene			50.0	46.1		ug/L		92	68 - 136	1	20
4-Isopropyltoluene			50.0	50.7		ug/L		101	67 - 138	3	20
sec-Butylbenzene			50.0	51.0		ug/L		102	66 - 135	2	20
Styrene			50.0	44.6		ug/L		89	69 - 135	2	20
tert-Butylbenzene			50.0	51.1		ug/L		102	64 - 135	1	20
Tetrachloroethene			50.0	46.6		ug/L		93	63 - 131	0	20
Toluene			50.0	46.2		ug/L		92	71 - 123	0	20
trans-1,2-Dichloroethene			50.0	50.2		ug/L		100	65 - 132	1	20
trans-1,3-Dichloropropene			50.0	46.7		ug/L		93	66 - 136	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288377/5
Matrix: Water
Analysis Batch: 288377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene			50.0	47.1		ug/L		94	67 - 130	2	20
Trichlorofluoromethane			50.0	52.4		ug/L		105	62 - 147	1	22
Vinyl acetate			50.0	52.4		ug/L		105	51 - 150	2	29
Vinyl chloride			50.0	56.0		ug/L		112	80 - 120	3	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 550-288515/6
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/12/22 14:26	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/12/22 14:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/12/22 14:26	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/12/22 14:26	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/12/22 14:26	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/12/22 14:26	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/12/22 14:26	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/12/22 14:26	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/12/22 14:26	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/12/22 14:26	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 14:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/12/22 14:26	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/12/22 14:26	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/12/22 14:26	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/12/22 14:26	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/12/22 14:26	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/12/22 14:26	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/12/22 14:26	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/12/22 14:26	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/12/22 14:26	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/12/22 14:26	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/12/22 14:26	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/12/22 14:26	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/12/22 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/12/22 14:26	1
Acetone	ND		20	9.8	ug/L			11/12/22 14:26	1
Benzene	ND		2.0	0.52	ug/L			11/12/22 14:26	1
Bromobenzene	ND		5.0	0.49	ug/L			11/12/22 14:26	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/12/22 14:26	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/12/22 14:26	1
Bromoform	ND		5.0	0.64	ug/L			11/12/22 14:26	1
Bromomethane	ND		10	5.2	ug/L			11/12/22 14:26	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/12/22 14:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288515/6
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/12/22 14:26	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/22 14:26	1
Chloroethane	ND		5.0	0.62	ug/L			11/12/22 14:26	1
Chloroform	ND		2.0	0.48	ug/L			11/12/22 14:26	1
Chloromethane	ND		5.0	0.84	ug/L			11/12/22 14:26	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/12/22 14:26	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/12/22 14:26	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/12/22 14:26	1
Dibromomethane	ND		2.0	0.55	ug/L			11/12/22 14:26	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/12/22 14:26	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/12/22 14:26	1
Freon 113	ND		5.0	0.53	ug/L			11/12/22 14:26	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/12/22 14:26	1
Iodomethane	ND		2.0	0.53	ug/L			11/12/22 14:26	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/12/22 14:26	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/12/22 14:26	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/12/22 14:26	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/12/22 14:26	1
Naphthalene	ND		5.0	2.2	ug/L			11/12/22 14:26	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/12/22 14:26	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/12/22 14:26	1
o-Xylene	ND		5.0	0.47	ug/L			11/12/22 14:26	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/12/22 14:26	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/12/22 14:26	1
Styrene	ND		2.0	0.49	ug/L			11/12/22 14:26	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/12/22 14:26	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/12/22 14:26	1
Toluene	ND		2.0	0.49	ug/L			11/12/22 14:26	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/12/22 14:26	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/12/22 14:26	1
Trichloroethene	ND		2.0	0.54	ug/L			11/12/22 14:26	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/12/22 14:26	1
Vinyl acetate	ND		25	4.1	ug/L			11/12/22 14:26	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/12/22 14:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/12/22 14:26*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*11/12/22 14:26*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*11/12/22 14:26*	*1*

Lab Sample ID: LCS 550-288515/3
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.7		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.9		ug/L		100	62 - 134
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93	60 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288515/3
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.3		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	48.6		ug/L		97	63 - 130
1,2,3-Trichlorobenzene	50.0	35.7		ug/L		71	62 - 139
1,2,3-Trichloropropane	50.0	44.5		ug/L		89	67 - 130
1,2,4-Trichlorobenzene	50.0	38.2		ug/L		76	66 - 135
1,2,4-Trimethylbenzene	50.0	47.1		ug/L		94	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	42.9		ug/L		86	58 - 133
1,2-Dibromoethane	50.0	44.9		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	41.8		ug/L		84	70 - 130
1,2-Dichloroethane	50.0	44.5		ug/L		89	54 - 135
1,2-Dichloropropane	50.0	47.8		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	50.0	48.9		ug/L		98	70 - 139
1,3-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 130
1,3-Dichloropropane	50.0	45.7		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.7		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.0		ug/L		106	60 - 148
2-Butanone (MEK)	50.0	50.5		ug/L		101	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	48.8		ug/L		98	50 - 148
4-Chlorotoluene	50.0	47.1		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.3		ug/L		95	56 - 141
Acetone	50.0	47.8		ug/L		96	11 - 150
Benzene	50.0	47.2		ug/L		94	67 - 130
Bromobenzene	50.0	45.2		ug/L		90	70 - 130
Chlorobromomethane	50.0	46.6		ug/L		93	59 - 139
Dichlorobromomethane	50.0	46.0		ug/L		92	69 - 130
Bromoform	50.0	41.9		ug/L		84	67 - 140
Bromomethane	50.0	43.5		ug/L		87	10 - 150
Carbon disulfide	50.0	56.9		ug/L		114	36 - 150
Carbon tetrachloride	50.0	47.7		ug/L		95	60 - 134
Chlorobenzene	50.0	44.6		ug/L		89	70 - 130
Chloroethane	50.0	54.3		ug/L		109	57 - 150
Chloroform	50.0	47.9		ug/L		96	80 - 120
Chloromethane	50.0	51.6		ug/L		103	46 - 150
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	64 - 130
cis-1,3-Dichloropropene	50.0	49.5		ug/L		99	66 - 134
Chlorodibromomethane	50.0	46.2		ug/L		92	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	47.4		ug/L		95	29 - 150
Ethylbenzene	50.0	46.1		ug/L		92	80 - 120
Freon 113	50.0	52.6		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	41.6		ug/L		83	58 - 134
Isopropylbenzene	50.0	51.2		ug/L		102	70 - 139
m-Xylene & p-Xylene	50.0	50.0		ug/L		100	67 - 137
Methyl tert-butyl ether	50.0	48.9		ug/L		98	59 - 139
Methylene Chloride	50.0	47.7		ug/L		95	55 - 136
Naphthalene	50.0	37.6		ug/L		75	64 - 135
n-Butylbenzene	50.0	49.8		ug/L		100	70 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288515/3
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	50.0	49.7		ug/L		99	66 - 142
o-Xylene	50.0	49.5		ug/L		99	68 - 136
4-Isopropyltoluene	50.0	49.4		ug/L		99	67 - 138
sec-Butylbenzene	50.0	49.8		ug/L		100	66 - 135
Styrene	50.0	48.1		ug/L		96	69 - 135
tert-Butylbenzene	50.0	48.6		ug/L		97	64 - 135
Tetrachloroethene	50.0	46.2		ug/L		92	63 - 131
Toluene	50.0	47.0		ug/L		94	71 - 123
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	65 - 132
trans-1,3-Dichloropropene	50.0	49.3		ug/L		99	66 - 136
Trichloroethene	50.0	47.3		ug/L		95	67 - 130
Trichlorofluoromethane	50.0	50.9		ug/L		102	62 - 147
Vinyl acetate	50.0	51.6		ug/L		103	51 - 150
Vinyl chloride	50.0	54.4		ug/L		109	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 550-288515/4
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane	50.0	49.3		ug/L		99	62 - 134	1	20
1,1,2,2-Tetrachloroethane	50.0	47.0		ug/L		94	60 - 135	1	20
1,1,2-Trichloroethane	50.0	44.3		ug/L		89	69 - 130	1	20
1,1-Dichloroethane	50.0	50.6		ug/L		101	65 - 132	1	20
1,1-Dichloroethene	50.0	49.3		ug/L		99	80 - 120	2	23
1,1-Dichloropropene	50.0	48.1		ug/L		96	63 - 130	1	20
1,2,3-Trichlorobenzene	50.0	35.4		ug/L		71	62 - 139	1	20
1,2,3-Trichloropropane	50.0	44.0		ug/L		88	67 - 130	1	20
1,2,4-Trichlorobenzene	50.0	37.4		ug/L		75	66 - 135	2	20
1,2,4-Trimethylbenzene	50.0	45.4		ug/L		91	70 - 134	3	20
1,2-Dibromo-3-Chloropropane	50.0	43.2		ug/L		86	58 - 133	1	21
1,2-Dibromoethane	50.0	44.2		ug/L		88	70 - 130	1	20
1,2-Dichlorobenzene	50.0	41.7		ug/L		83	70 - 130	0	20
1,2-Dichloroethane	50.0	44.9		ug/L		90	54 - 135	1	20
1,2-Dichloropropane	50.0	47.1		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene	50.0	46.2		ug/L		92	70 - 139	6	20
1,3-Dichlorobenzene	50.0	43.2		ug/L		86	70 - 130	1	20
1,3-Dichloropropane	50.0	44.9		ug/L		90	69 - 130	2	20
1,4-Dichlorobenzene	50.0	43.1		ug/L		86	70 - 130	2	20
2,2-Dichloropropane	50.0	52.1		ug/L		104	60 - 148	2	21
2-Butanone (MEK)	50.0	45.6		ug/L		91	50 - 150	10	34
Methyl n-butyl ketone (MNBK)	50.0	46.6		ug/L		93	50 - 148	5	29

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288515/4
Matrix: Water
Analysis Batch: 288515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chlorotoluene			50.0	46.2		ug/L		92	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)			50.0	46.0		ug/L		92	56 - 141	3	23
Acetone			50.0	44.6		ug/L		89	11 - 150	7	35
Benzene			50.0	47.1		ug/L		94	67 - 130	0	20
Bromobenzene			50.0	45.0		ug/L		90	70 - 130	0	20
Chlorobromomethane			50.0	45.9		ug/L		92	59 - 139	1	20
Dichlorobromomethane			50.0	46.4		ug/L		93	69 - 130	1	20
Bromoform			50.0	42.2		ug/L		84	67 - 140	1	20
Bromomethane			50.0	45.4		ug/L		91	10 - 150	4	31
Carbon disulfide			50.0	55.1		ug/L		110	36 - 150	3	26
Carbon tetrachloride			50.0	47.2		ug/L		94	60 - 134	1	20
Chlorobenzene			50.0	43.7		ug/L		87	70 - 130	2	20
Chloroethane			50.0	53.5		ug/L		107	57 - 150	2	29
Chloroform			50.0	48.1		ug/L		96	80 - 120	0	20
Chloromethane			50.0	54.0		ug/L		108	46 - 150	5	30
cis-1,2-Dichloroethene			50.0	46.3		ug/L		93	64 - 130	0	20
cis-1,3-Dichloropropene			50.0	49.1		ug/L		98	66 - 134	1	20
Chlorodibromomethane			50.0	45.6		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.2		ug/L		90	65 - 130	1	20
Dichlorodifluoromethane			50.0	46.7		ug/L		93	29 - 150	1	30
Ethylbenzene			50.0	44.9		ug/L		90	80 - 120	3	20
Freon 113			50.0	51.5		ug/L		103	37 - 150	2	20
Hexachlorobutadiene			50.0	38.3		ug/L		77	58 - 134	8	20
Isopropylbenzene			50.0	49.0		ug/L		98	70 - 139	4	20
m-Xylene & p-Xylene			50.0	49.4		ug/L		99	67 - 137	1	20
Methyl tert-butyl ether			50.0	48.6		ug/L		97	59 - 139	1	22
Methylene Chloride			50.0	47.5		ug/L		95	55 - 136	0	23
Naphthalene			50.0	38.1		ug/L		76	64 - 135	1	20
n-Butylbenzene			50.0	45.8		ug/L		92	70 - 136	8	20
N-Propylbenzene			50.0	47.0		ug/L		94	66 - 142	5	20
o-Xylene			50.0	49.5		ug/L		99	68 - 136	0	20
4-Isopropyltoluene			50.0	45.2		ug/L		90	67 - 138	9	20
sec-Butylbenzene			50.0	46.0		ug/L		92	66 - 135	8	20
Styrene			50.0	48.3		ug/L		97	69 - 135	0	20
tert-Butylbenzene			50.0	45.4		ug/L		91	64 - 135	7	20
Tetrachloroethene			50.0	45.1		ug/L		90	63 - 131	3	20
Toluene			50.0	46.5		ug/L		93	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	49.4		ug/L		99	65 - 132	1	20
trans-1,3-Dichloropropene			50.0	49.3		ug/L		99	66 - 136	0	20
Trichloroethene			50.0	47.2		ug/L		94	67 - 130	0	20
Trichlorofluoromethane			50.0	49.7		ug/L		99	62 - 147	3	22
Vinyl acetate			50.0	47.6		ug/L		95	51 - 150	8	29
Vinyl chloride			50.0	53.4		ug/L		107	80 - 120	2	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193084-11 MS
Matrix: Water
Analysis Batch: 288515

Client Sample ID: R-29A_D1_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	46.1		ug/L		92	62 - 139
1,1,1-Trichloroethane	ND		50.0	50.6		ug/L		101	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	50.7		ug/L		101	52 - 150
1,1,2-Trichloroethane	ND		50.0	46.2		ug/L		92	62 - 137
1,1-Dichloroethane	ND		50.0	51.8		ug/L		104	58 - 145
1,1-Dichloroethene	ND		50.0	51.0		ug/L		102	50 - 150
1,1-Dichloropropene	ND		50.0	50.8		ug/L		102	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	36.1		ug/L		72	52 - 144
1,2,3-Trichloropropane	ND		50.0	47.5		ug/L		95	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	38.1		ug/L		76	54 - 140
1,2,4-Trimethylbenzene	ND		50.0	47.3		ug/L		95	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	47.0		ug/L		94	41 - 149
1,2-Dibromoethane	ND		50.0	46.8		ug/L		94	67 - 136
1,2-Dichlorobenzene	ND		50.0	42.8		ug/L		86	64 - 132
1,2-Dichloroethane	ND		50.0	47.0		ug/L		94	47 - 146
1,2-Dichloropropane	ND		50.0	48.9		ug/L		98	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	47.0		ug/L		94	34 - 150
1,3-Dichlorobenzene	ND		50.0	44.7		ug/L		89	67 - 130
1,3-Dichloropropane	ND		50.0	46.9		ug/L		94	65 - 140
1,4-Dichlorobenzene	ND		50.0	44.2		ug/L		88	67 - 128
2,2-Dichloropropane	ND		50.0	53.5		ug/L		107	54 - 150
2-Butanone (MEK)	ND		50.0	50.3		ug/L		101	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	48.7		ug/L		97	37 - 150
4-Chlorotoluene	ND		50.0	47.4		ug/L		95	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	48.9		ug/L		98	41 - 150
Acetone	ND		50.0	43.1		ug/L		86	10 - 150
Benzene	ND		50.0	49.6		ug/L		99	54 - 142
Bromobenzene	ND		50.0	47.4		ug/L		95	67 - 132
Chlorobromomethane	ND		50.0	47.3		ug/L		95	55 - 147
Dichlorobromomethane	ND		50.0	47.7		ug/L		95	61 - 143
Bromoform	ND		50.0	45.1		ug/L		90	57 - 148
Bromomethane	ND		50.0	45.0		ug/L		90	56 - 149
Carbon disulfide	ND		50.0	56.8		ug/L		114	23 - 150
Carbon tetrachloride	ND		50.0	49.8		ug/L		100	51 - 143
Chlorobenzene	ND		50.0	45.5		ug/L		91	69 - 129
Chloroethane	ND		50.0	55.4		ug/L		111	41 - 150
Chloroform	ND		50.0	48.9		ug/L		98	60 - 148
Chloromethane	ND		50.0	49.9		ug/L		100	29 - 150
cis-1,2-Dichloroethene	6.9		50.0	55.6		ug/L		97	57 - 139
cis-1,3-Dichloropropene	ND		50.0	50.3		ug/L		101	57 - 145
Chlorodibromomethane	ND		50.0	47.7		ug/L		95	61 - 143
Dibromomethane	ND		50.0	47.2		ug/L		94	56 - 148
Dichlorodifluoromethane	ND		50.0	47.4		ug/L		95	20 - 150
Ethylbenzene	ND		50.0	46.4		ug/L		93	46 - 149
Freon 113	ND		50.0	53.0		ug/L		106	10 - 150
Hexachlorobutadiene	ND		50.0	39.5		ug/L		79	48 - 146
Isopropylbenzene	ND		50.0	51.8		ug/L		104	56 - 146
m-Xylene & p-Xylene	ND		50.0	51.6		ug/L		103	47 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193084-11 MS
Matrix: Water
Analysis Batch: 288515

Client Sample ID: R-29A_D1_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	ND		50.0	49.9		ug/L		100	51 - 150
Methylene Chloride	ND		50.0	48.0		ug/L		96	43 - 150
Naphthalene	ND		50.0	38.9		ug/L		78	32 - 150
n-Butylbenzene	ND		50.0	47.1		ug/L		94	54 - 146
N-Propylbenzene	ND		50.0	49.4		ug/L		99	54 - 150
o-Xylene	ND		50.0	51.2		ug/L		102	52 - 150
4-Isopropyltoluene	ND		50.0	47.7		ug/L		95	53 - 147
sec-Butylbenzene	ND		50.0	48.2		ug/L		96	54 - 145
Styrene	ND		50.0	49.6		ug/L		99	20 - 150
tert-Butylbenzene	ND		50.0	47.3		ug/L		95	57 - 143
Tetrachloroethene	110	E	50.0	151	E	ug/L		87	37 - 150
Toluene	ND		50.0	48.4		ug/L		97	54 - 141
trans-1,2-Dichloroethene	10		50.0	61.8		ug/L		103	58 - 140
trans-1,3-Dichloropropene	ND		50.0	50.9		ug/L		102	57 - 147
Trichloroethene	13		50.0	62.7		ug/L		99	58 - 134
Trichlorofluoromethane	ND		50.0	51.1		ug/L		102	46 - 150
Vinyl acetate	ND		50.0	53.8		ug/L		108	10 - 150
Vinyl chloride	ND		50.0	54.5		ug/L		109	29 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 550-193084-11 MSD
Matrix: Water
Analysis Batch: 288515

Client Sample ID: R-29A_D1_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	46.3		ug/L					
1,1,1-Trichloroethane	ND		50.0	49.9		ug/L					
1,1,2,2-Tetrachloroethane	ND		50.0	48.2		ug/L					
1,1,2-Trichloroethane	ND		50.0	45.2		ug/L					
1,1-Dichloroethane	ND		50.0	52.0		ug/L					
1,1-Dichloroethene	ND		50.0	49.8		ug/L					
1,1-Dichloropropene	ND		50.0	48.2		ug/L					
1,2,3-Trichlorobenzene	ND		50.0	36.2		ug/L					
1,2,3-Trichloropropane	ND		50.0	44.5		ug/L					
1,2,4-Trichlorobenzene	ND		50.0	38.2		ug/L					
1,2,4-Trimethylbenzene	ND		50.0	46.6		ug/L					
1,2-Dibromo-3-Chloropropane	ND		50.0	45.2		ug/L					
1,2-Dibromoethane	ND		50.0	45.4		ug/L					
1,2-Dichlorobenzene	ND		50.0	43.1		ug/L					
1,2-Dichloroethane	ND		50.0	45.7		ug/L					
1,2-Dichloropropane	ND		50.0	48.1		ug/L					
1,3,5-Trimethylbenzene	ND		50.0	46.2		ug/L					
1,3-Dichlorobenzene	ND		50.0	44.3		ug/L					
1,3-Dichloropropane	ND		50.0	45.5		ug/L					

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193084-11 MSD
Matrix: Water
Analysis Batch: 288515

Client Sample ID: R-29A_D1_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND		50.0	44.2		ug/L					
2,2-Dichloropropane	ND		50.0	52.9		ug/L					
2-Butanone (MEK)	ND		50.0	48.6		ug/L					
Methyl n-butyl ketone (MNBK)	ND		50.0	44.5		ug/L					
4-Chlorotoluene	ND		50.0	47.4		ug/L					
4-Methyl-2-pentanone (MIBK)	ND		50.0	45.3		ug/L					
Acetone	ND		50.0	38.7		ug/L					
Benzene	ND		50.0	47.8		ug/L					
Bromobenzene	ND		50.0	47.1		ug/L					
Chlorobromomethane	ND		50.0	48.8		ug/L					
Dichlorobromomethane	ND		50.0	47.7		ug/L					
Bromoform	ND		50.0	43.8		ug/L					
Bromomethane	ND		50.0	48.6		ug/L					
Carbon disulfide	ND		50.0	55.0		ug/L					
Carbon tetrachloride	ND		50.0	47.5		ug/L					
Chlorobenzene	ND		50.0	45.3		ug/L					
Chloroethane	ND		50.0	53.9		ug/L					
Chloroform	ND		50.0	49.8		ug/L					
Chloromethane	ND		50.0	52.4		ug/L					
cis-1,2-Dichloroethene	6.9		50.0	54.9		ug/L					
cis-1,3-Dichloropropene	ND		50.0	49.3		ug/L					
Chlorodibromomethane	ND		50.0	47.3		ug/L					
Dibromomethane	ND		50.0	45.4		ug/L					
Dichlorodifluoromethane	ND		50.0	44.4		ug/L					
Ethylbenzene	ND		50.0	45.8		ug/L					
Freon 113	ND		50.0	51.5		ug/L					
Hexachlorobutadiene	ND		50.0	37.4		ug/L					
Isopropylbenzene	ND		50.0	50.5		ug/L					
m-Xylene & p-Xylene	ND		50.0	50.7		ug/L					
Methyl tert-butyl ether	ND		50.0	49.9		ug/L					
Methylene Chloride	ND		50.0	48.9		ug/L					
Naphthalene	ND		50.0	39.3		ug/L					
n-Butylbenzene	ND		50.0	44.9		ug/L					
N-Propylbenzene	ND		50.0	48.3		ug/L					
o-Xylene	ND		50.0	50.0		ug/L					
4-Isopropyltoluene	ND		50.0	45.7		ug/L					
sec-Butylbenzene	ND		50.0	46.7		ug/L					
Styrene	ND		50.0	49.0		ug/L					
tert-Butylbenzene	ND		50.0	46.9		ug/L					
Tetrachloroethene	110	E	50.0	162	E	ug/L					
Toluene	ND		50.0	47.1		ug/L					
trans-1,2-Dichloroethene	10		50.0	61.4		ug/L					
trans-1,3-Dichloropropene	ND		50.0	49.5		ug/L					
Trichloroethene	13		50.0	61.9		ug/L					
Trichlorofluoromethane	ND		50.0	49.2		ug/L					
Vinyl acetate	ND		50.0	54.8		ug/L					
Vinyl chloride	ND		50.0	52.6		ug/L					

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193084-11 MSD
Matrix: Water
Analysis Batch: 288515

Client Sample ID: R-29A_D1_11-2022
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)			
Toluene-d8 (Surr)			
4-Bromofluorobenzene (Surr)			

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193084-1
Project/Site: NRAP

GC/MS VOA

Leach Batch: 288290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 550-288290/1-A	Method Blank	Total/NA	Water	1311	

Analysis Batch: 288377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193084-1	DM-2_D1_11-2022	Total/NA	Water	8260B	
550-193084-2	R-31_I1_11-2022	Total/NA	Water	8260B	
550-193084-3	R-31_I2_11-2022	Total/NA	Water	8260B	
MB 550-288290/1-A	Method Blank	Total/NA	Water	8260B	288290
MB 550-288377/7	Method Blank	Total/NA	Water	8260B	
LCS 550-288377/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288377/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193084-4	DM-1_D2_11-2022	Total/NA	Water	8260B	
550-193084-5	DM-2_D2_11-2022	Total/NA	Water	8260B	
550-193084-6	R-12_D1_11-2022	Total/NA	Water	8260B	
550-193084-7	R-27_I1_11-2022	Total/NA	Water	8260B	
550-193084-8	R-12_S1_11-2022	Total/NA	Water	8260B	
550-193084-9	DM-1_D1_11-2022	Total/NA	Water	8260B	
550-193084-10	DM-2_I1_11-2022	Total/NA	Water	8260B	
550-193084-11	R-29A_D1_11-2022	Total/NA	Water	8260B	
550-193084-12	R-929A_D1_11-2022	Total/NA	Water	8260B	
550-193084-13	TB-01_11-2022	Total/NA	Water	8260B	
MB 550-288515/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288515/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288515/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193084-11 MS	R-29A_D1_11-2022	Total/NA	Water	8260B	
550-193084-11 MSD	R-29A_D1_11-2022	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Client Sample ID: DM-2_D1_11-2022
Lab Sample ID: 550-193084-1
Date Collected: 11/02/22 11:53
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288377	JHU	EET PHX	11/11/22 04:47

Client Sample ID: R-31_I1_11-2022
Lab Sample ID: 550-193084-2
Date Collected: 11/02/22 13:51
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288377	JHU	EET PHX	11/11/22 05:08

Client Sample ID: R-31_I2_11-2022
Lab Sample ID: 550-193084-3
Date Collected: 11/02/22 14:00
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288377	JHU	EET PHX	11/11/22 05:29

Client Sample ID: DM-1_D2_11-2022
Lab Sample ID: 550-193084-4
Date Collected: 11/02/22 11:05
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 15:49

Client Sample ID: DM-2_D2_11-2022
Lab Sample ID: 550-193084-5
Date Collected: 11/02/22 11:21
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 16:11

Client Sample ID: R-12_D1_11-2022
Lab Sample ID: 550-193084-6
Date Collected: 11/02/22 10:00
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 16:32

Client Sample ID: R-27_I1_11-2022
Lab Sample ID: 550-193084-7
Date Collected: 11/02/22 13:10
Matrix: Water
Date Received: 11/03/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 16:53

Client Sample ID: R-12_S1_11-2022
Date Collected: 11/02/22 10:19
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 17:14

Client Sample ID: DM-1_D1_11-2022
Date Collected: 11/02/22 10:49
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 17:35

Client Sample ID: DM-2_I1_11-2022
Date Collected: 11/02/22 11:36
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 17:55

Client Sample ID: R-29A_D1_11-2022
Date Collected: 11/02/22 11:50
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 15:28

Client Sample ID: R-929A_D1_11-2022
Date Collected: 11/02/22 11:50
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 18:17

Client Sample ID: TB-01_11-2022
Date Collected: 11/02/22 15:51
Date Received: 11/03/22 10:00

Lab Sample ID: 550-193084-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288515	R1K	EET PHX	11/12/22 18:38

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193084-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193084-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193084-1	DM-2_D1_11-2022	Water	11/02/22 11:53	11/03/22 10:00
550-193084-2	R-31_I1_11-2022	Water	11/02/22 13:51	11/03/22 10:00
550-193084-3	R-31_I2_11-2022	Water	11/02/22 14:00	11/03/22 10:00
550-193084-4	DM-1_D2_11-2022	Water	11/02/22 11:05	11/03/22 10:00
550-193084-5	DM-2_D2_11-2022	Water	11/02/22 11:21	11/03/22 10:00
550-193084-6	R-12_D1_11-2022	Water	11/02/22 10:00	11/03/22 10:00
550-193084-7	R-27_I1_11-2022	Water	11/02/22 13:10	11/03/22 10:00
550-193084-8	R-12_S1_11-2022	Water	11/02/22 10:19	11/03/22 10:00
550-193084-9	DM-1_D1_11-2022	Water	11/02/22 10:49	11/03/22 10:00
550-193084-10	DM-2_I1_11-2022	Water	11/02/22 11:36	11/03/22 10:00
550-193084-11	R-29A_D1_11-2022	Water	11/02/22 11:50	11/03/22 10:00
550-193084-12	R-929A_D1_11-2022	Water	11/02/22 11:50	11/03/22 10:00
550-193084-13	TB-01_11-2022	Water	11/02/22 15:51	11/03/22 10:00

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288377

Lab Sample ID: CCVIS 550-288377/3 Client Sample ID:

Date Analyzed: 11/10/22 21:48 Lab File ID: 11102230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/11/22 08:35
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/11/22 08:36
Chloromethane	2.01	Split Peak	DOM1	11/11/22 08:36
Vinyl chloride	2.05	Split Peak	DOM1	11/11/22 08:36

Lab Sample ID: LCS 550-288377/4 Client Sample ID:

Date Analyzed: 11/10/22 22:09 Lab File ID: 11102231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/11/22 08:37
Chloromethane	2.00	Split Peak	DOM1	11/11/22 08:38
Vinyl chloride	2.05	Split Peak	DOM1	11/11/22 08:37

Lab Sample ID: 550-193084-1 Client Sample ID: DM-2_D1_11-2022

Date Analyzed: 11/11/22 04:47 Lab File ID: 11102250.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	DOM1	11/11/22 09:43

Lab Sample ID: 550-193084-2 Client Sample ID: R-31_I1_11-2022

Date Analyzed: 11/11/22 05:08 Lab File ID: 11102251.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	DOM1	11/11/22 09:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288515

Lab Sample ID: CCVIS 550-288515/2 Client Sample ID:

Date Analyzed: 11/12/22 12:46 Lab File ID: 11122203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.72	Incomplete Integration	kandeer	11/14/22 09:47

Lab Sample ID: LCS 550-288515/3 Client Sample ID:

Date Analyzed: 11/12/22 13:23 Lab File ID: 11122204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.73	Incomplete Integration	kandeer	11/14/22 09:48
Chloromethane	2.00	Incomplete Integration	kandeer	11/14/22 09:48

Lab Sample ID: MB 550-288515/6 Client Sample ID:

Date Analyzed: 11/12/22 14:26 Lab File ID: 11122207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	kandeer	11/14/22 09:50

Lab Sample ID: 550-193084-11 Client Sample ID: R-29A_D1_11-2022

Date Analyzed: 11/12/22 15:28 Lab File ID: 11122210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	kandeer	11/14/22 09:52
Chloromethane		Invalid Compound ID	kandeer	11/14/22 09:52

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22	o2si, Lot 443055			(Purchased Reagent)		BFB	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MV_TBA-d9 IS_00062	04/27/23	o2si, Lot 454578			(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22		AccuStandard, Lot 222071048		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22		Restek, Lot A0182212		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low

GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	TOL #	BFB #
DM-2_D1_11-2022	550-193084-1	96	88	83
R-31_I1_11-2022	550-193084-2	95	91	82
R-31_I2_11-2022	550-193084-3	97	89	81
DM-1_D2_11-2022	550-193084-4	94	87	82
DM-2_D2_11-2022	550-193084-5	93	90	82
R-12_D1_11-2022	550-193084-6	94	90	83
R-27_I1_11-2022	550-193084-7	94	90	81
R-12_S1_11-2022	550-193084-8	95	88	83
DM-1_D1_11-2022	550-193084-9	95	91	82
DM-2_I1_11-2022	550-193084-10	95	89	81
R-29A_D1_11-2022	550-193084-11	92	91	80
R-929A_D1_11-2022	550-193084-12	95	90	81
TB-01_11-2022	550-193084-13	95	90	81
	MB 550-288377/7	91	88	81
	MB 550-288290/1-A	91	90	79
	MB 550-288515/6	92	92	83
	LCS 550-288377/4	97	92	86
	LCS 550-288515/3	95	94	90
	LCSD 550-288377/5	94	91	84
	LCSD 550-288515/4	95	92	90
R-29A_D1_11-2022 MS	550-193084-11 MS	100	98	95

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11102231.D

Lab ID: LCS 550-288377/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.1	90	68-133	
1,1,1-Trichloroethane	50.0	51.7	103	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.8	88	60-135	
1,1,2-Trichloroethane	50.0	43.8	88	69-130	
1,1-Dichloroethane	50.0	51.4	103	65-132	
1,1-Dichloroethene	50.0	51.6	103	80-120	
1,1-Dichloropropene	50.0	47.4	95	63-130	
1,2,3-Trichlorobenzene	50.0	47.7	95	62-139	
1,2,3-Trichloropropane	50.0	42.1	84	67-130	
1,2,4-Trichlorobenzene	50.0	48.4	97	66-135	
1,2,4-Trimethylbenzene	50.0	47.4	95	70-134	
1,2-Dibromo-3-Chloropropane	50.0	47.1	94	58-133	
1,2-Dibromoethane	50.0	44.3	89	70-130	
1,2-Dichlorobenzene	50.0	43.8	88	70-130	
1,2-Dichloroethane	50.0	43.2	86	54-135	
1,2-Dichloropropane	50.0	45.6	91	80-120	
1,3,5-Trimethylbenzene	50.0	47.0	94	70-139	
1,3-Dichlorobenzene	50.0	44.7	89	70-130	
1,3-Dichloropropane	50.0	44.3	89	69-130	
1,4-Dichlorobenzene	50.0	43.8	88	70-130	
2,2-Dichloropropane	50.0	50.8	102	60-148	
2-Butanone (MEK)	50.0	50.7	101	50-150	
Methyl n-butyl ketone (MNBK)	50.0	48.8	98	50-148	
4-Chlorotoluene	50.0	45.6	91	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	47.6	95	56-141	
Acetone	50.0	44.9	90	11-150	
Benzene	50.0	46.1	92	67-130	
Bromobenzene	50.0	43.6	87	70-130	
Chlorobromomethane	50.0	48.0	96	59-139	
Dichlorobromomethane	50.0	45.1	90	69-130	
Bromoform	50.0	39.0	78	67-140	
Bromomethane	50.0	49.3	99	10-150	
Carbon disulfide	50.0	57.0	114	36-150	
Carbon tetrachloride	50.0	47.2	94	60-134	
Chlorobenzene	50.0	44.1	88	70-130	
Chloroethane	50.0	54.5	109	57-150	
Chloroform	50.0	48.7	97	80-120	
Chloromethane	50.0	55.8	112	46-150	
cis-1,2-Dichloroethene	50.0	45.0	90	64-130	
cis-1,3-Dichloropropene	50.0	46.4	93	66-134	
Chlorodibromomethane	50.0	45.3	91	65-133	
Dibromomethane	50.0	43.7	87	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11102231.D

Lab ID: LCS 550-288377/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.1	106	29-150	
Ethylbenzene	50.0	47.1	94	80-120	
Freon 113	50.0	54.4	109	37-150	
Hexachlorobutadiene	50.0	57.2	114	58-134	
Isopropylbenzene	50.0	49.1	98	70-139	
m-Xylene & p-Xylene	50.0	46.7	93	67-137	
Methyl tert-butyl ether	50.0	48.8	98	59-139	
Methylene Chloride	50.0	48.6	97	55-136	
Naphthalene	50.0	46.5	93	64-135	
n-Butylbenzene	50.0	54.2	108	70-136	
N-Propylbenzene	50.0	49.6	99	66-142	
o-Xylene	50.0	46.6	93	68-136	
4-Isopropyltoluene	50.0	52.2	104	67-138	
sec-Butylbenzene	50.0	52.0	104	66-135	
Styrene	50.0	45.4	91	69-135	
tert-Butylbenzene	50.0	51.8	104	64-135	
Tetrachloroethene	50.0	46.5	93	63-131	
Toluene	50.0	46.1	92	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	47.1	94	66-136	
Trichloroethene	50.0	46.3	93	67-130	
Trichlorofluoromethane	50.0	52.9	106	62-147	
Vinyl acetate	50.0	53.6	107	51-150	
Vinyl chloride	50.0	54.1	108	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122204.D

Lab ID: LCS 550-288515/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.7	89	68-133	
1,1,1-Trichloroethane	50.0	49.9	100	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.7	93	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.3	101	80-120	
1,1-Dichloropropene	50.0	48.6	97	63-130	
1,2,3-Trichlorobenzene	50.0	35.7	71	62-139	
1,2,3-Trichloropropane	50.0	44.5	89	67-130	
1,2,4-Trichlorobenzene	50.0	38.2	76	66-135	
1,2,4-Trimethylbenzene	50.0	47.1	94	70-134	
1,2-Dibromo-3-Chloropropane	50.0	42.9	86	58-133	
1,2-Dibromoethane	50.0	44.9	90	70-130	
1,2-Dichlorobenzene	50.0	41.8	84	70-130	
1,2-Dichloroethane	50.0	44.5	89	54-135	
1,2-Dichloropropane	50.0	47.8	96	80-120	
1,3,5-Trimethylbenzene	50.0	48.9	98	70-139	
1,3-Dichlorobenzene	50.0	43.8	88	70-130	
1,3-Dichloropropane	50.0	45.7	91	69-130	
1,4-Dichlorobenzene	50.0	43.7	87	70-130	
2,2-Dichloropropane	50.0	53.0	106	60-148	
2-Butanone (MEK)	50.0	50.5	101	50-150	
Methyl n-butyl ketone (MNBK)	50.0	48.8	98	50-148	
4-Chlorotoluene	50.0	47.1	94	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	47.3	95	56-141	
Acetone	50.0	47.8	96	11-150	
Benzene	50.0	47.2	94	67-130	
Bromobenzene	50.0	45.2	90	70-130	
Chlorobromomethane	50.0	46.6	93	59-139	
Dichlorobromomethane	50.0	46.0	92	69-130	
Bromoform	50.0	41.9	84	67-140	
Bromomethane	50.0	43.5	87	10-150	
Carbon disulfide	50.0	56.9	114	36-150	
Carbon tetrachloride	50.0	47.7	95	60-134	
Chlorobenzene	50.0	44.6	89	70-130	
Chloroethane	50.0	54.3	109	57-150	
Chloroform	50.0	47.9	96	80-120	
Chloromethane	50.0	51.6	103	46-150	
cis-1,2-Dichloroethene	50.0	46.3	93	64-130	
cis-1,3-Dichloropropene	50.0	49.5	99	66-134	
Chlorodibromomethane	50.0	46.2	92	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122204.D

Lab ID: LCS 550-288515/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	47.4	95	29-150	
Ethylbenzene	50.0	46.1	92	80-120	
Freon 113	50.0	52.6	105	37-150	
Hexachlorobutadiene	50.0	41.6	83	58-134	
Isopropylbenzene	50.0	51.2	102	70-139	
m-Xylene & p-Xylene	50.0	50.0	100	67-137	
Methyl tert-butyl ether	50.0	48.9	98	59-139	
Methylene Chloride	50.0	47.7	95	55-136	
Naphthalene	50.0	37.6	75	64-135	
n-Butylbenzene	50.0	49.8	100	70-136	
N-Propylbenzene	50.0	49.7	99	66-142	
o-Xylene	50.0	49.5	99	68-136	
4-Isopropyltoluene	50.0	49.4	99	67-138	
sec-Butylbenzene	50.0	49.8	100	66-135	
Styrene	50.0	48.1	96	69-135	
tert-Butylbenzene	50.0	48.6	97	64-135	
Tetrachloroethene	50.0	46.2	92	63-131	
Toluene	50.0	47.0	94	71-123	
trans-1,2-Dichloroethene	50.0	50.1	100	65-132	
trans-1,3-Dichloropropene	50.0	49.3	99	66-136	
Trichloroethene	50.0	47.3	95	67-130	
Trichlorofluoromethane	50.0	50.9	102	62-147	
Vinyl acetate	50.0	51.6	103	51-150	
Vinyl chloride	50.0	54.4	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11102232.D

Lab ID: LCSD 550-288377/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.7	89	1	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	3	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	45.7	91	4	20	60-135	
1,1,2-Trichloroethane	50.0	44.1	88	1	20	69-130	
1,1-Dichloroethane	50.0	50.5	101	2	20	65-132	
1,1-Dichloroethene	50.0	50.9	102	1	23	80-120	
1,1-Dichloropropene	50.0	49.0	98	3	20	63-130	
1,2,3-Trichlorobenzene	50.0	48.5	97	2	20	62-139	
1,2,3-Trichloropropane	50.0	43.7	87	4	20	67-130	
1,2,4-Trichlorobenzene	50.0	47.4	95	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	47.0	94	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	50.4	101	7	21	58-133	
1,2-Dibromoethane	50.0	44.7	89	1	20	70-130	
1,2-Dichlorobenzene	50.0	44.1	88	1	20	70-130	
1,2-Dichloroethane	50.0	43.6	87	1	20	54-135	
1,2-Dichloropropane	50.0	46.2	92	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.6	93	1	20	70-139	
1,3-Dichlorobenzene	50.0	43.3	87	3	20	70-130	
1,3-Dichloropropane	50.0	44.2	88	0	20	69-130	
1,4-Dichlorobenzene	50.0	43.0	86	2	20	70-130	
2,2-Dichloropropane	50.0	50.4	101	1	21	60-148	
2-Butanone (MEK)	50.0	53.4	107	5	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	51.1	102	5	29	50-148	
4-Chlorotoluene	50.0	44.6	89	2	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	49.5	99	4	23	56-141	
Acetone	50.0	49.7	99	10	35	11-150	
Benzene	50.0	46.3	93	0	20	67-130	
Bromobenzene	50.0	42.6	85	2	20	70-130	
Chlorobromomethane	50.0	46.3	93	4	20	59-139	
Dichlorobromomethane	50.0	45.5	91	1	20	69-130	
Bromoform	50.0	39.2	78	1	20	67-140	
Bromomethane	50.0	48.8	98	1	31	10-150	
Carbon disulfide	50.0	56.2	112	1	26	36-150	
Carbon tetrachloride	50.0	49.3	99	4	20	60-134	
Chlorobenzene	50.0	43.8	88	1	20	70-130	
Chloroethane	50.0	52.7	105	3	29	57-150	
Chloroform	50.0	47.7	95	2	20	80-120	
Chloromethane	50.0	55.2	110	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.9	92	2	20	64-130	
cis-1,3-Dichloropropene	50.0	47.1	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	44.2	88	1	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11102232.D

Lab ID: LCSD 550-288377/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.4	113	6	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	54.5	109	0	20	37-150	
Hexachlorobutadiene	50.0	55.8	112	2	20	58-134	
Isopropylbenzene	50.0	48.7	97	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.9	92	2	20	67-137	
Methyl tert-butyl ether	50.0	48.2	96	1	22	59-139	
Methylene Chloride	50.0	46.9	94	3	23	55-136	
Naphthalene	50.0	49.0	98	5	20	64-135	
n-Butylbenzene	50.0	51.5	103	5	20	70-136	
N-Propylbenzene	50.0	48.3	97	3	20	66-142	
o-Xylene	50.0	46.1	92	1	20	68-136	
4-Isopropyltoluene	50.0	50.7	101	3	20	67-138	
sec-Butylbenzene	50.0	51.0	102	2	20	66-135	
Styrene	50.0	44.6	89	2	20	69-135	
tert-Butylbenzene	50.0	51.1	102	1	20	64-135	
Tetrachloroethene	50.0	46.6	93	0	20	63-131	
Toluene	50.0	46.2	92	0	20	71-123	
trans-1,2-Dichloroethene	50.0	50.2	100	1	20	65-132	
trans-1,3-Dichloropropene	50.0	46.7	93	1	20	66-136	
Trichloroethene	50.0	47.1	94	2	20	67-130	
Trichlorofluoromethane	50.0	52.4	105	1	22	62-147	
Vinyl acetate	50.0	52.4	105	2	29	51-150	
Vinyl chloride	50.0	56.0	112	3	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122205.D

Lab ID: LCSD 550-288515/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	49.3	99	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	47.0	94	1	20	60-135	
1,1,2-Trichloroethane	50.0	44.3	89	1	20	69-130	
1,1-Dichloroethane	50.0	50.6	101	1	20	65-132	
1,1-Dichloroethene	50.0	49.3	99	2	23	80-120	
1,1-Dichloropropene	50.0	48.1	96	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	35.4	71	1	20	62-139	
1,2,3-Trichloropropane	50.0	44.0	88	1	20	67-130	
1,2,4-Trichlorobenzene	50.0	37.4	75	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	45.4	91	3	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	43.2	86	1	21	58-133	
1,2-Dibromoethane	50.0	44.2	88	1	20	70-130	
1,2-Dichlorobenzene	50.0	41.7	83	0	20	70-130	
1,2-Dichloroethane	50.0	44.9	90	1	20	54-135	
1,2-Dichloropropane	50.0	47.1	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.2	92	6	20	70-139	
1,3-Dichlorobenzene	50.0	43.2	86	1	20	70-130	
1,3-Dichloropropane	50.0	44.9	90	2	20	69-130	
1,4-Dichlorobenzene	50.0	43.1	86	2	20	70-130	
2,2-Dichloropropane	50.0	52.1	104	2	21	60-148	
2-Butanone (MEK)	50.0	45.6	91	10	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	46.6	93	5	29	50-148	
4-Chlorotoluene	50.0	46.2	92	2	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	46.0	92	3	23	56-141	
Acetone	50.0	44.6	89	7	35	11-150	
Benzene	50.0	47.1	94	0	20	67-130	
Bromobenzene	50.0	45.0	90	0	20	70-130	
Chlorobromomethane	50.0	45.9	92	1	20	59-139	
Dichlorobromomethane	50.0	46.4	93	1	20	69-130	
Bromoform	50.0	42.2	84	1	20	67-140	
Bromomethane	50.0	45.4	91	4	31	10-150	
Carbon disulfide	50.0	55.1	110	3	26	36-150	
Carbon tetrachloride	50.0	47.2	94	1	20	60-134	
Chlorobenzene	50.0	43.7	87	2	20	70-130	
Chloroethane	50.0	53.5	107	2	29	57-150	
Chloroform	50.0	48.1	96	0	20	80-120	
Chloromethane	50.0	54.0	108	5	30	46-150	
cis-1,2-Dichloroethene	50.0	46.3	93	0	20	64-130	
cis-1,3-Dichloropropene	50.0	49.1	98	1	20	66-134	
Chlorodibromomethane	50.0	45.6	91	1	20	65-133	
Dibromomethane	50.0	45.2	90	1	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122205.D

Lab ID: LCSD 550-288515/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	46.7	93	1	30	29-150	
Ethylbenzene	50.0	44.9	90	3	20	80-120	
Freon 113	50.0	51.5	103	2	20	37-150	
Hexachlorobutadiene	50.0	38.3	77	8	20	58-134	
Isopropylbenzene	50.0	49.0	98	4	20	70-139	
m-Xylene & p-Xylene	50.0	49.4	99	1	20	67-137	
Methyl tert-butyl ether	50.0	48.6	97	1	22	59-139	
Methylene Chloride	50.0	47.5	95	0	23	55-136	
Naphthalene	50.0	38.1	76	1	20	64-135	
n-Butylbenzene	50.0	45.8	92	8	20	70-136	
N-Propylbenzene	50.0	47.0	94	5	20	66-142	
o-Xylene	50.0	49.5	99	0	20	68-136	
4-Isopropyltoluene	50.0	45.2	90	9	20	67-138	
sec-Butylbenzene	50.0	46.0	92	8	20	66-135	
Styrene	50.0	48.3	97	0	20	69-135	
tert-Butylbenzene	50.0	45.4	91	7	20	64-135	
Tetrachloroethene	50.0	45.1	90	3	20	63-131	
Toluene	50.0	46.5	93	1	20	71-123	
trans-1,2-Dichloroethene	50.0	49.4	99	1	20	65-132	
trans-1,3-Dichloropropene	50.0	49.3	99	0	20	66-136	
Trichloroethene	50.0	47.2	94	0	20	67-130	
Trichlorofluoromethane	50.0	49.7	99	3	22	62-147	
Vinyl acetate	50.0	47.6	95	8	29	51-150	
Vinyl chloride	50.0	53.4	107	2	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122208.D

Lab ID: 550-193084-11 MS Client ID: R-29A_D1_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	46.1	92	62-139	
1,1,1-Trichloroethane	50.0	ND	50.6	101	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	50.7	101	52-150	
1,1,2-Trichloroethane	50.0	ND	46.2	92	62-137	
1,1-Dichloroethane	50.0	ND	51.8	104	58-145	
1,1-Dichloroethene	50.0	ND	51.0	102	50-150	
1,1-Dichloropropene	50.0	ND	50.8	102	50-142	
1,2,3-Trichlorobenzene	50.0	ND	36.1	72	52-144	
1,2,3-Trichloropropane	50.0	ND	47.5	95	59-138	
1,2,4-Trichlorobenzene	50.0	ND	38.1	76	54-140	
1,2,4-Trimethylbenzene	50.0	ND	47.3	95	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	47.0	94	41-149	
1,2-Dibromoethane	50.0	ND	46.8	94	67-136	
1,2-Dichlorobenzene	50.0	ND	42.8	86	64-132	
1,2-Dichloroethane	50.0	ND	47.0	94	47-146	
1,2-Dichloropropane	50.0	ND	48.9	98	59-140	
1,3,5-Trimethylbenzene	50.0	ND	47.0	94	34-150	
1,3-Dichlorobenzene	50.0	ND	44.7	89	67-130	
1,3-Dichloropropane	50.0	ND	46.9	94	65-140	
1,4-Dichlorobenzene	50.0	ND	44.2	88	67-128	
2,2-Dichloropropane	50.0	ND	53.5	107	54-150	
2-Butanone (MEK)	50.0	ND	50.3	101	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	48.7	97	37-150	
4-Chlorotoluene	50.0	ND	47.4	95	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	48.9	98	41-150	
Acetone	50.0	ND	43.1	86	10-150	
Benzene	50.0	ND	49.6	99	54-142	
Bromobenzene	50.0	ND	47.4	95	67-132	
Chlorobromomethane	50.0	ND	47.3	95	55-147	
Dichlorobromomethane	50.0	ND	47.7	95	61-143	
Bromoform	50.0	ND	45.1	90	57-148	
Bromomethane	50.0	ND	45.0	90	56-149	
Carbon disulfide	50.0	ND	56.8	114	23-150	
Carbon tetrachloride	50.0	ND	49.8	100	51-143	
Chlorobenzene	50.0	ND	45.5	91	69-129	
Chloroethane	50.0	ND	55.4	111	41-150	
Chloroform	50.0	ND	48.9	98	60-148	
Chloromethane	50.0	ND	49.9	100	29-150	
cis-1,2-Dichloroethene	50.0	6.9	55.6	97	57-139	
cis-1,3-Dichloropropene	50.0	ND	50.3	101	57-145	
Chlorodibromomethane	50.0	ND	47.7	95	61-143	
Dibromomethane	50.0	ND	47.2	94	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122208.D

Lab ID: 550-193084-11 MS Client ID: R-29A_D1_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	47.4	95	20-150	
Ethylbenzene	50.0	ND	46.4	93	46-149	
Freon 113	50.0	ND	53.0	106	10-150	
Hexachlorobutadiene	50.0	ND	39.5	79	48-146	
Isopropylbenzene	50.0	ND	51.8	104	56-146	
m-Xylene & p-Xylene	50.0	ND	51.6	103	47-150	
Methyl tert-butyl ether	50.0	ND	49.9	100	51-150	
Methylene Chloride	50.0	ND	48.0	96	43-150	
Naphthalene	50.0	ND	38.9	78	32-150	
n-Butylbenzene	50.0	ND	47.1	94	54-146	
N-Propylbenzene	50.0	ND	49.4	99	54-150	
o-Xylene	50.0	ND	51.2	102	52-150	
4-Isopropyltoluene	50.0	ND	47.7	95	53-147	
sec-Butylbenzene	50.0	ND	48.2	96	54-145	
Styrene	50.0	ND	49.6	99	20-150	
tert-Butylbenzene	50.0	ND	47.3	95	57-143	
Tetrachloroethene	50.0	110	151	87	37-150	E
Toluene	50.0	ND	48.4	97	54-141	
trans-1,2-Dichloroethene	50.0	10	61.8	103	58-140	
trans-1,3-Dichloropropene	50.0	ND	50.9	102	57-147	
Trichloroethene	50.0	13	62.7	99	58-134	
Trichlorofluoromethane	50.0	ND	51.1	102	46-150	
Vinyl acetate	50.0	ND	53.8	108	10-150	
Vinyl chloride	50.0	ND	54.5	109	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122209.D

Lab ID: 550-193084-11 MSD Client ID: R-29A_D1_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	46.3					
1,1,1-Trichloroethane	50.0	49.9					
1,1,2,2-Tetrachloroethane	50.0	48.2					
1,1,2-Trichloroethane	50.0	45.2					
1,1-Dichloroethane	50.0	52.0					
1,1-Dichloroethene	50.0	49.8					
1,1-Dichloropropene	50.0	48.2					
1,2,3-Trichlorobenzene	50.0	36.2					
1,2,3-Trichloropropane	50.0	44.5					
1,2,4-Trichlorobenzene	50.0	38.2					
1,2,4-Trimethylbenzene	50.0	46.6					
1,2-Dibromo-3-Chloropropane	50.0	45.2					
1,2-Dibromoethane	50.0	45.4					
1,2-Dichlorobenzene	50.0	43.1					
1,2-Dichloroethane	50.0	45.7					
1,2-Dichloropropane	50.0	48.1					
1,3,5-Trimethylbenzene	50.0	46.2					
1,3-Dichlorobenzene	50.0	44.3					
1,3-Dichloropropane	50.0	45.5					
1,4-Dichlorobenzene	50.0	44.2					
2,2-Dichloropropane	50.0	52.9					
2-Butanone (MEK)	50.0	48.6					
Methyl n-butyl ketone (MNBK)	50.0	44.5					
4-Chlorotoluene	50.0	47.4					
4-Methyl-2-pentanone (MIBK)	50.0	45.3					
Acetone	50.0	38.7					
Benzene	50.0	47.8					
Bromobenzene	50.0	47.1					
Chlorobromomethane	50.0	48.8					
Dichlorobromomethane	50.0	47.7					
Bromoform	50.0	43.8					
Bromomethane	50.0	48.6					
Carbon disulfide	50.0	55.0					
Carbon tetrachloride	50.0	47.5					
Chlorobenzene	50.0	45.3					
Chloroethane	50.0	53.9					
Chloroform	50.0	49.8					
Chloromethane	50.0	52.4					
cis-1,2-Dichloroethene	50.0	54.9					
cis-1,3-Dichloropropene	50.0	49.3					
Chlorodibromomethane	50.0	47.3					
Dibromomethane	50.0	45.4					

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11122209.D

Lab ID: 550-193084-11 MSD Client ID: R-29A_D1_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	44.4					
Ethylbenzene	50.0	45.8					
Freon 113	50.0	51.5					
Hexachlorobutadiene	50.0	37.4					
Isopropylbenzene	50.0	50.5					
m-Xylene & p-Xylene	50.0	50.7					
Methyl tert-butyl ether	50.0	49.9					
Methylene Chloride	50.0	48.9					
Naphthalene	50.0	39.3					
n-Butylbenzene	50.0	44.9					
N-Propylbenzene	50.0	48.3					
o-Xylene	50.0	50.0					
4-Isopropyltoluene	50.0	45.7					
sec-Butylbenzene	50.0	46.7					
Styrene	50.0	49.0					
tert-Butylbenzene	50.0	46.9					
Tetrachloroethene	50.0	162					E
Toluene	50.0	47.1					
trans-1,2-Dichloroethene	50.0	61.4					
trans-1,3-Dichloropropene	50.0	49.5					
Trichloroethene	50.0	61.9					
Trichlorofluoromethane	50.0	49.2					
Vinyl acetate	50.0	54.8					
Vinyl chloride	50.0	52.6					

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11102234.D Lab Sample ID: MB 550-288377/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/10/2022 23:13

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288377/4	11102231.D	11/10/2022 22:09
	LCSD 550-288377/5	11102232.D	11/10/2022 22:30
DM-2_D1_11-2022	550-193084-1	11102250.D	11/11/2022 04:47
R-31_I1_11-2022	550-193084-2	11102251.D	11/11/2022 05:08
R-31_I2_11-2022	550-193084-3	11102252.D	11/11/2022 05:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11102235.D Lab Sample ID: MB 550-288290/1-A

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/10/2022 23:34

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11122207.D Lab Sample ID: MB 550-288515/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/12/2022 14:26

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288515/3	11122204.D	11/12/2022 13:23
	LCSD 550-288515/4	11122205.D	11/12/2022 13:44
R-29A_D1_11-2022 MS	550-193084-11 MS	11122208.D	11/12/2022 14:46
R-29A_D1_11-2022 MSD	550-193084-11 MSD	11122209.D	11/12/2022 15:07
R-29A_D1_11-2022	550-193084-11	11122210.D	11/12/2022 15:28
DM-1_D2_11-2022	550-193084-4	11122211.D	11/12/2022 15:49
DM-2_D2_11-2022	550-193084-5	11122212.D	11/12/2022 16:11
R-12_D1_11-2022	550-193084-6	11122213.D	11/12/2022 16:32
R-27_I1_11-2022	550-193084-7	11122214.D	11/12/2022 16:53
R-12_S1_11-2022	550-193084-8	11122215.D	11/12/2022 17:14
DM-1_D1_11-2022	550-193084-9	11122216.D	11/12/2022 17:35
DM-2_I1_11-2022	550-193084-10	11122217.D	11/12/2022 17:55
R-929A_D1_11-2022	550-193084-12	11122218.D	11/12/2022 18:17
TB-01_11-2022	550-193084-13	11122219.D	11/12/2022 18:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11102229.D BFB Injection Date: 11/10/2022

Instrument ID: GCMS15 BFB Injection Time: 21:28

Analysis Batch No.: 288377

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.8	
173	Less than 2.0 % of mass 174	0.4	(0.4) 1
174	Greater than 50% of mass 95	106.1	
175	5.0 - 9.0 % of mass 174	8.0	(7.5) 1
176	95.0 - 101.0 % of mass 174	104.1	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.7	(7.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288377/3	11102230.D	11/10/2022	21:48
	LCS 550-288377/4	11102231.D	11/10/2022	22:09
	LCSD 550-288377/5	11102232.D	11/10/2022	22:30
	MB 550-288377/7	11102234.D	11/10/2022	23:13
	MB 550-288290/1-A	11102235.D	11/10/2022	23:34
DM-2_D1_11-2022	550-193084-1	11102250.D	11/11/2022	4:47
R-31_I1_11-2022	550-193084-2	11102251.D	11/11/2022	5:08
R-31_I2_11-2022	550-193084-3	11102252.D	11/11/2022	5:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab File ID: 11122202.D BFB Injection Date: 11/12/2022

Instrument ID: GCMS15 BFB Injection Time: 12:13

Analysis Batch No.: 288515

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	106.3	
175	5.0 - 9.0 % of mass 174	8.8	(8.3) 1
176	95.0 - 101.0 % of mass 174	105.6	(99.4) 1
177	5.0 - 9.0 % of mass 176	8.1	(7.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288515/2	11122203.D	11/12/2022	12:46
	LCS 550-288515/3	11122204.D	11/12/2022	13:23
	LCSD 550-288515/4	11122205.D	11/12/2022	13:44
	MB 550-288515/6	11122207.D	11/12/2022	14:26
R-29A_D1_11-2022 MS	550-193084-11 MS	11122208.D	11/12/2022	14:46
R-29A_D1_11-2022 MSD	550-193084-11 MSD	11122209.D	11/12/2022	15:07
R-29A_D1_11-2022	550-193084-11	11122210.D	11/12/2022	15:28
DM-1_D2_11-2022	550-193084-4	11122211.D	11/12/2022	15:49
DM-2_D2_11-2022	550-193084-5	11122212.D	11/12/2022	16:11
R-12_D1_11-2022	550-193084-6	11122213.D	11/12/2022	16:32
R-27_I1_11-2022	550-193084-7	11122214.D	11/12/2022	16:53
R-12_S1_11-2022	550-193084-8	11122215.D	11/12/2022	17:14
DM-1_D1_11-2022	550-193084-9	11122216.D	11/12/2022	17:35
DM-2_I1_11-2022	550-193084-10	11122217.D	11/12/2022	17:55
R-929A_D1_11-2022	550-193084-12	11122218.D	11/12/2022	18:17
TB-01_11-2022	550-193084-13	11122219.D	11/12/2022	18:38

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288515/2		107331	4.33	893189	7.33	680868	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288515/2		344930	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: CCVIS 550-288377/3 Date Analyzed: 11/10/2022 21:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11102230.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		172826	4.34	1011804	7.34	799145	9.98
UPPER LIMIT		345652	4.84	2023608	7.84	1598290	10.48
LOWER LIMIT		86413	3.84	505902	6.84	399573	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288377/4		161133	4.32	1041026	7.33	827500	9.97
LCSD 550-288377/5		170745	4.33	972108	7.33	738782	9.97
MB 550-288377/7		167506	4.31	1035441	7.33	796264	9.97
MB 550-288290/1-A		153324	4.32	886580	7.33	656323	9.97
550-193084-1	DM-2_D1_11-2022	123831	4.33	931627	7.34	719726	9.98
550-193084-2	R-31_I1_11-2022	122741	4.33	910945	7.34	677555	9.97
550-193084-3	R-31_I2_11-2022	118530	4.32	895529	7.34	686202	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: CCVIS 550-288377/3 Date Analyzed: 11/10/2022 21:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11102230.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		440033	11.85				
UPPER LIMIT		880066	12.35				
LOWER LIMIT		220017	11.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288377/4		457519	11.84				
LCSD 550-288377/5		411588	11.84				
MB 550-288377/7		452954	11.84				
MB 550-288290/1-A		377313	11.84				
550-193084-1	DM-2_D1_11-2022	388742	11.84				
550-193084-2	R-31_I1_11-2022	372513	11.84				
550-193084-3	R-31_I2_11-2022	385403	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: CCVIS 550-288515/2 Date Analyzed: 11/12/2022 12:46

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11122203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		107331	4.33	893189	7.33	680868	9.97
UPPER LIMIT		214662	4.83	1786378	7.83	1361736	10.47
LOWER LIMIT		53666	3.83	446595	6.83	340434	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288515/3		116248	4.32	958683	7.32	733162	9.97
LCSD 550-288515/4		104225	4.33	922262	7.34	700632	9.97
MB 550-288515/6		119341	4.32	937179	7.34	676795	9.97
550-193084-11 MS	R-29A_D1_11-2022 MS	110248	4.32	829140	7.33	618188	9.97
550-193084-11 MSD	R-29A_D1_11-2022 MSD	115181	4.32	902788	7.33	693847	9.97
550-193084-11	R-29A_D1_11-2022	101989	4.33	938601	7.34	688928	9.98
550-193084-4	DM-1_D2_11-2022	140122	4.32	1070063	7.32	822841	9.97
550-193084-5	DM-2_D2_11-2022	129099	4.31	1045741	7.33	782383	9.97
550-193084-6	R-12_D1_11-2022	109432	4.31	988836	7.33	747740	9.97
550-193084-7	R-27_I1_11-2022	95287	4.33	884485	7.34	661341	9.97
550-193084-8	R-12_S1_11-2022	125775	4.32	985756	7.34	759094	9.98
550-193084-9	DM-1_D1_11-2022	116654	4.33	925195	7.34	684952	9.97
550-193084-10	DM-2_I1_11-2022	140706	4.33	919800	7.34	690486	9.97
550-193084-12	R-929A_D1_11-2022	128126	4.32	972317	7.33	732367	9.97
550-193084-13	TB-01_11-2022	90930	4.33	880239	7.34	653666	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Sample No.: CCVIS 550-288515/2 Date Analyzed: 11/12/2022 12:46

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11122203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		344930	11.84				
UPPER LIMIT		689860	12.34				
LOWER LIMIT		172465	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288515/3		371781	11.84				
LCSD 550-288515/4		351574	11.84				
MB 550-288515/6		362983	11.84				
550-193084-11 MS	R-29A_D1_11-2022 MS	306515	11.84				
550-193084-11 MSD	R-29A_D1_11-2022 MSD	346916	11.84				
550-193084-11	R-29A_D1_11-2022	386246	11.84				
550-193084-4	DM-1_D2_11-2022	446262	11.84				
550-193084-5	DM-2_D2_11-2022	428555	11.84				
550-193084-6	R-12_D1_11-2022	407925	11.84				
550-193084-7	R-27_I1_11-2022	367985	11.84				
550-193084-8	R-12_S1_11-2022	414727	11.85				
550-193084-9	DM-1_D1_11-2022	370142	11.84				
550-193084-10	DM-2_I1_11-2022	381259	11.84				
550-193084-12	R-929A_D1_11-2022	405665	11.84				
550-193084-13	TB-01_11-2022	363147	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D1_11-2022 | Lab Sample ID: 550-193084-1

Matrix: Water | Lab File ID: 11102250.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:53

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 04:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D1_11-2022 | Lab Sample ID: 550-193084-1

Matrix: Water | Lab File ID: 11102250.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:53

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 04:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	17		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.56	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	9.8		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	0.94	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D1_11-2022 | Lab Sample ID: 550-193084-1

Matrix: Water | Lab File ID: 11102250.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:53

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 04:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I1_11-2022 | Lab Sample ID: 550-193084-2

Matrix: Water | Lab File ID: 11102251.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I1_11-2022 | Lab Sample ID: 550-193084-2

Matrix: Water | Lab File ID: 11102251.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I1_11-2022 | Lab Sample ID: 550-193084-2

Matrix: Water | Lab File ID: 11102251.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I2_11-2022 | Lab Sample ID: 550-193084-3

Matrix: Water | Lab File ID: 11102252.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 05:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I2_11-2022 | Lab Sample ID: 550-193084-3

Matrix: Water | Lab File ID: 11102252.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/11/2022 05:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.59	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	1.5	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-31_I2_11-2022 Lab Sample ID: 550-193084-3

Matrix: Water Lab File ID: 11102252.D

Analysis Method: 8260B Date Collected: 11/02/2022 14:00

Sample wt/vol: 10(mL) Date Analyzed: 11/11/2022 05:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D2_11-2022 | Lab Sample ID: 550-193084-4

Matrix: Water | Lab File ID: 11122211.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D2_11-2022 | Lab Sample ID: 550-193084-4

Matrix: Water | Lab File ID: 11122211.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	6.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	14		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.8	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	1.3	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D2_11-2022 | Lab Sample ID: 550-193084-4

Matrix: Water | Lab File ID: 11122211.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D2_11-2022 | Lab Sample ID: 550-193084-5

Matrix: Water | Lab File ID: 11122212.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:21

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D2_11-2022 | Lab Sample ID: 550-193084-5

Matrix: Water | Lab File ID: 11122212.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:21

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	27		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	4.0		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_D2_11-2022 | Lab Sample ID: 550-193084-5

Matrix: Water | Lab File ID: 11122212.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:21

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_D1_11-2022 | Lab Sample ID: 550-193084-6

Matrix: Water | Lab File ID: 11122213.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_D1_11-2022 | Lab Sample ID: 550-193084-6

Matrix: Water | Lab File ID: 11122213.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	1.8	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	0.96	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_D1_11-2022 | Lab Sample ID: 550-193084-6

Matrix: Water | Lab File ID: 11122213.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-27_I1_11-2022 | Lab Sample ID: 550-193084-7

Matrix: Water | Lab File ID: 11122214.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-27_I1_11-2022 | Lab Sample ID: 550-193084-7

Matrix: Water | Lab File ID: 11122214.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	9.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	0.86	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	3.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	6.3		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	1.1	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-27_I1_11-2022 | Lab Sample ID: 550-193084-7

Matrix: Water | Lab File ID: 11122214.D

Analysis Method: 8260B | Date Collected: 11/02/2022 13:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 16:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_S1_11-2022 | Lab Sample ID: 550-193084-8

Matrix: Water | Lab File ID: 11122215.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:19

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_S1_11-2022 | Lab Sample ID: 550-193084-8

Matrix: Water | Lab File ID: 11122215.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:19

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	12		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	14		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	2.2		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-12_S1_11-2022 Lab Sample ID: 550-193084-8

Matrix: Water Lab File ID: 11122215.D

Analysis Method: 8260B Date Collected: 11/02/2022 10:19

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D1_11-2022 | Lab Sample ID: 550-193084-9

Matrix: Water | Lab File ID: 11122216.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:49

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D1_11-2022 | Lab Sample ID: 550-193084-9

Matrix: Water | Lab File ID: 11122216.D

Analysis Method: 8260B | Date Collected: 11/02/2022 10:49

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	3.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	8.5		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	3.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	15		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-1_D1_11-2022 Lab Sample ID: 550-193084-9

Matrix: Water Lab File ID: 11122216.D

Analysis Method: 8260B Date Collected: 11/02/2022 10:49

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 17:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_I1_11-2022 | Lab Sample ID: 550-193084-10

Matrix: Water | Lab File ID: 11122217.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:36

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_I1_11-2022 | Lab Sample ID: 550-193084-10

Matrix: Water | Lab File ID: 11122217.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:36

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: DM-2_I1_11-2022 | Lab Sample ID: 550-193084-10

Matrix: Water | Lab File ID: 11122217.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:36

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 17:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 | Lab Sample ID: 550-193084-11

Matrix: Water | Lab File ID: 11122210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 | Lab Sample ID: 550-193084-11

Matrix: Water | Lab File ID: 11122210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	6.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	110	E	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	10		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	13		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 | Lab Sample ID: 550-193084-11

Matrix: Water | Lab File ID: 11122210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-929A_D1_11-2022 | Lab Sample ID: 550-193084-12

Matrix: Water | Lab File ID: 11122218.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-929A_D1_11-2022 | Lab Sample ID: 550-193084-12

Matrix: Water | Lab File ID: 11122218.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	32		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	7.2		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	25		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	31		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-929A_D1_11-2022 | Lab Sample ID: 550-193084-12

Matrix: Water | Lab File ID: 11122218.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: TB-01_11-2022 | Lab Sample ID: 550-193084-13

Matrix: Water | Lab File ID: 11122219.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: TB-01_11-2022 | Lab Sample ID: 550-193084-13

Matrix: Water | Lab File ID: 11122219.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: TB-01_11-2022 | Lab Sample ID: 550-193084-13

Matrix: Water | Lab File ID: 11122219.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:51

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 18:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188	42024	78737	206697	410767	0.500	1.00	2.00	5.00	10.0
			1011919	1817393	2925530	4137291		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	25006	46259	91779	240694	483514	0.500	1.00	2.00	5.00	10.0
			1114906	1935535	3256219	4729715		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602	49398	96879	251844	502992	0.500	1.00	2.00	5.00	10.0
			1206372	2076668	3452051	4988214		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	31737	59115	116071	306873	613132	0.500	1.00	2.00	5.00	10.0
			1397170	2442130	4131905	5954380		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	18204	32162	63978	161734	320044	0.500	1.00	2.00	5.00	10.0
			782193	1373413	2207118	3219631		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	30674	56668	111423	295543	587952	0.500	1.00	2.00	5.00	10.0
			1338220	2309199	3889447	5687819		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	18081	33153	62813	161066	316239	0.500	1.00	2.00	5.00	10.0
			774798	1337786	2139443	3123296		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	26110	48862	97171	254863	501452	0.500	1.00	2.00	5.00	10.0
			1081192	1824868	3087386	4451351		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	16275	31664	61906	153686	304555	0.500	1.00	2.00	5.00	10.0
			745964	1286930	2063903	2937840		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	2115	3925	9662	20545	+++++	1.00	2.00	5.00	10.0
			52427	108561	161361	215067		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013	26264	51354	123692	240612	0.500	1.00	2.00	5.00	10.0
			527877	825209	1387789	2003749		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193084-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

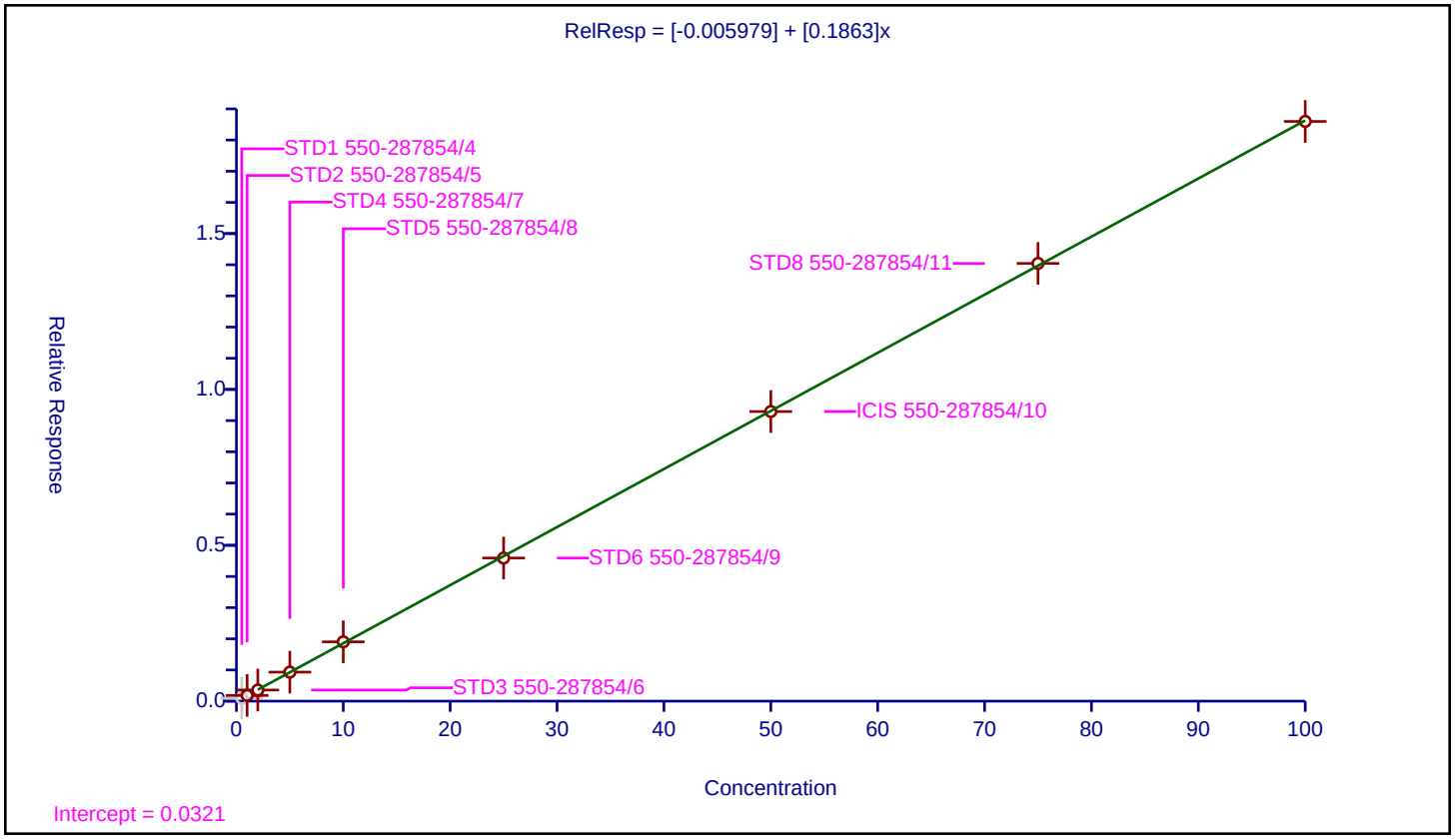
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

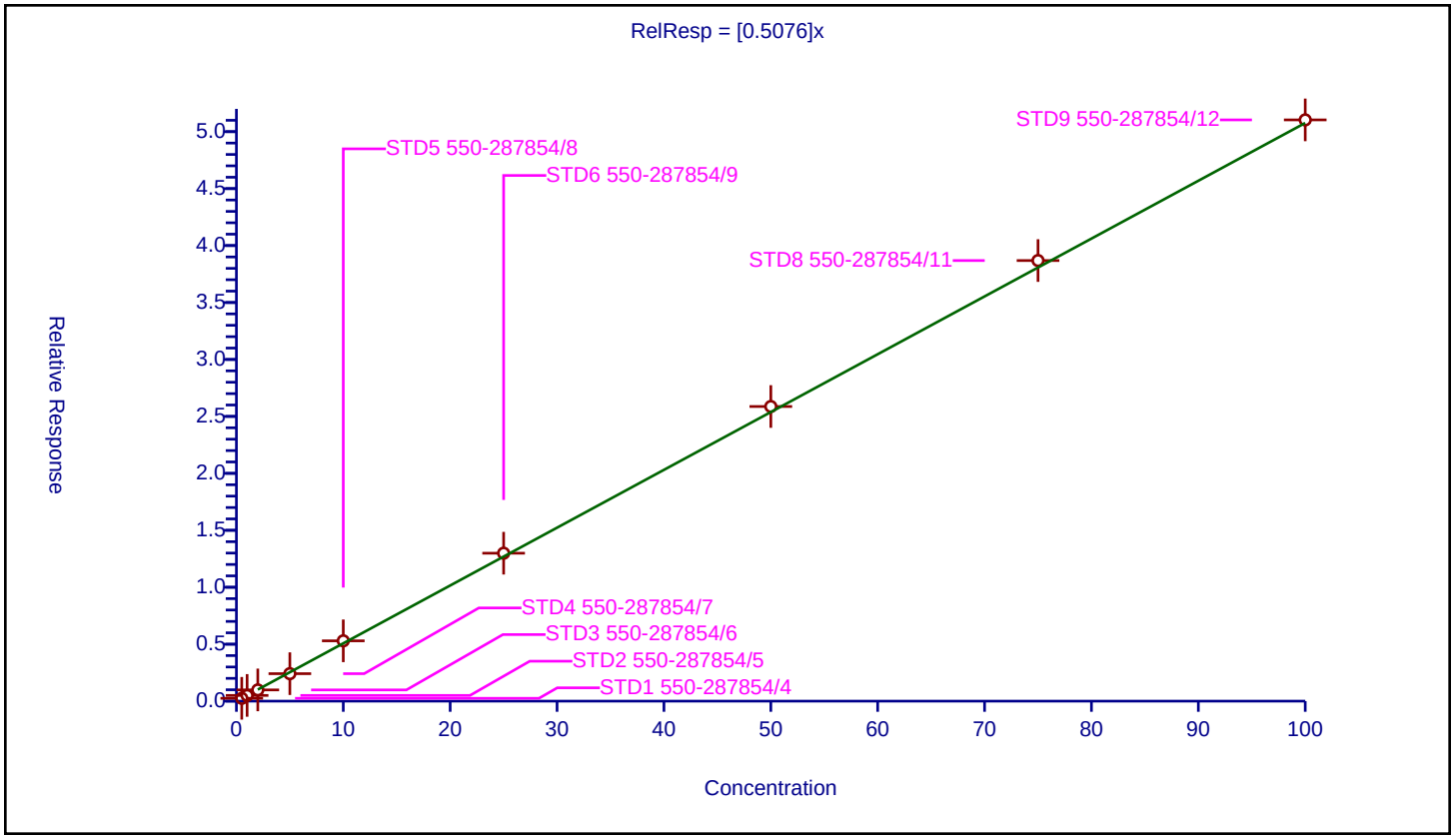
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

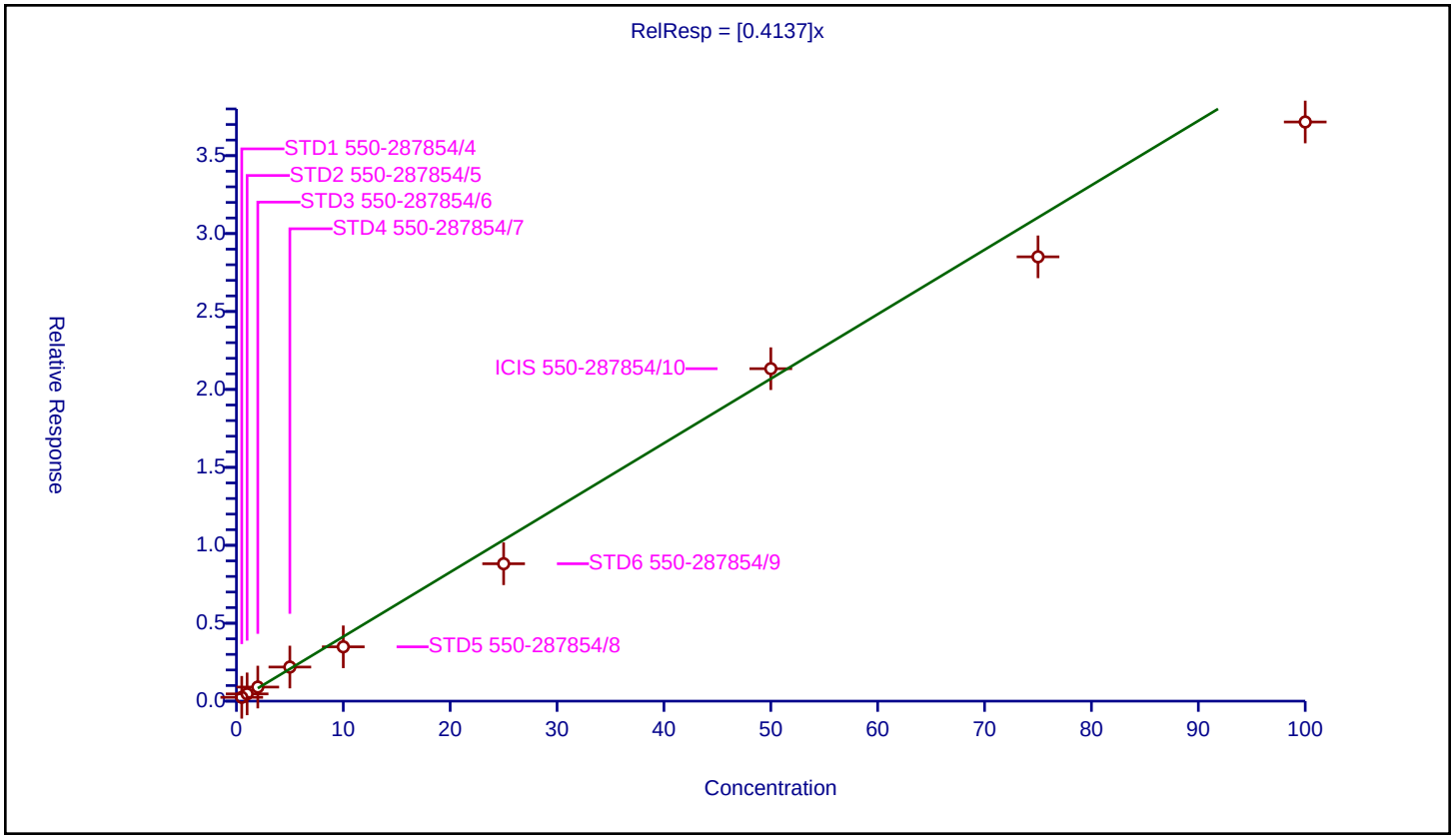
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

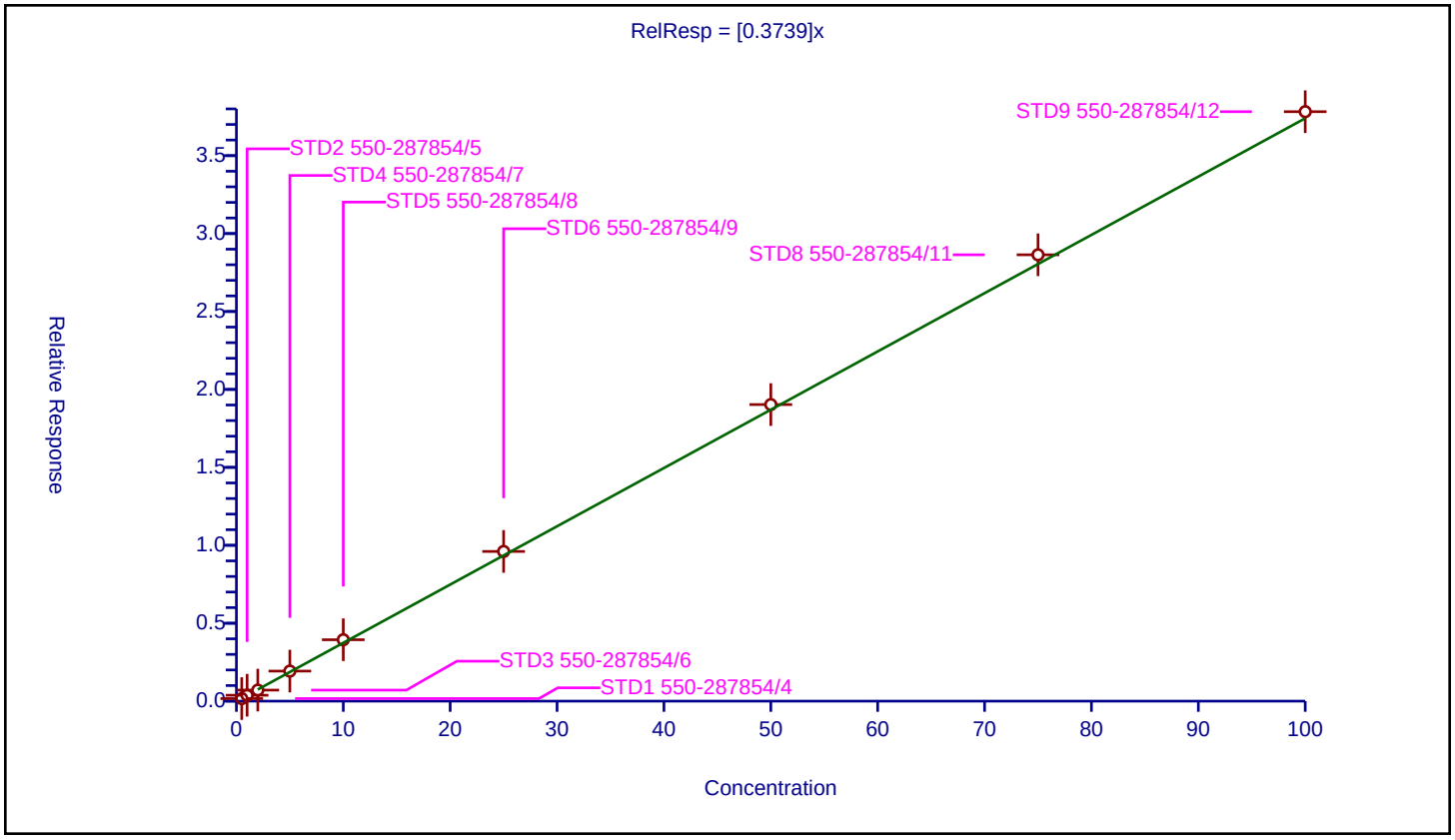
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

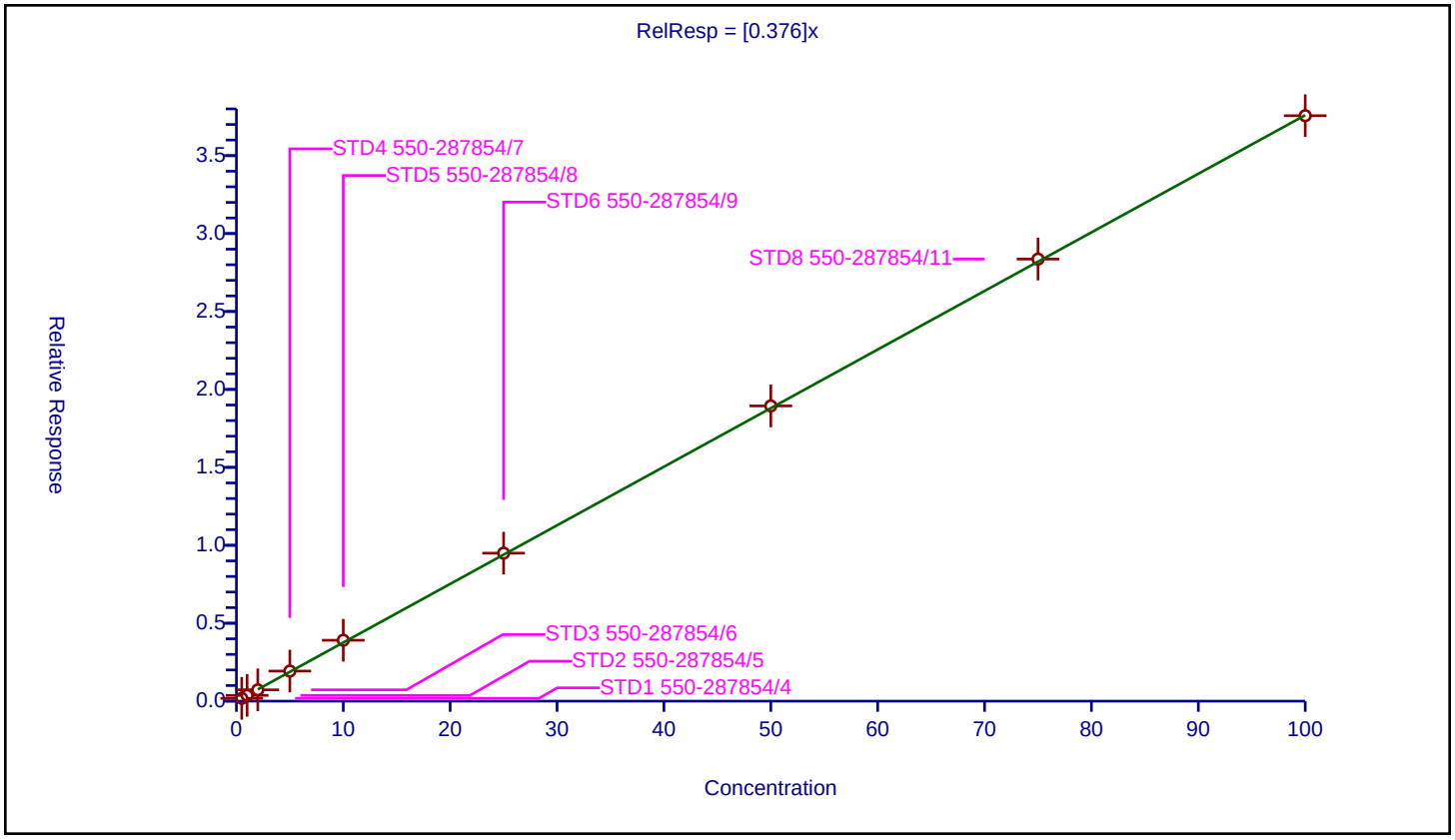
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

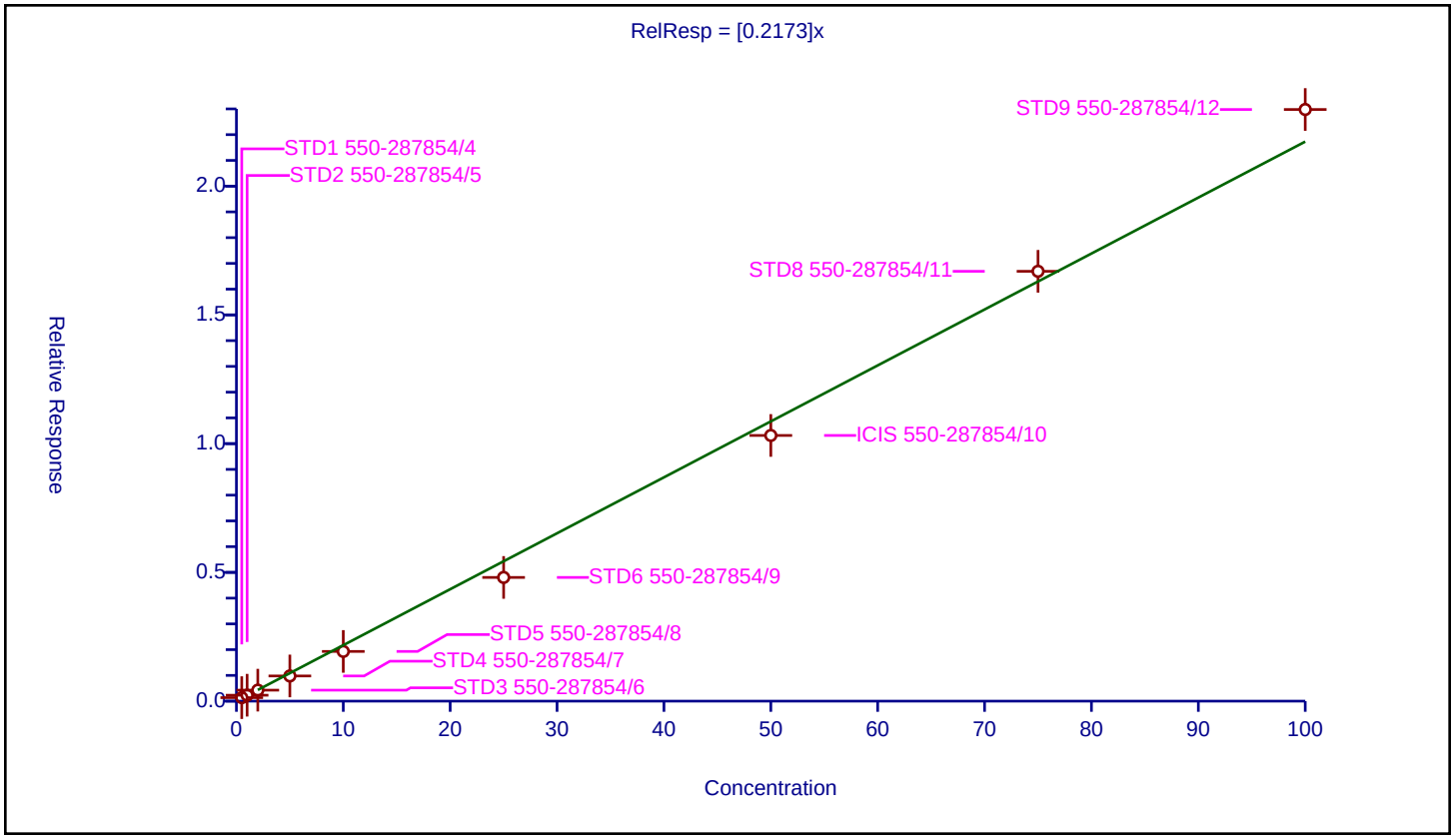
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

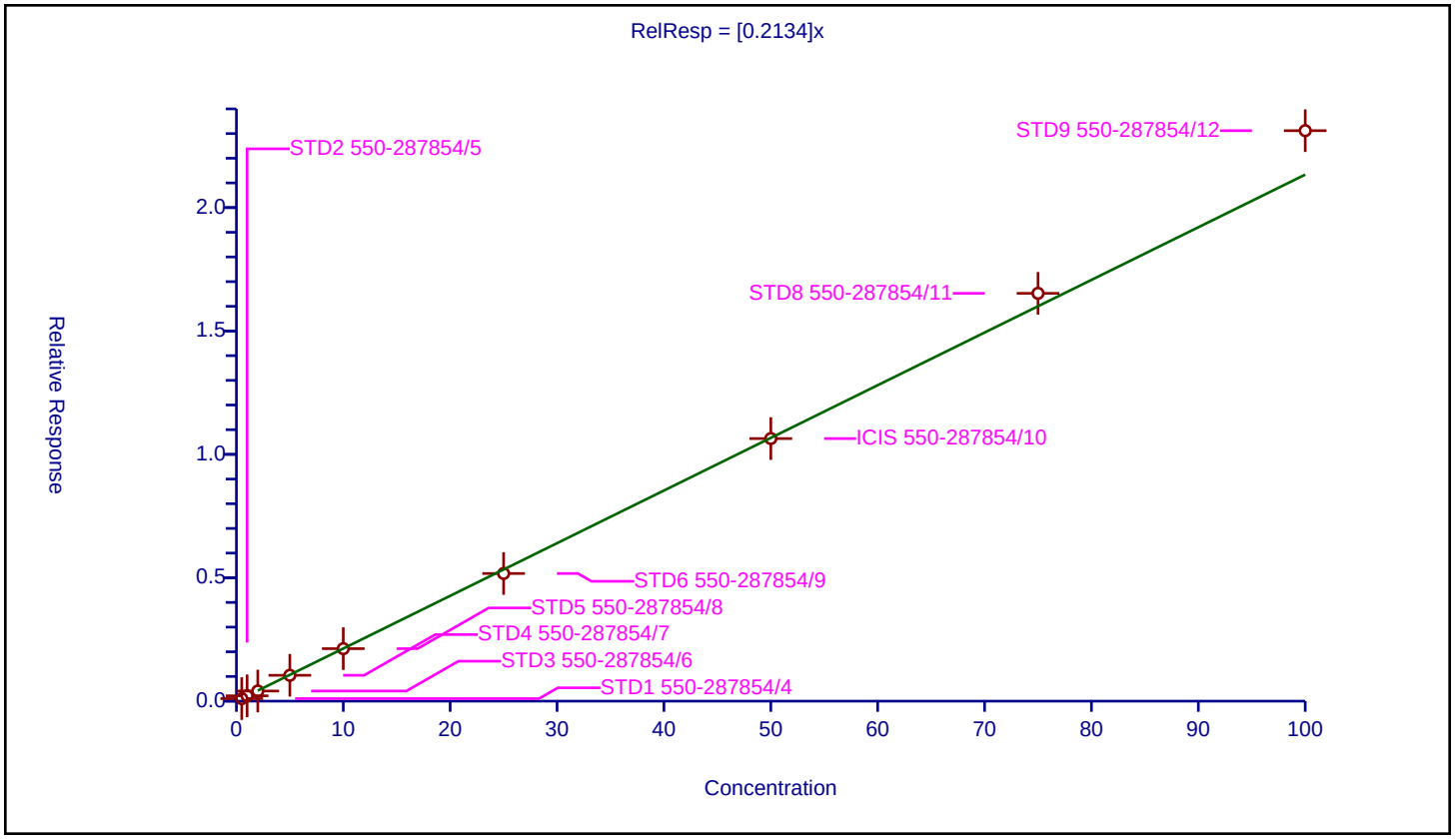
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

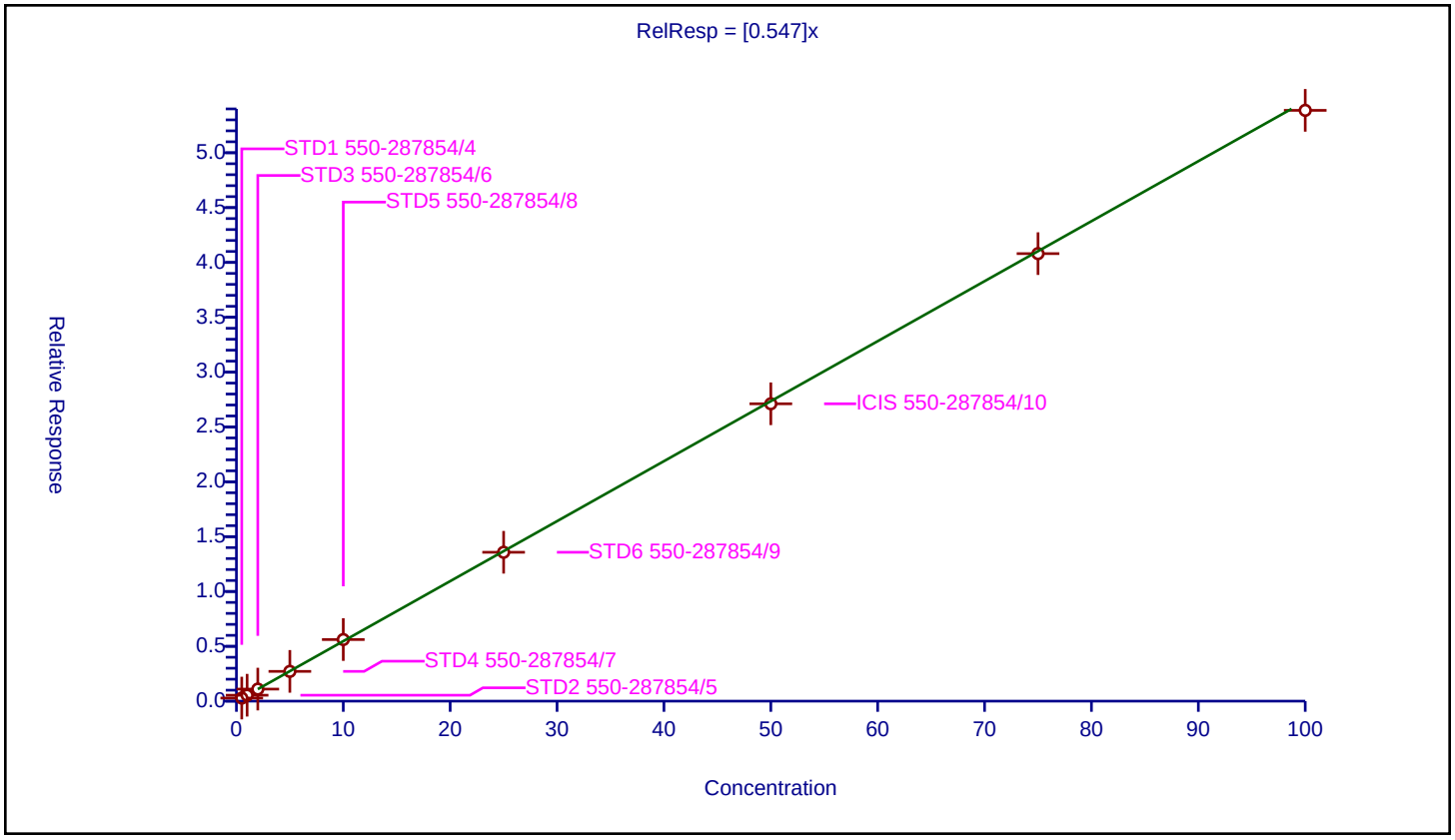
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

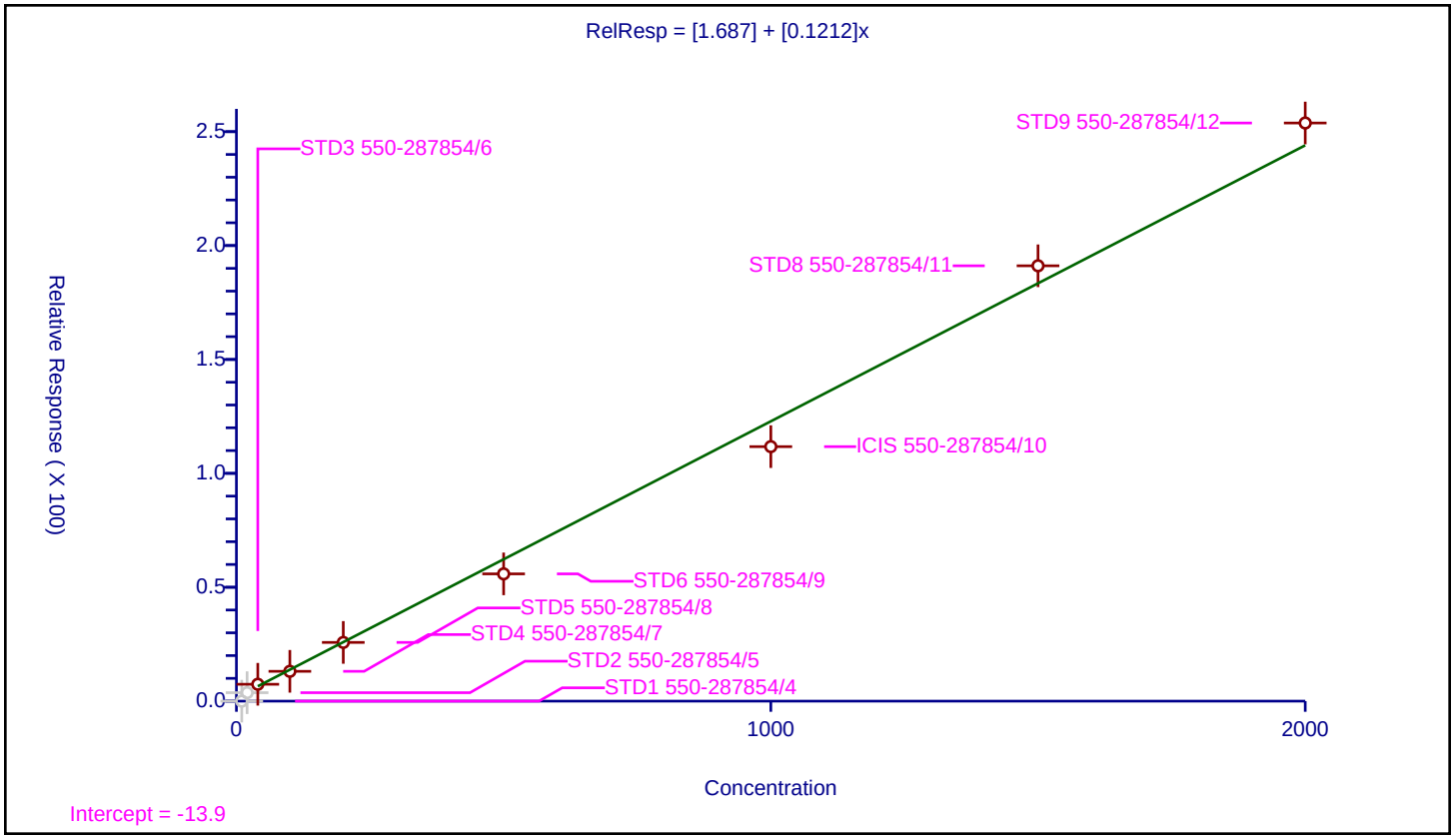
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

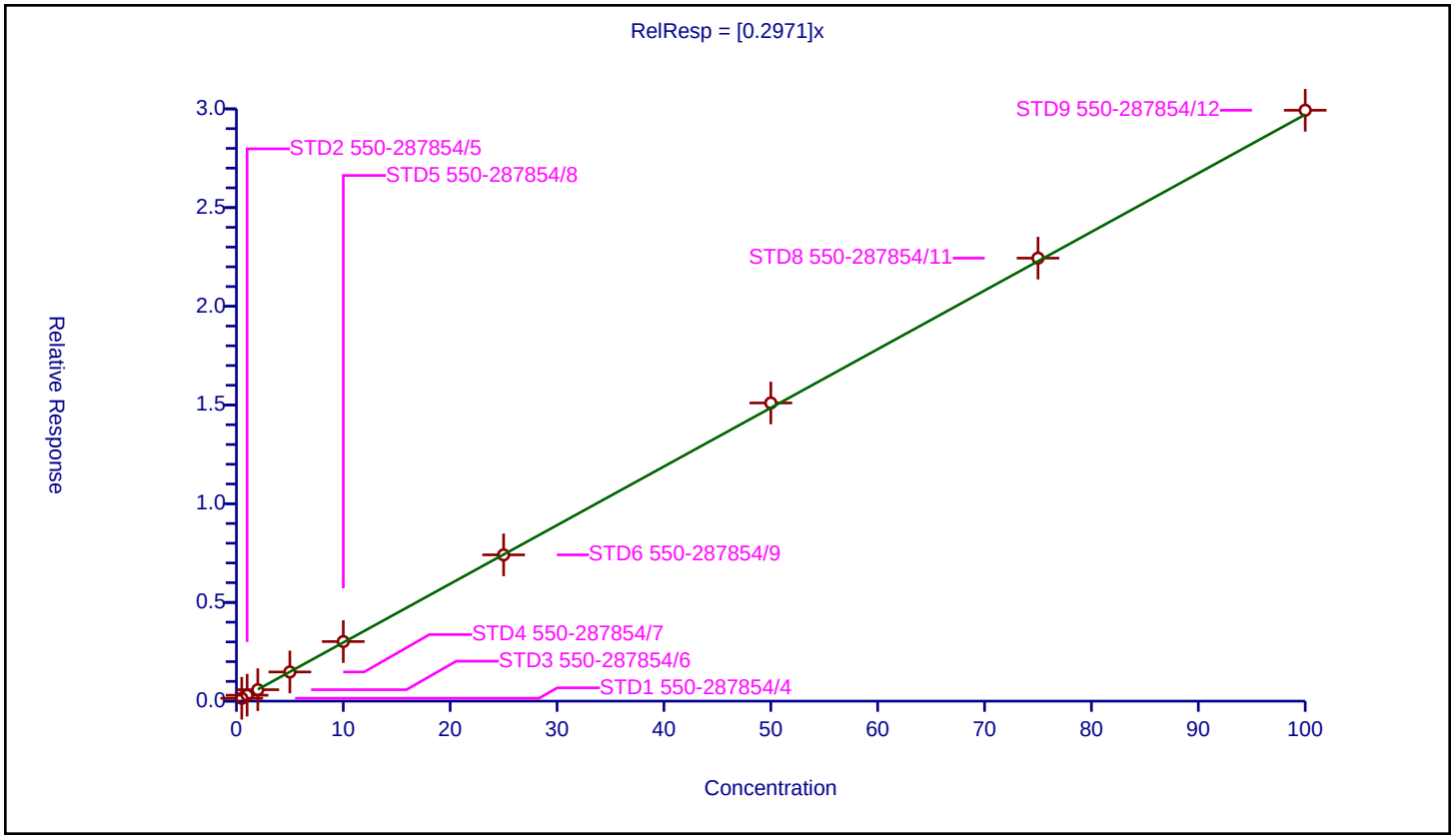
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

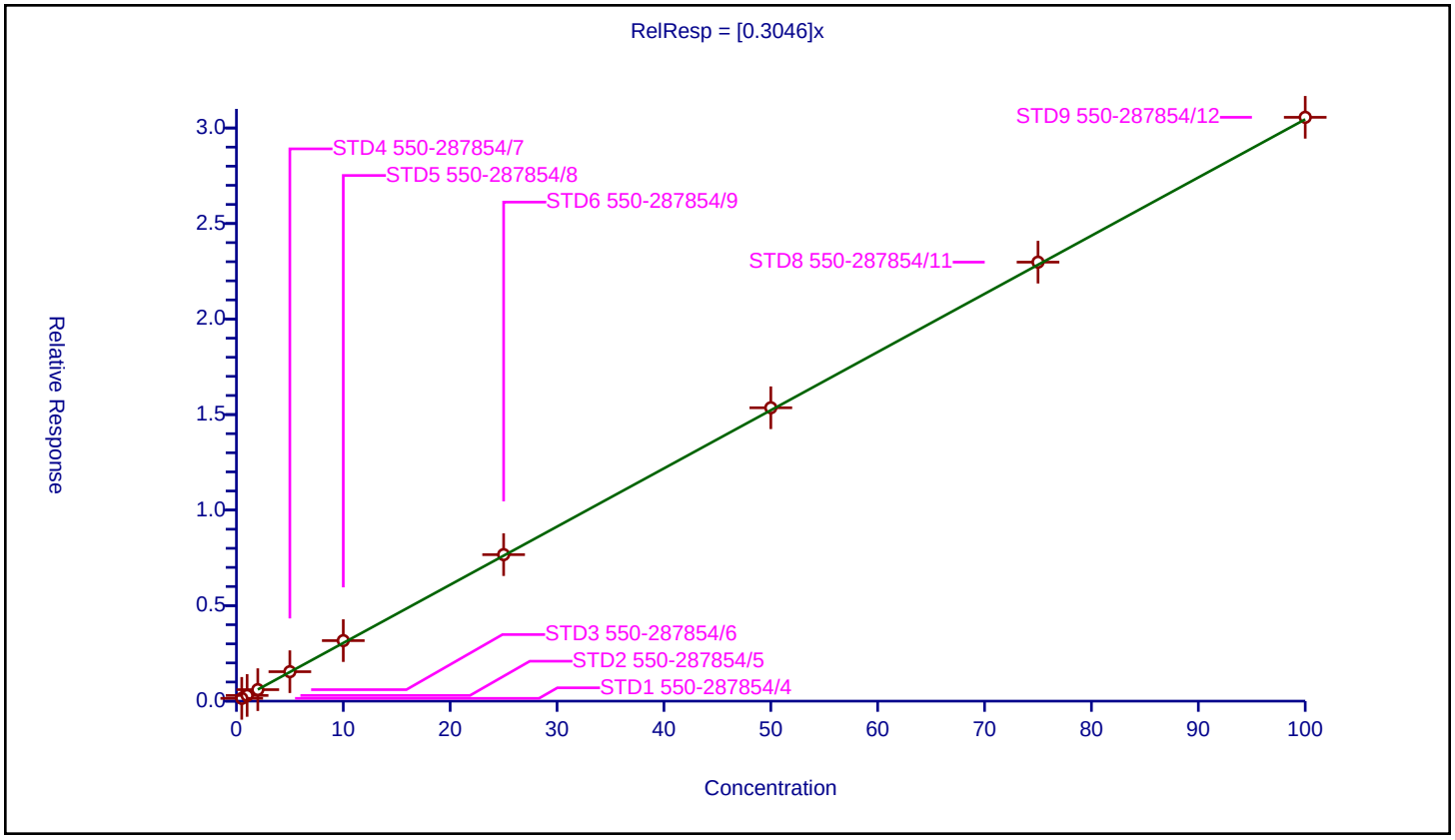
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

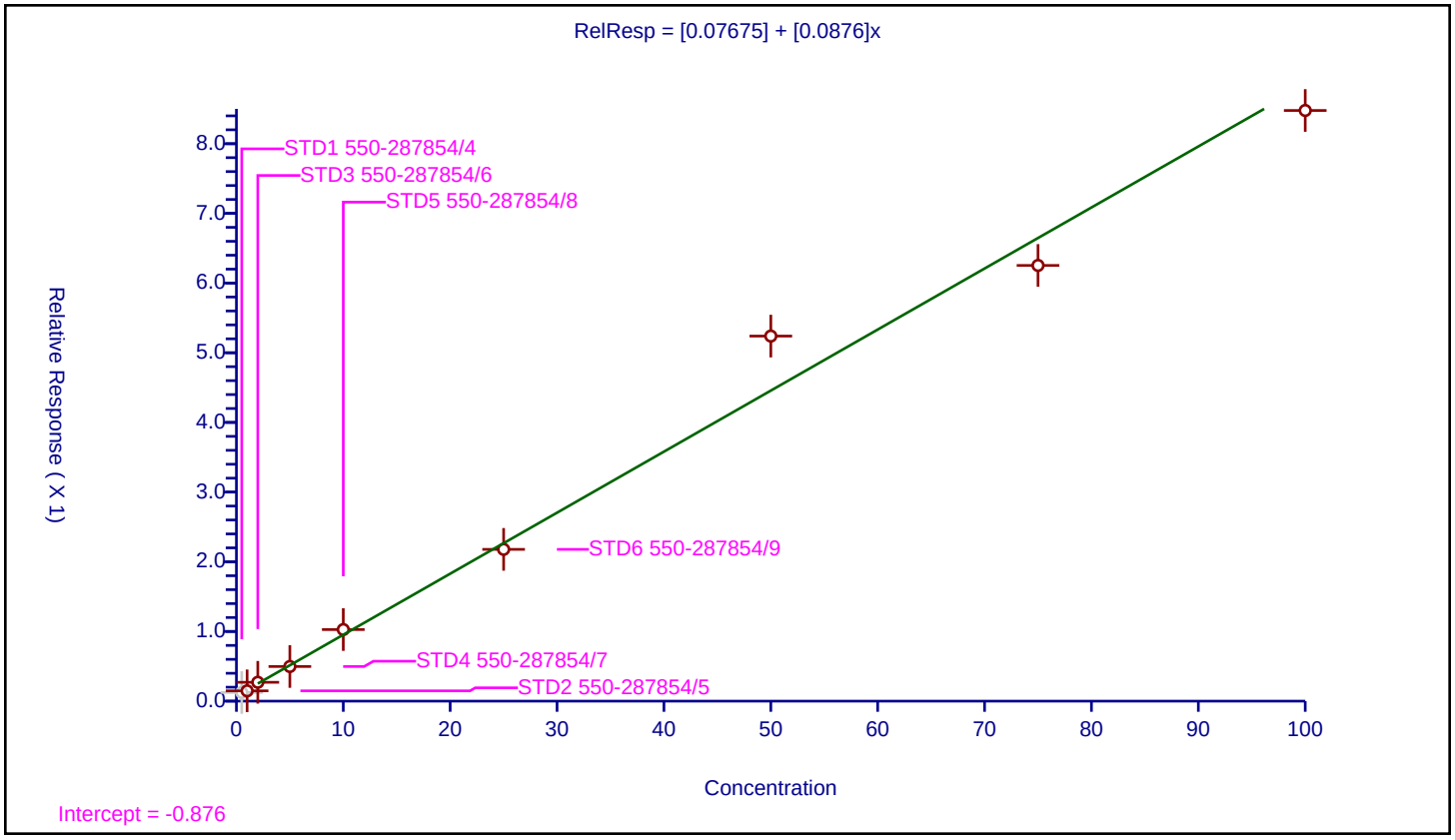
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

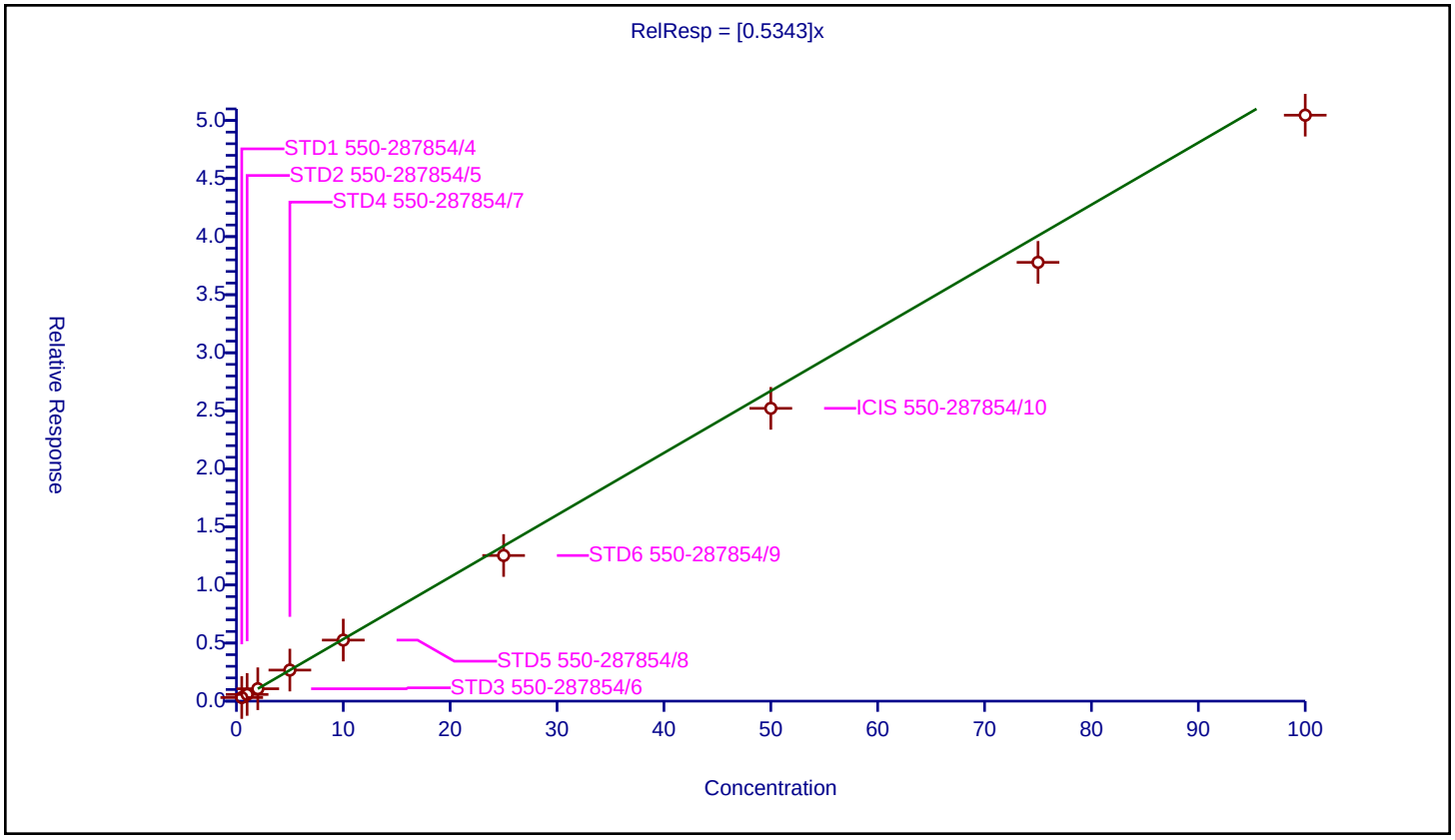
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

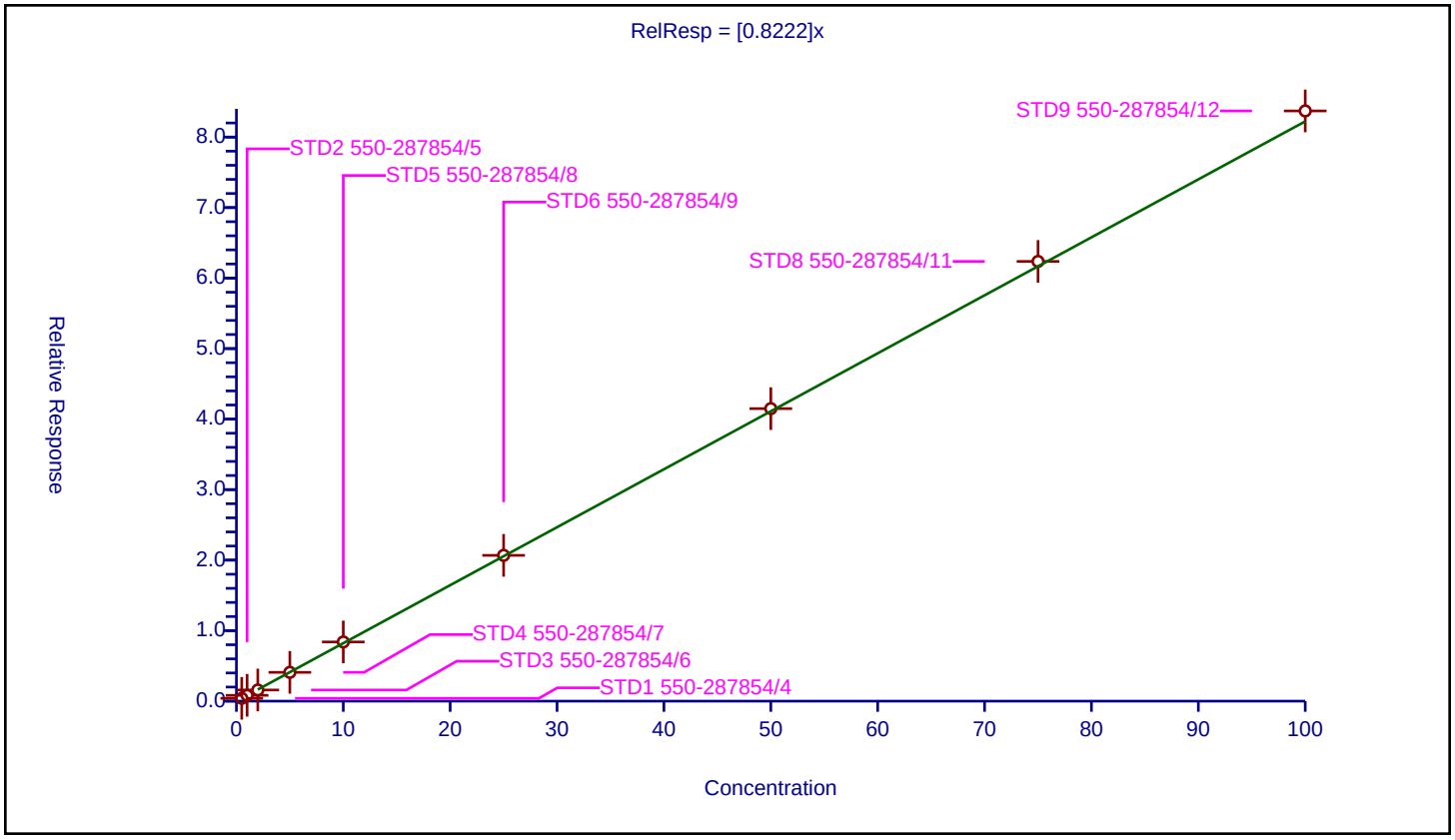
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

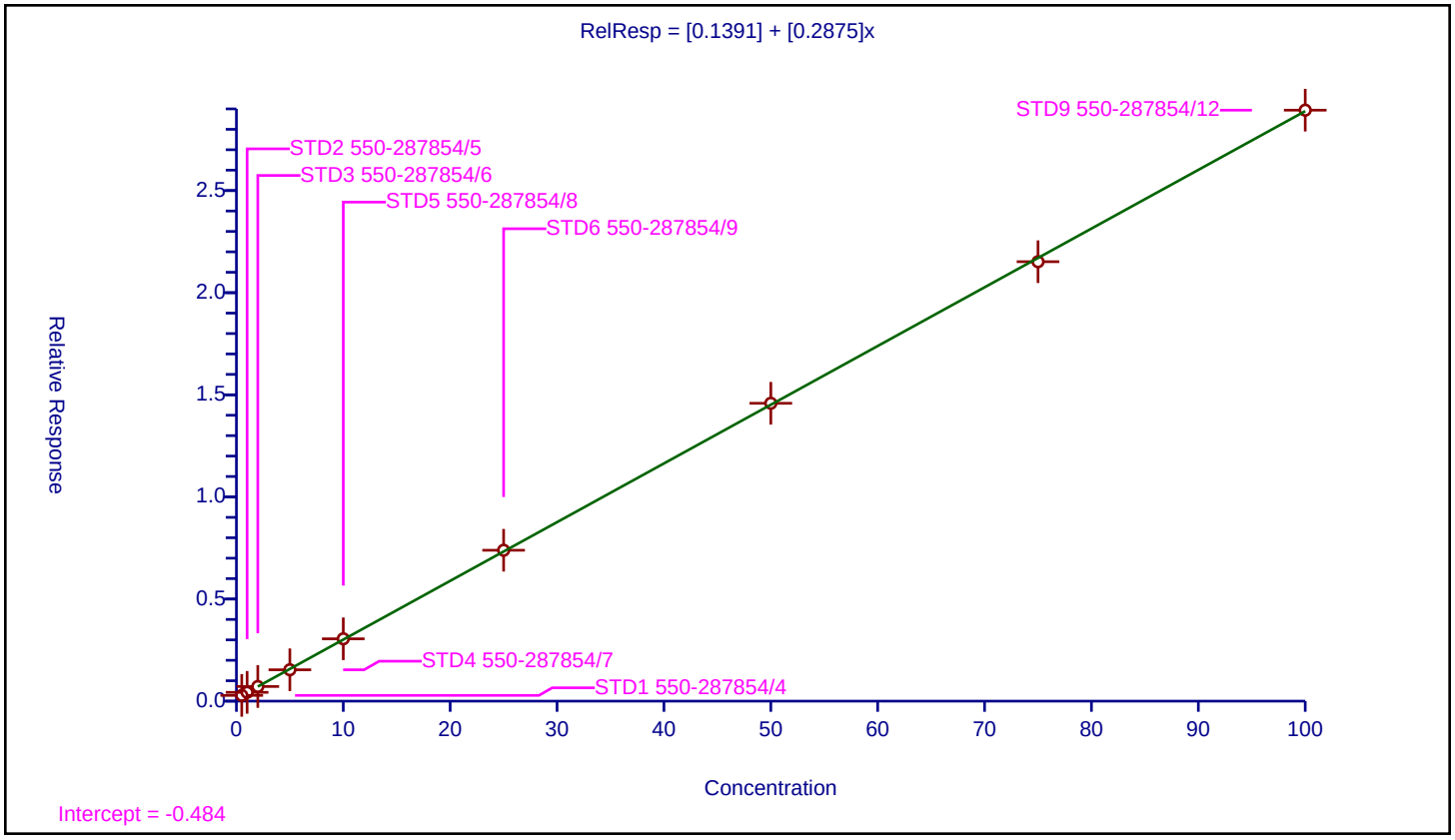
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

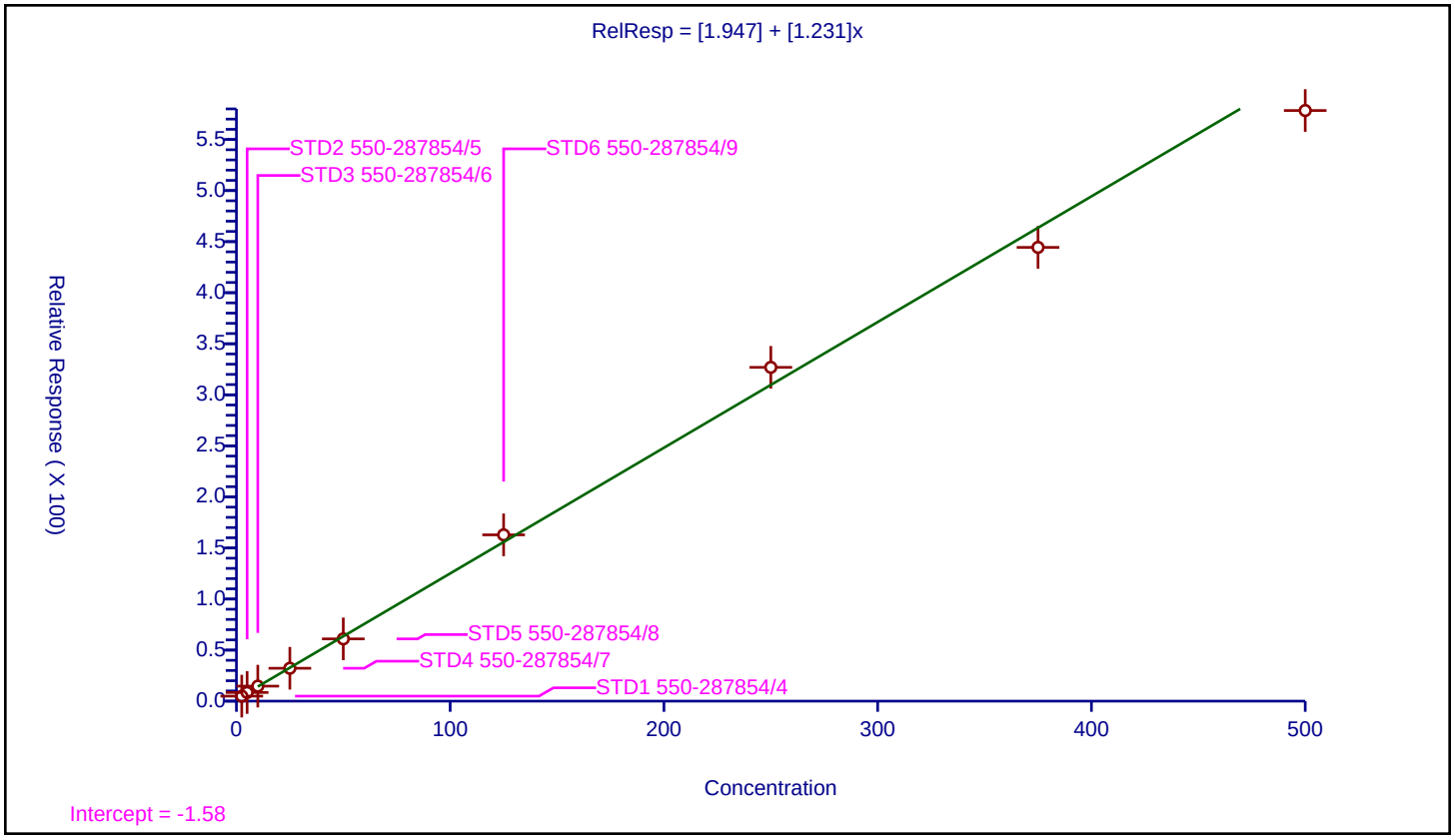
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

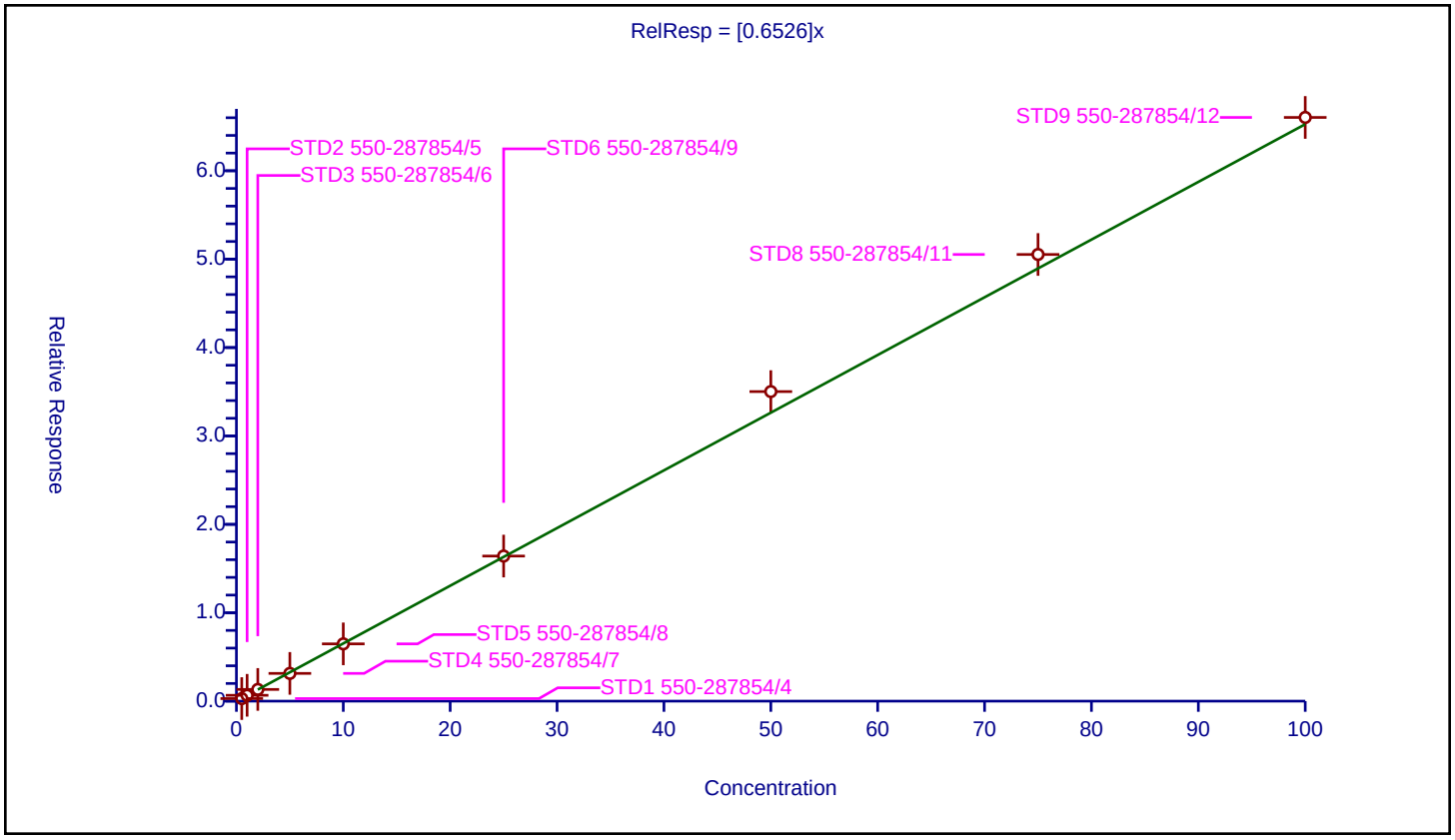
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

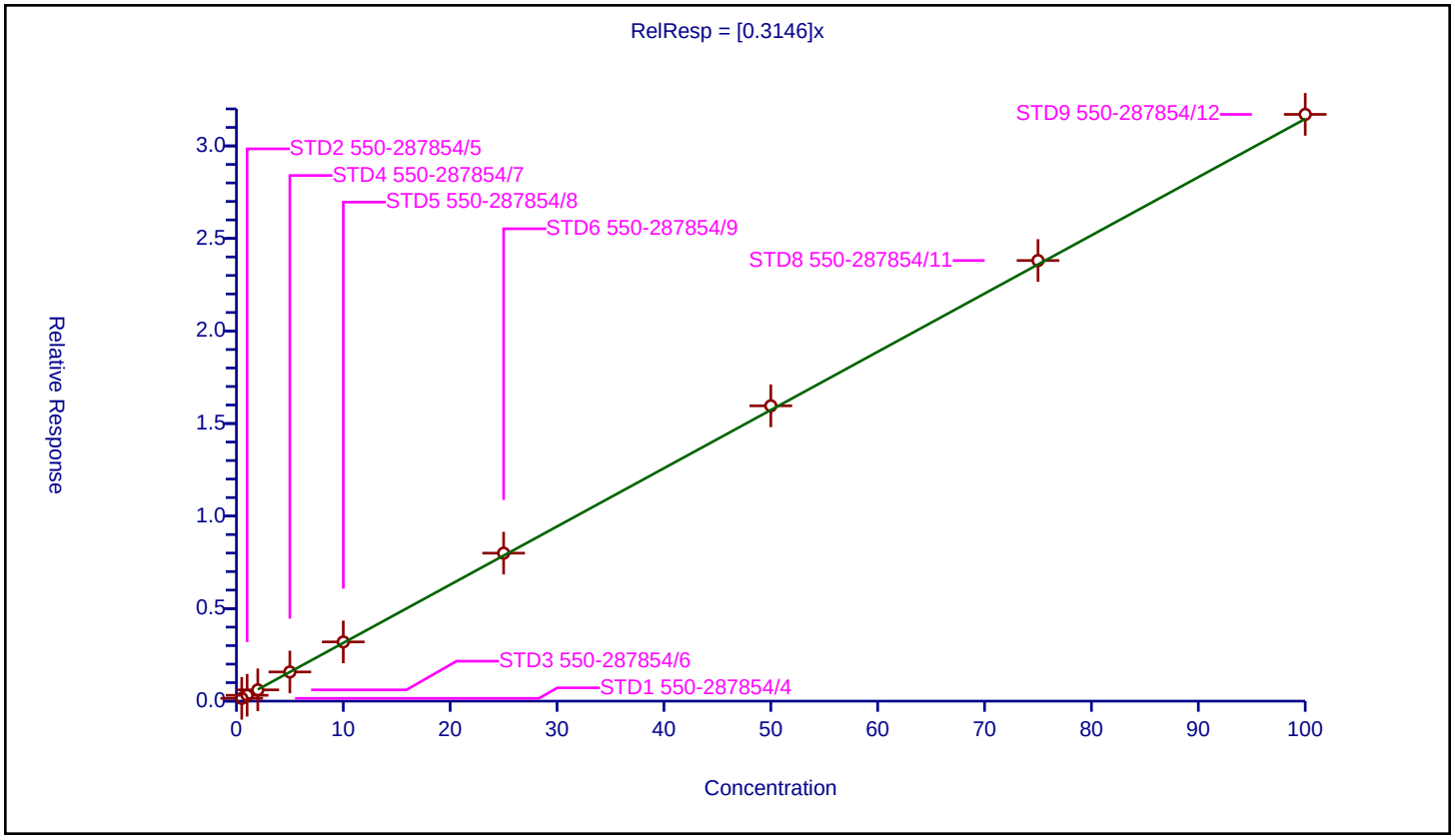
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

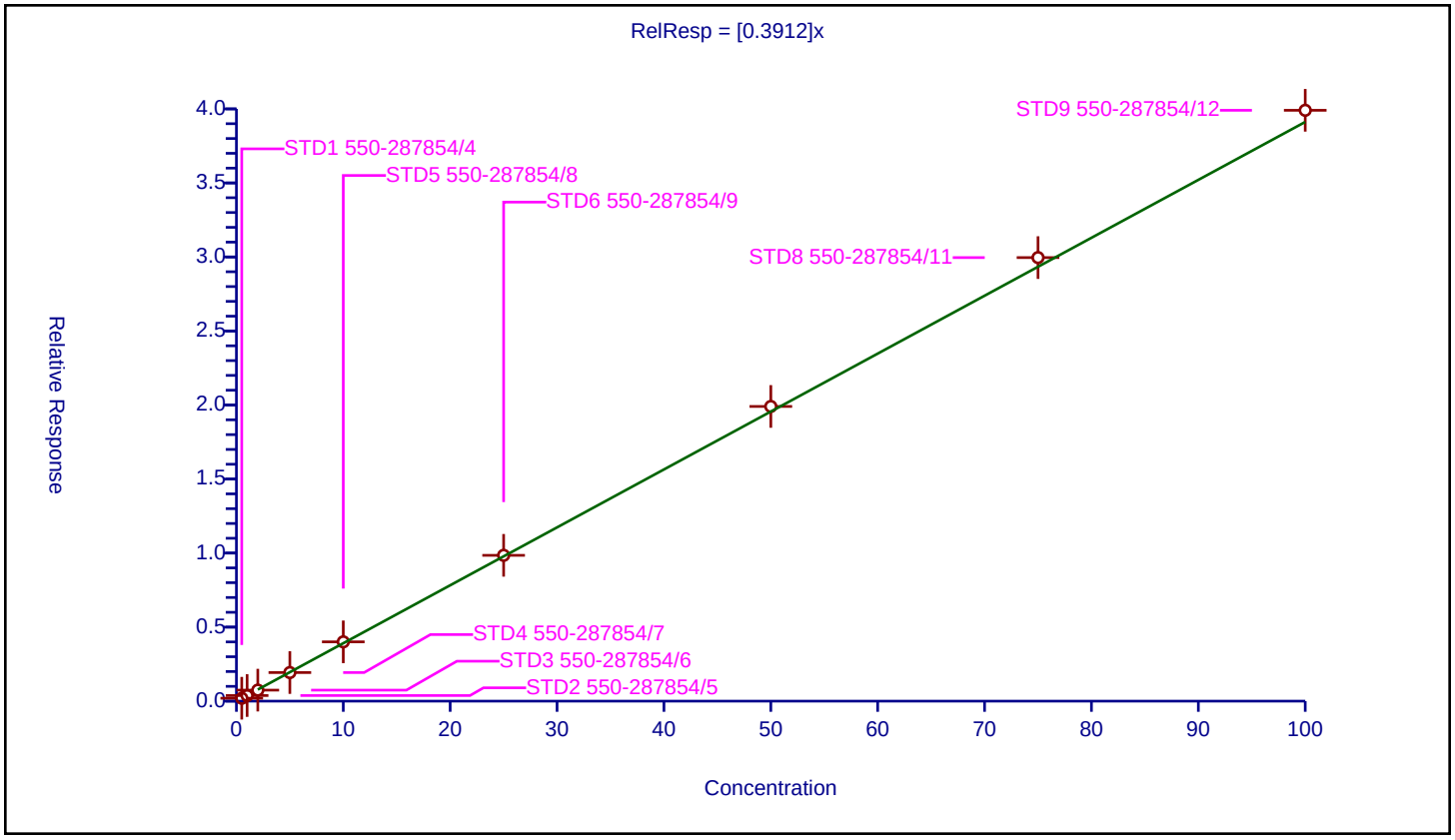
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

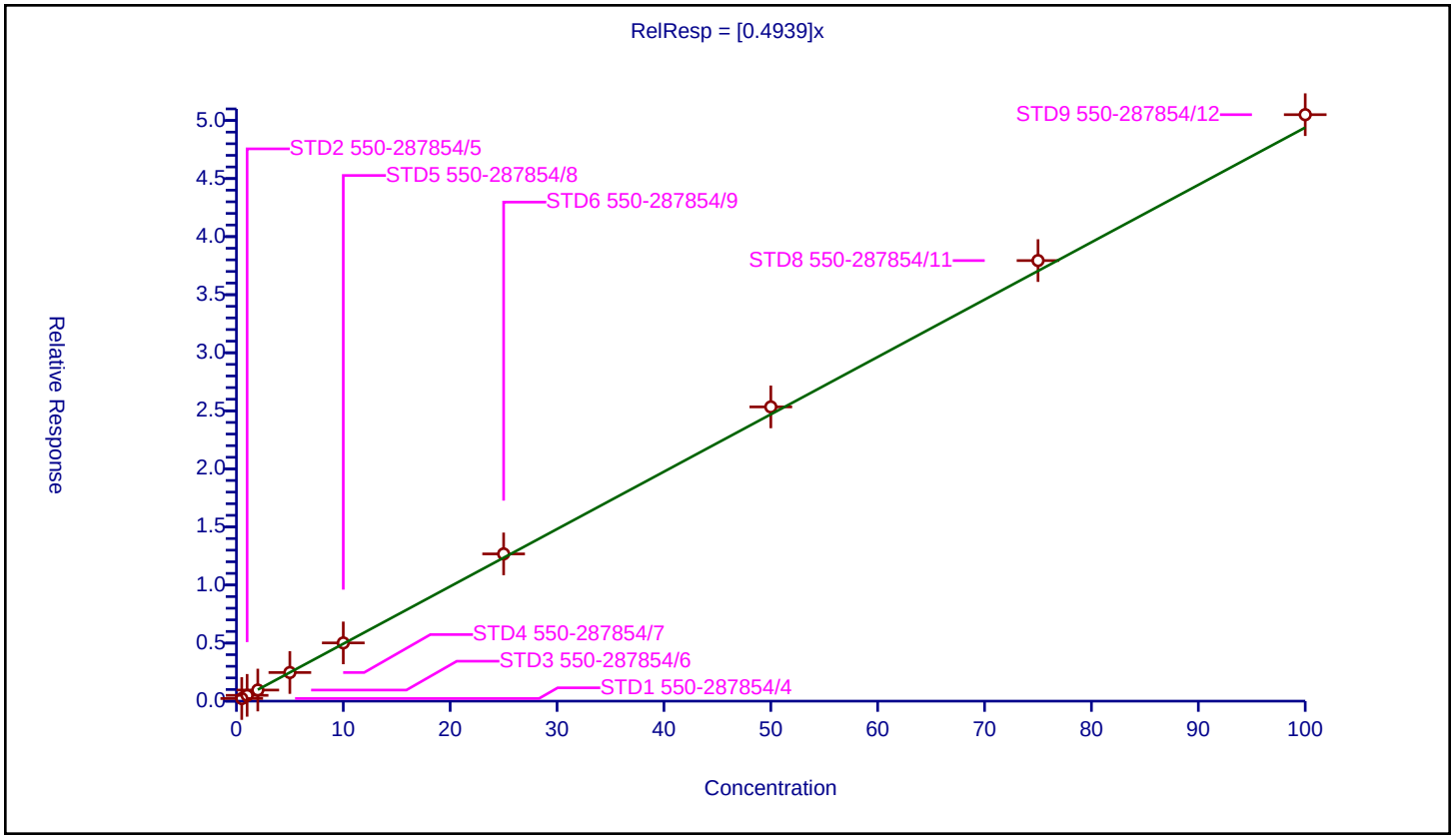
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

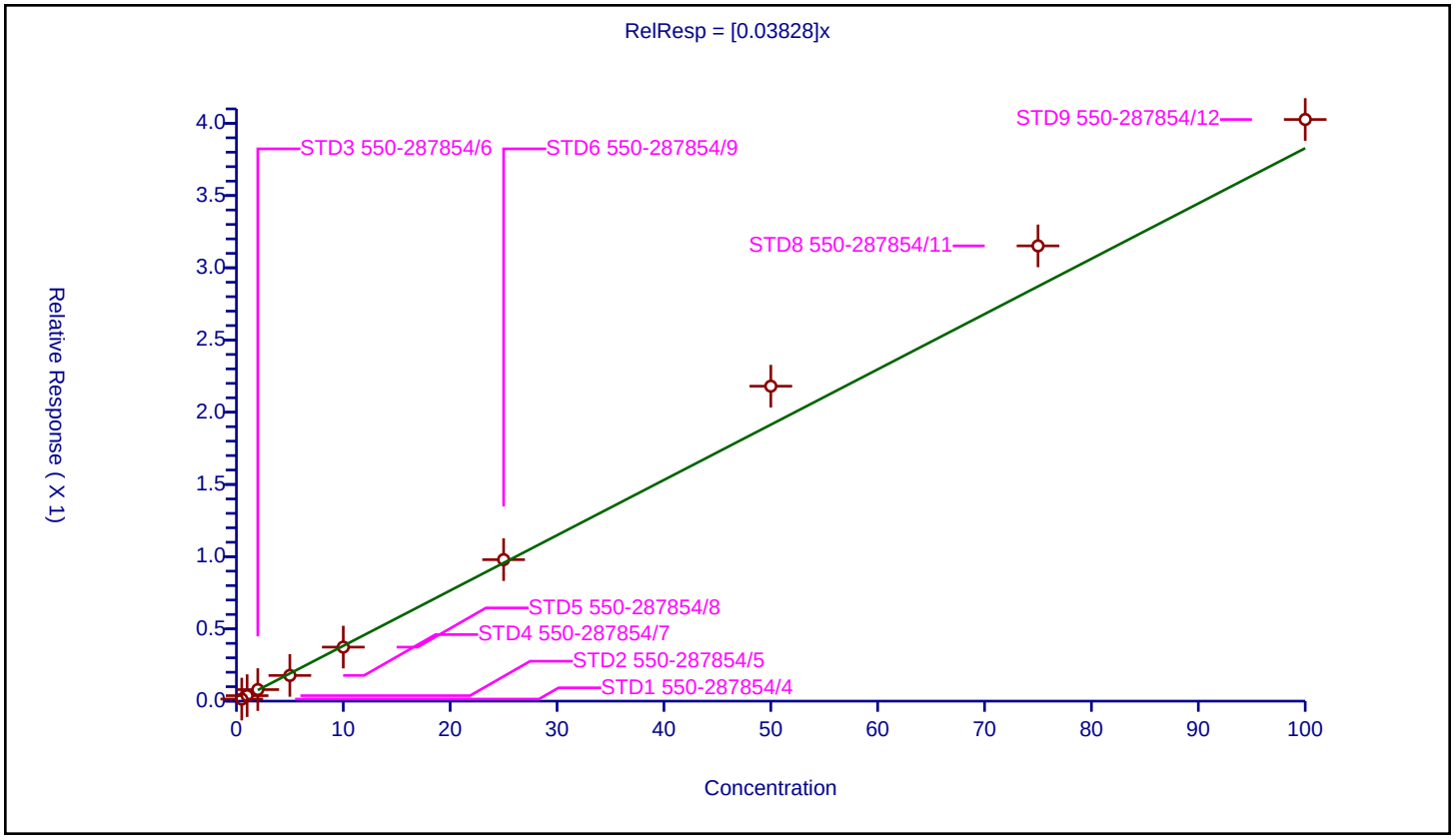
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

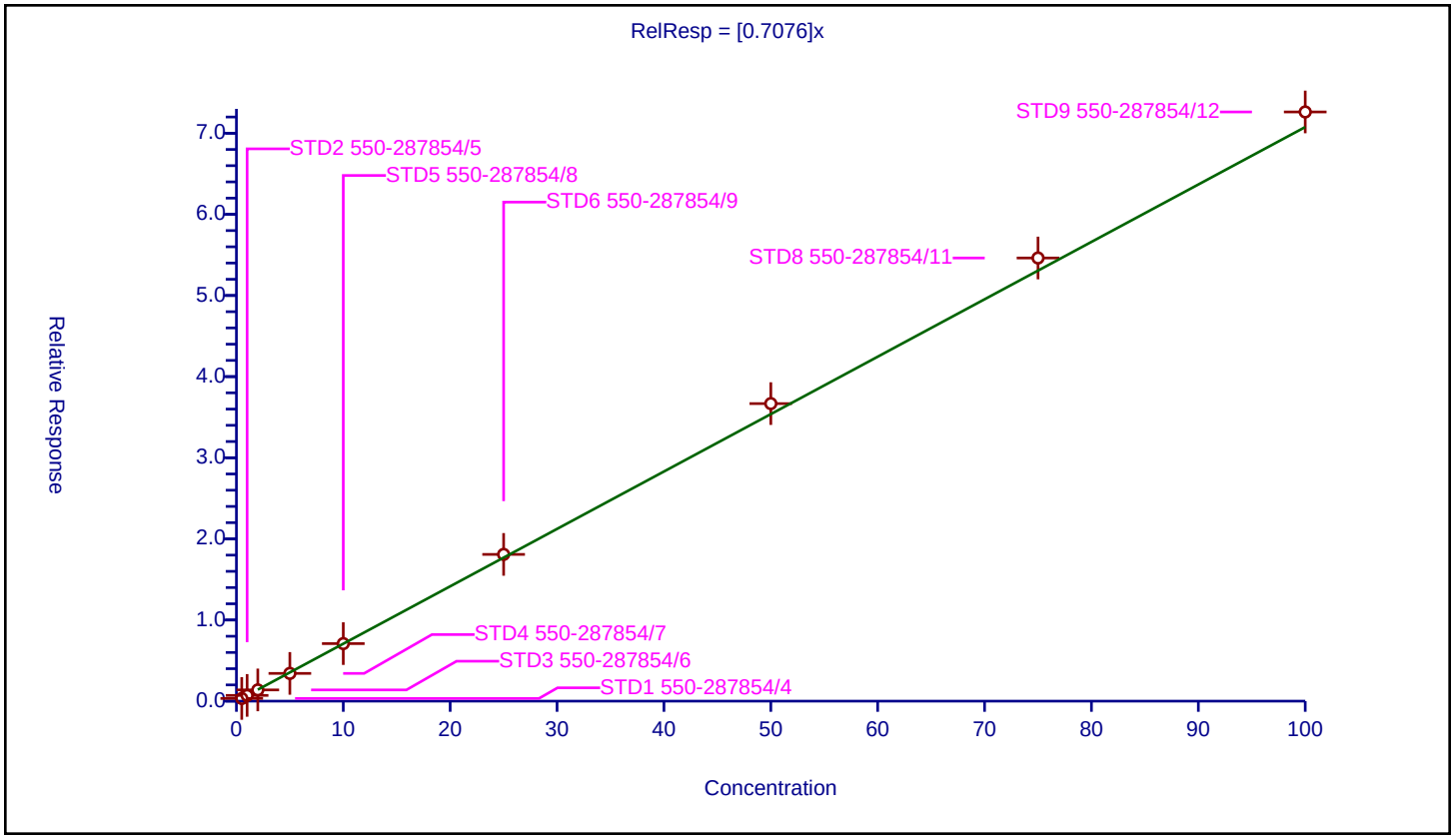
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

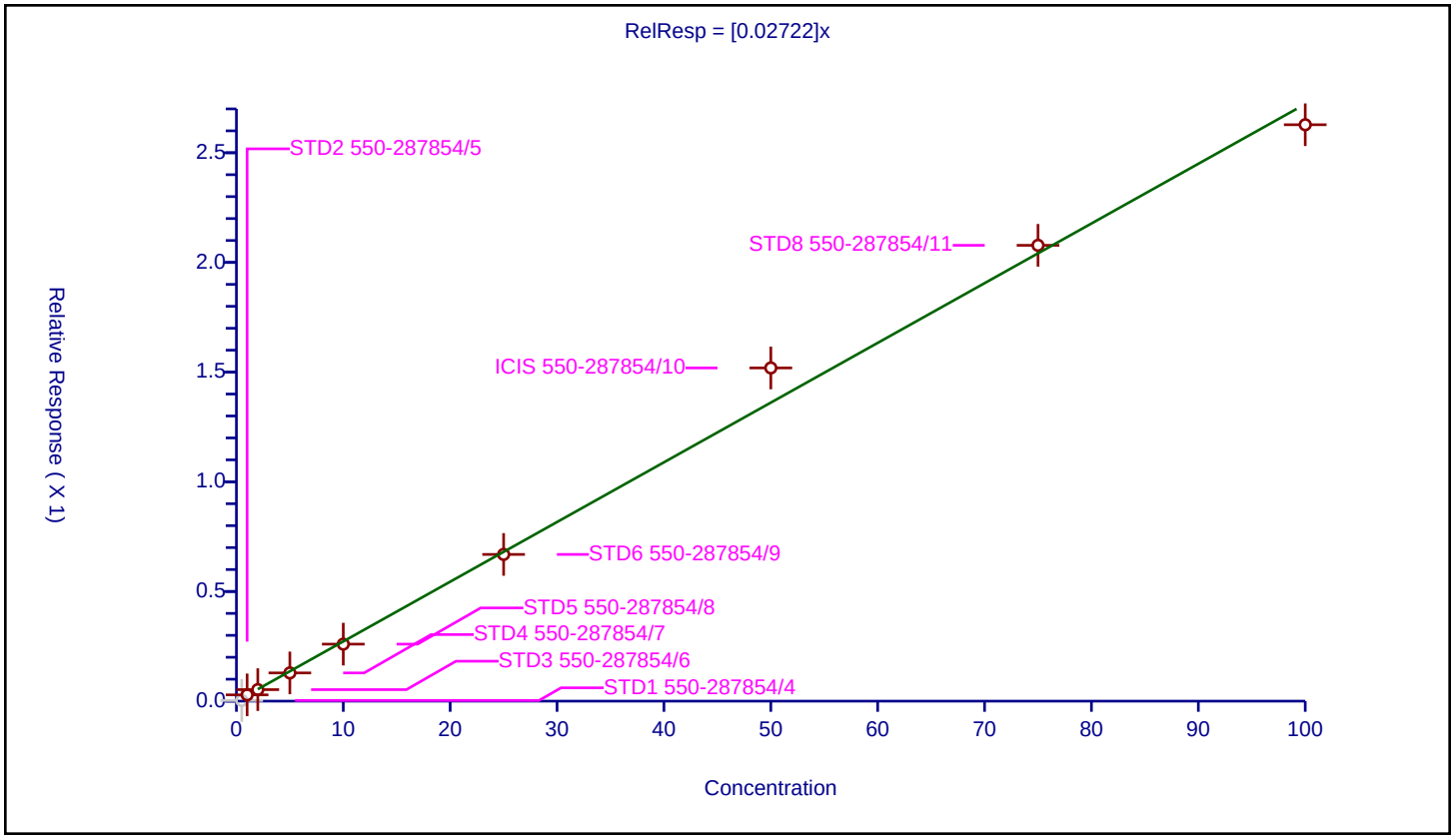
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

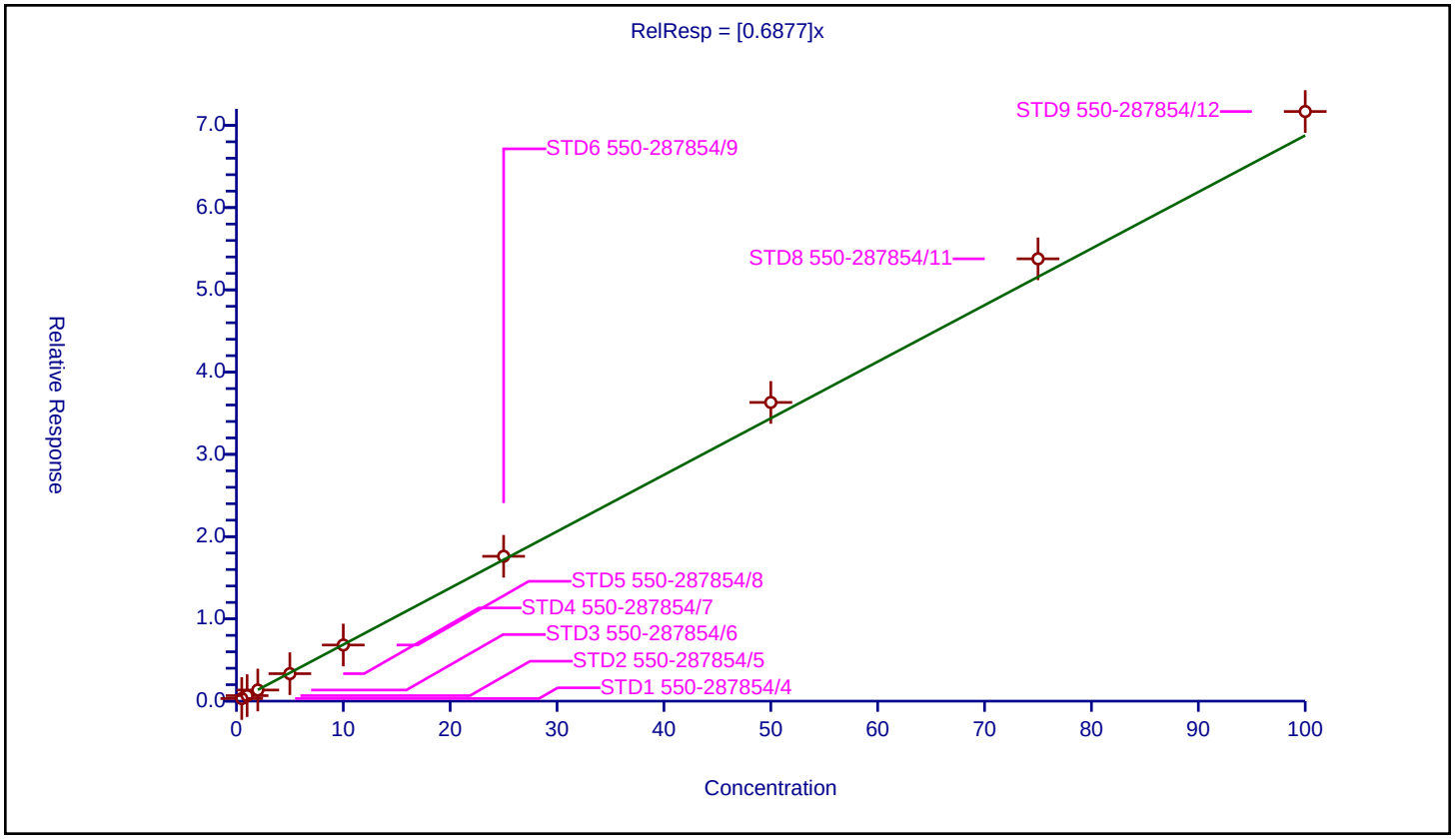
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

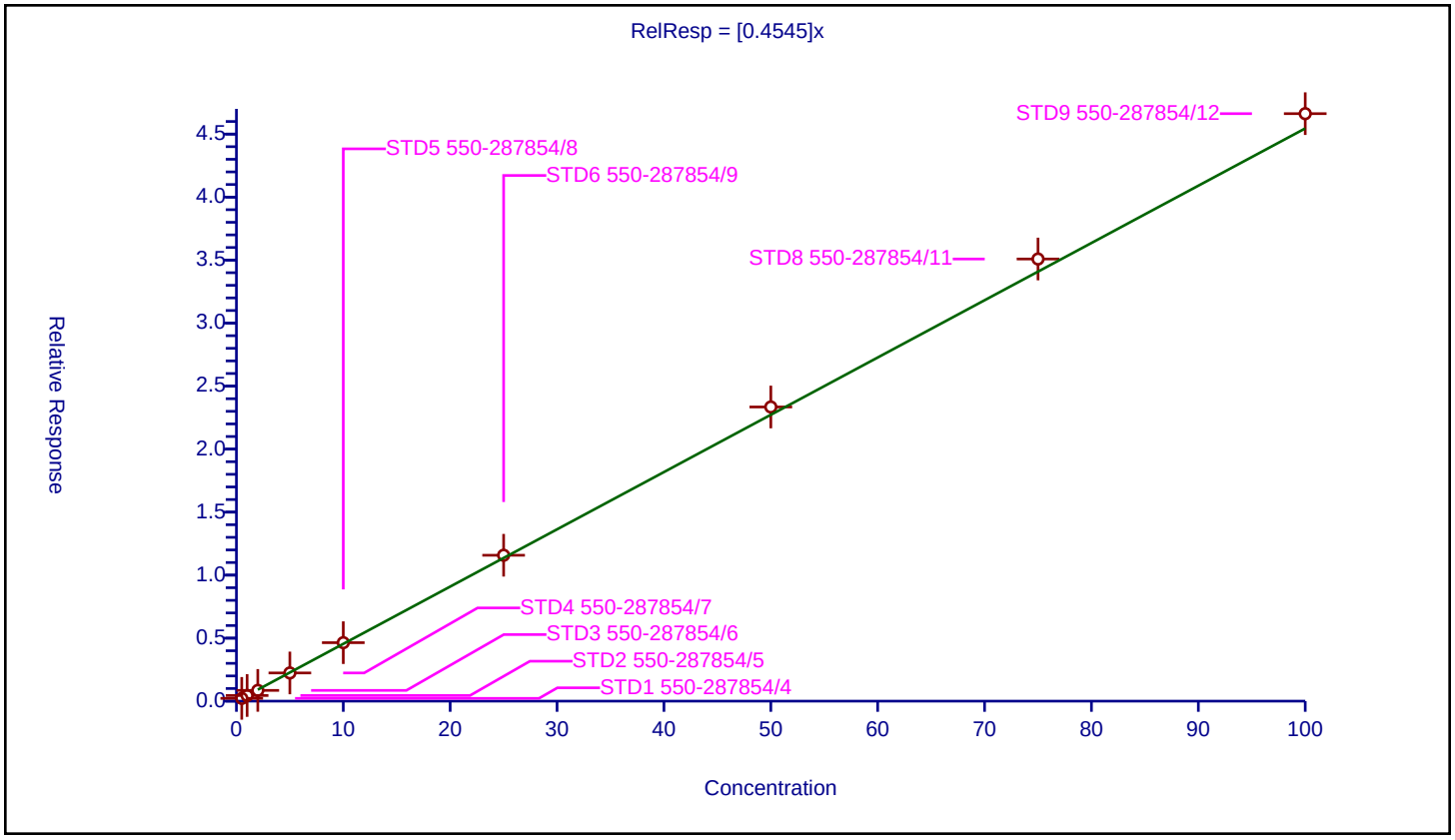
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

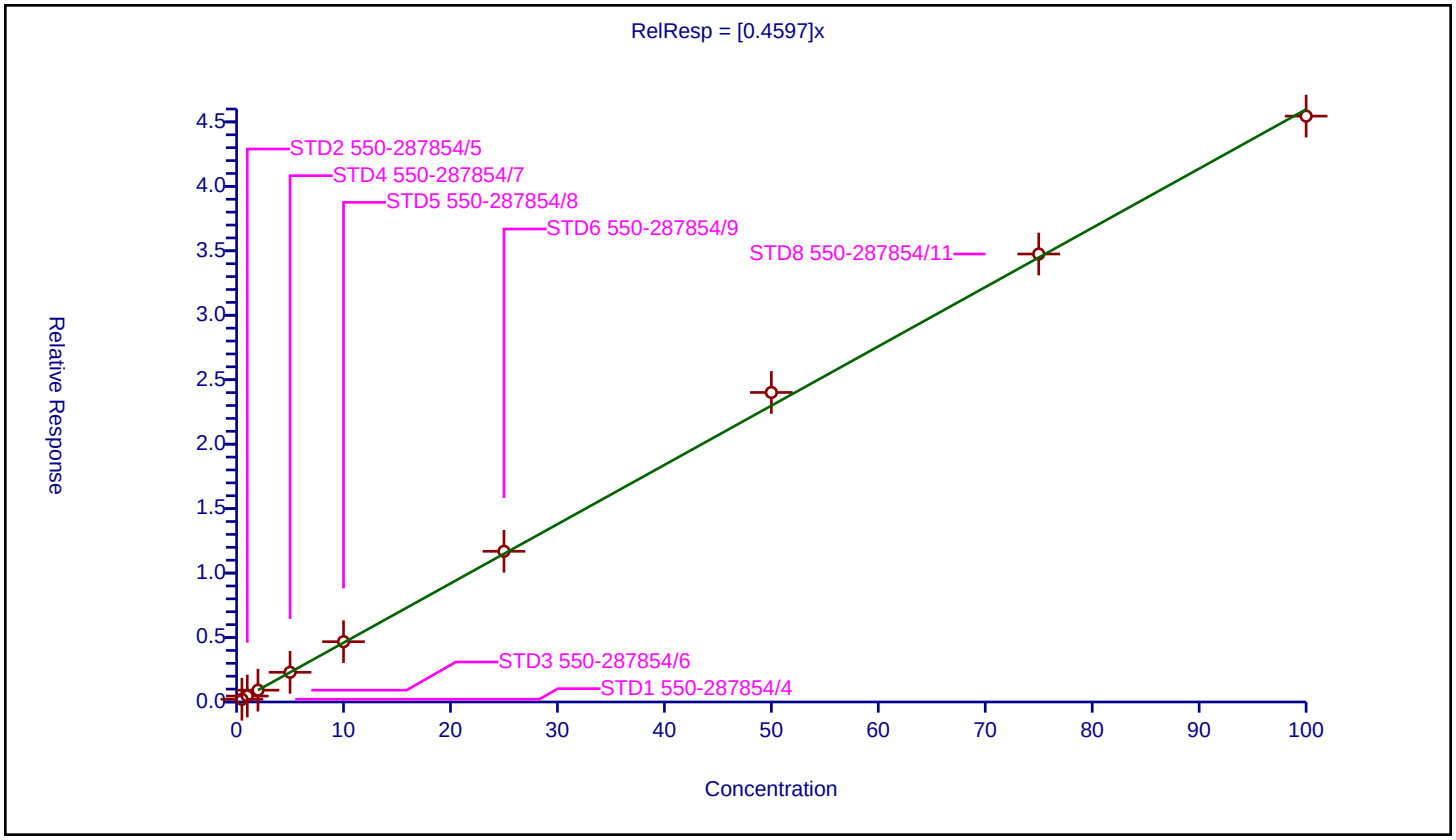
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

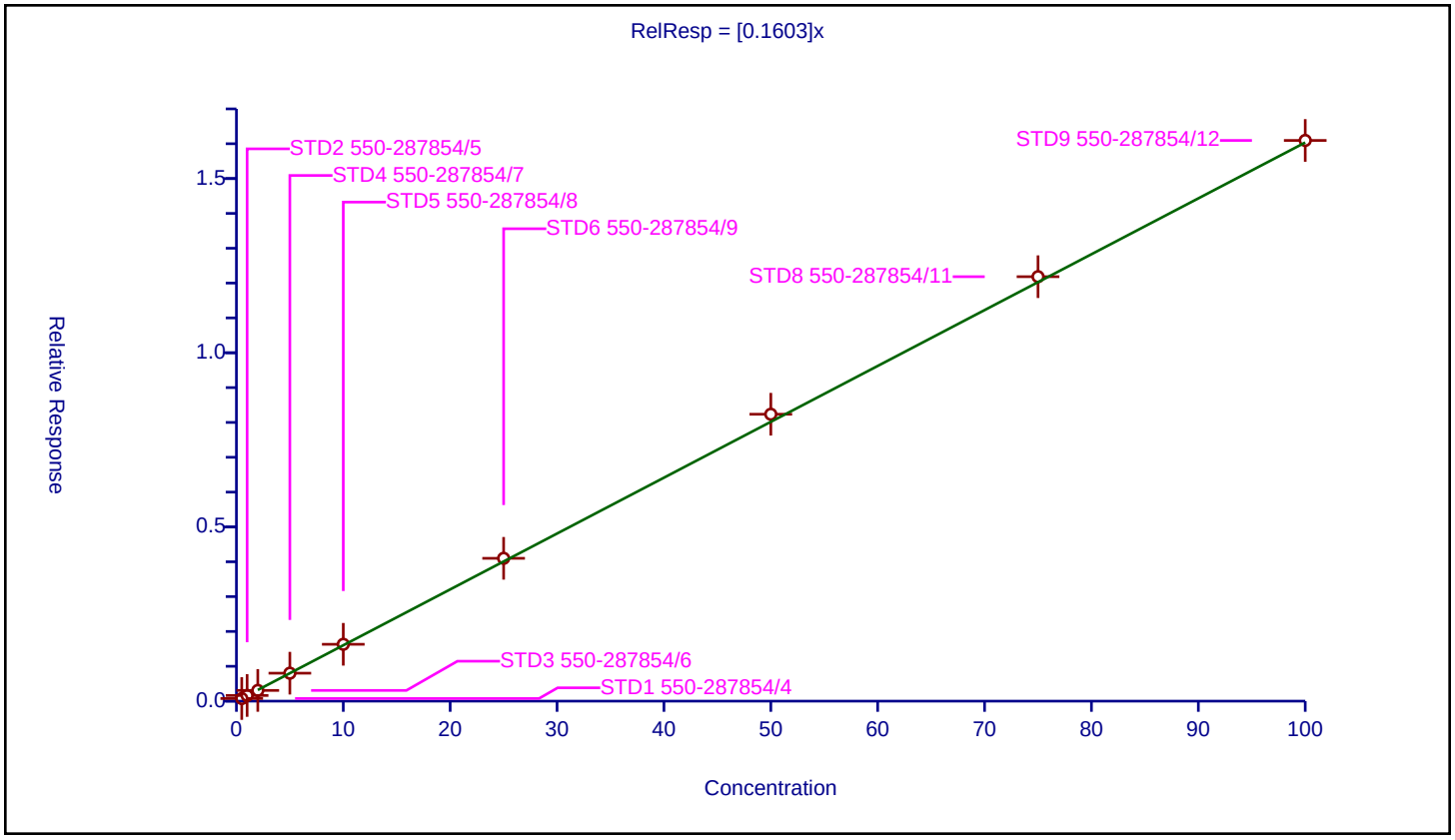
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

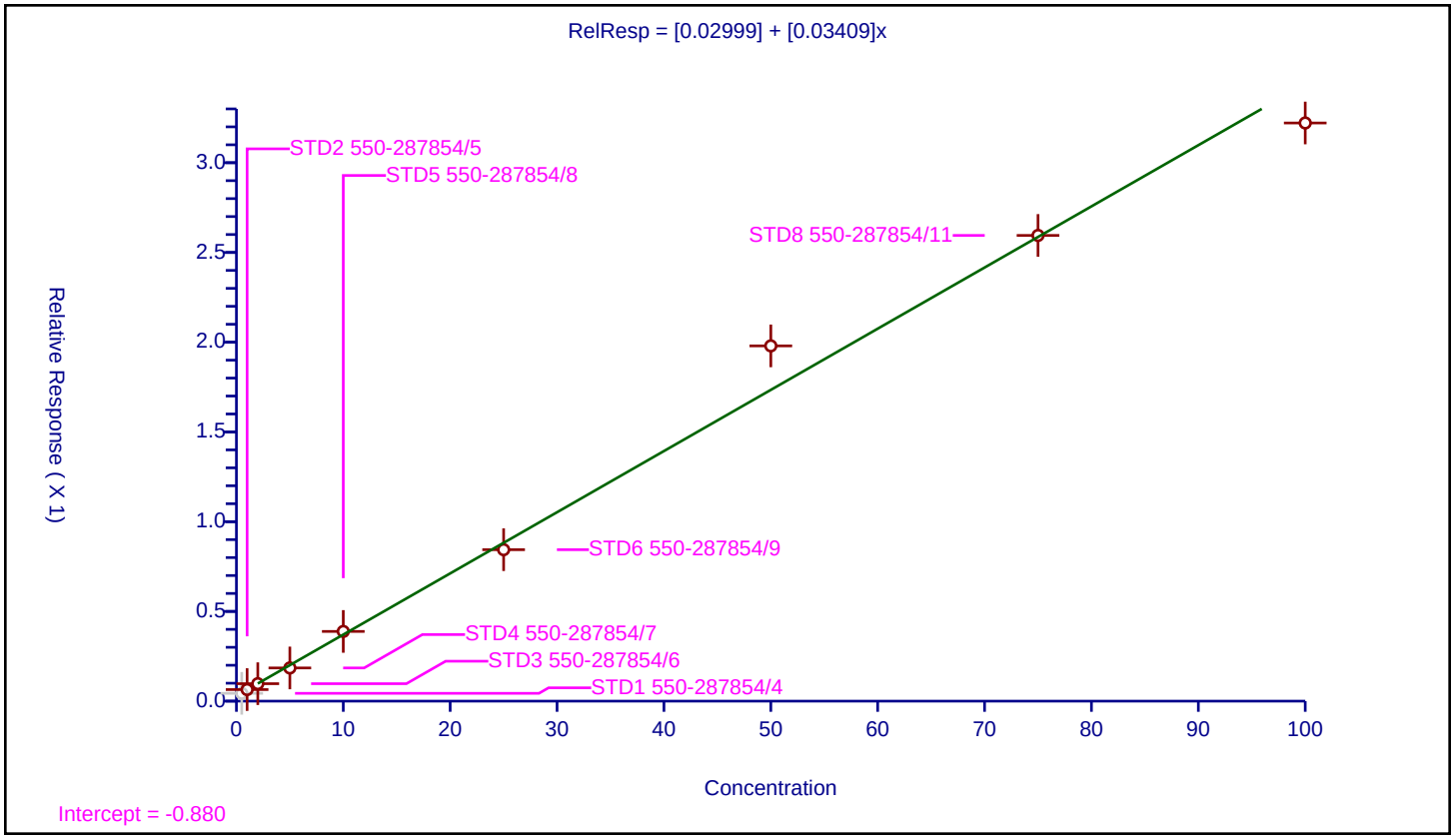
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

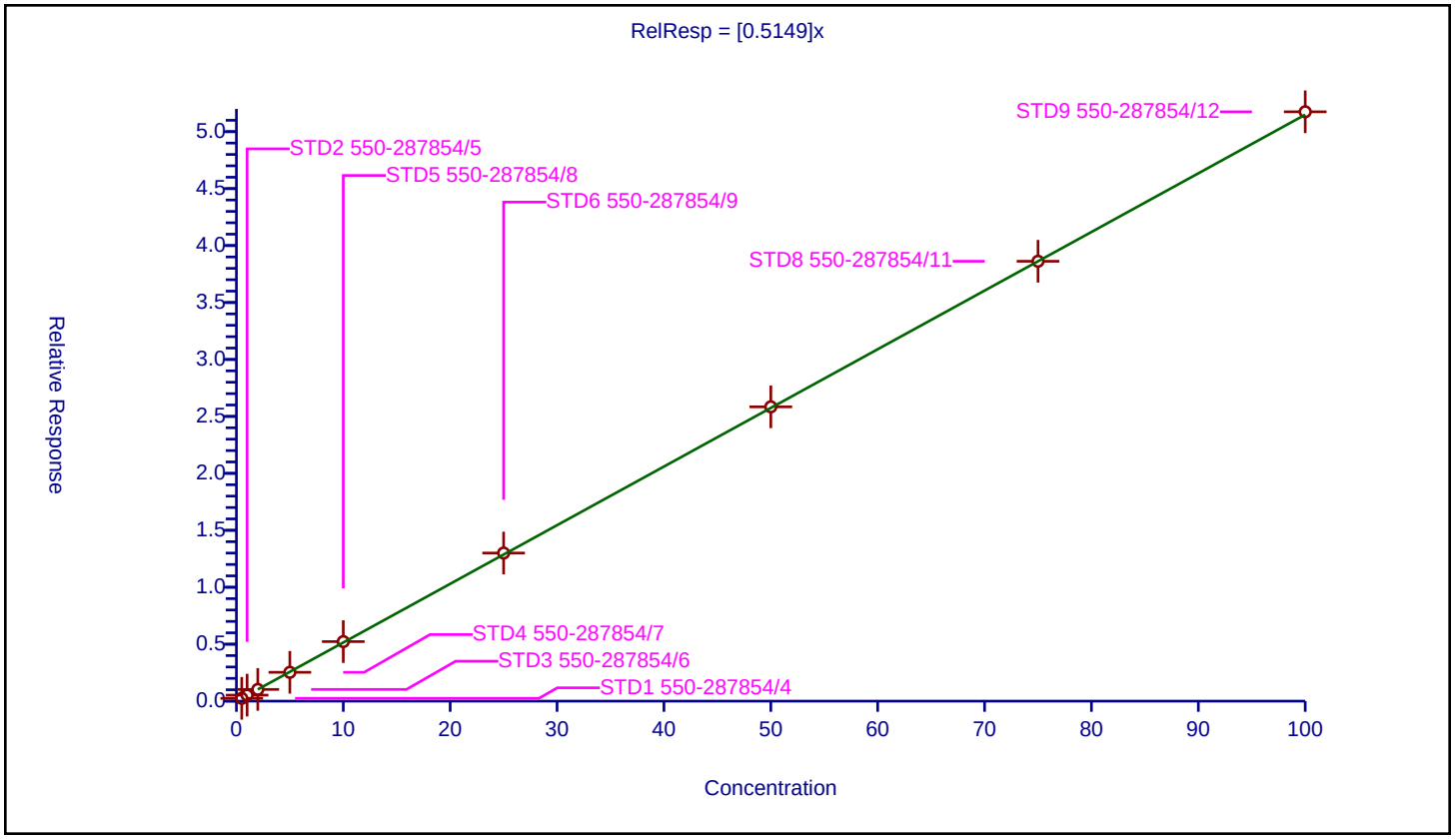
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

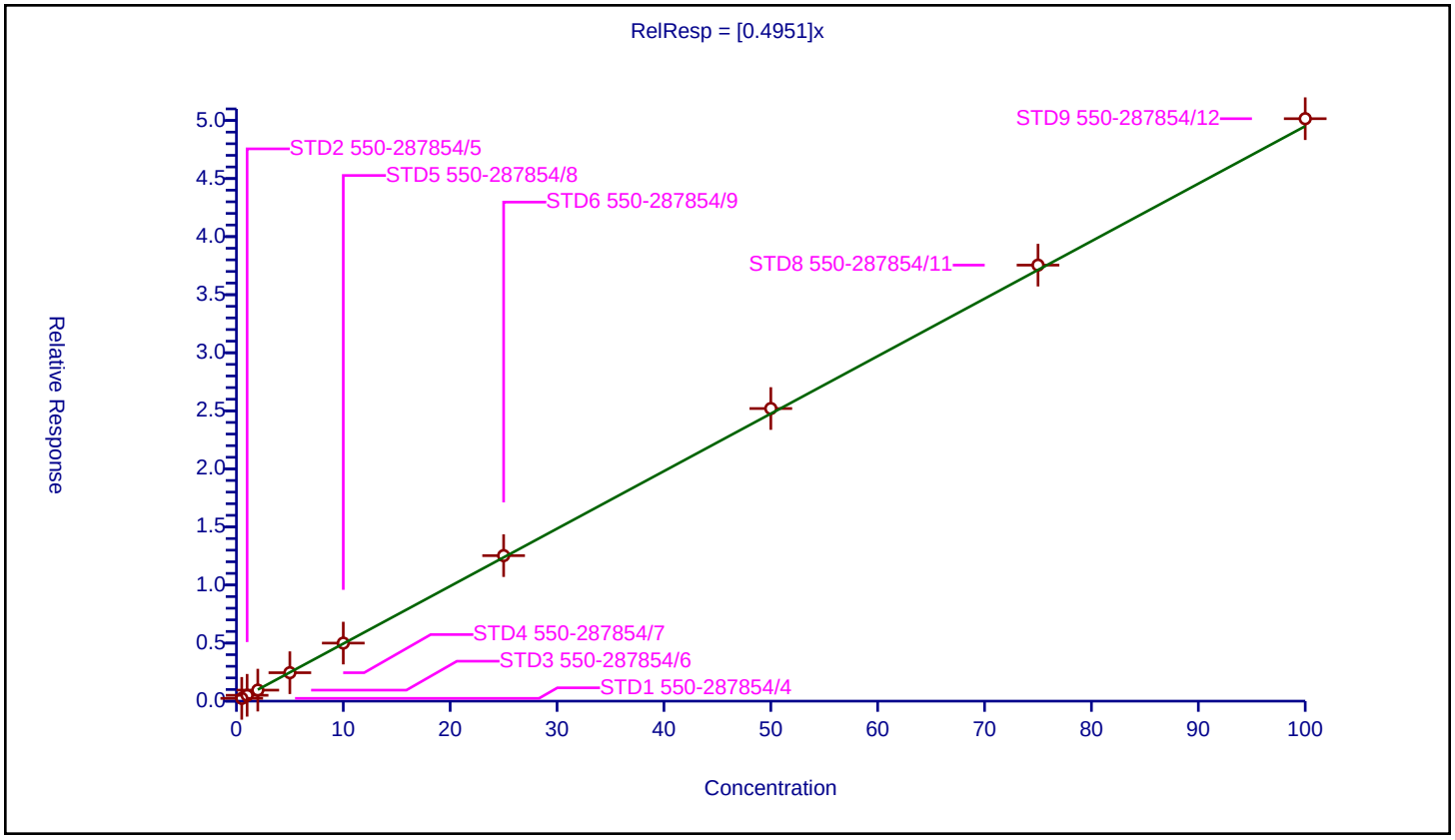
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

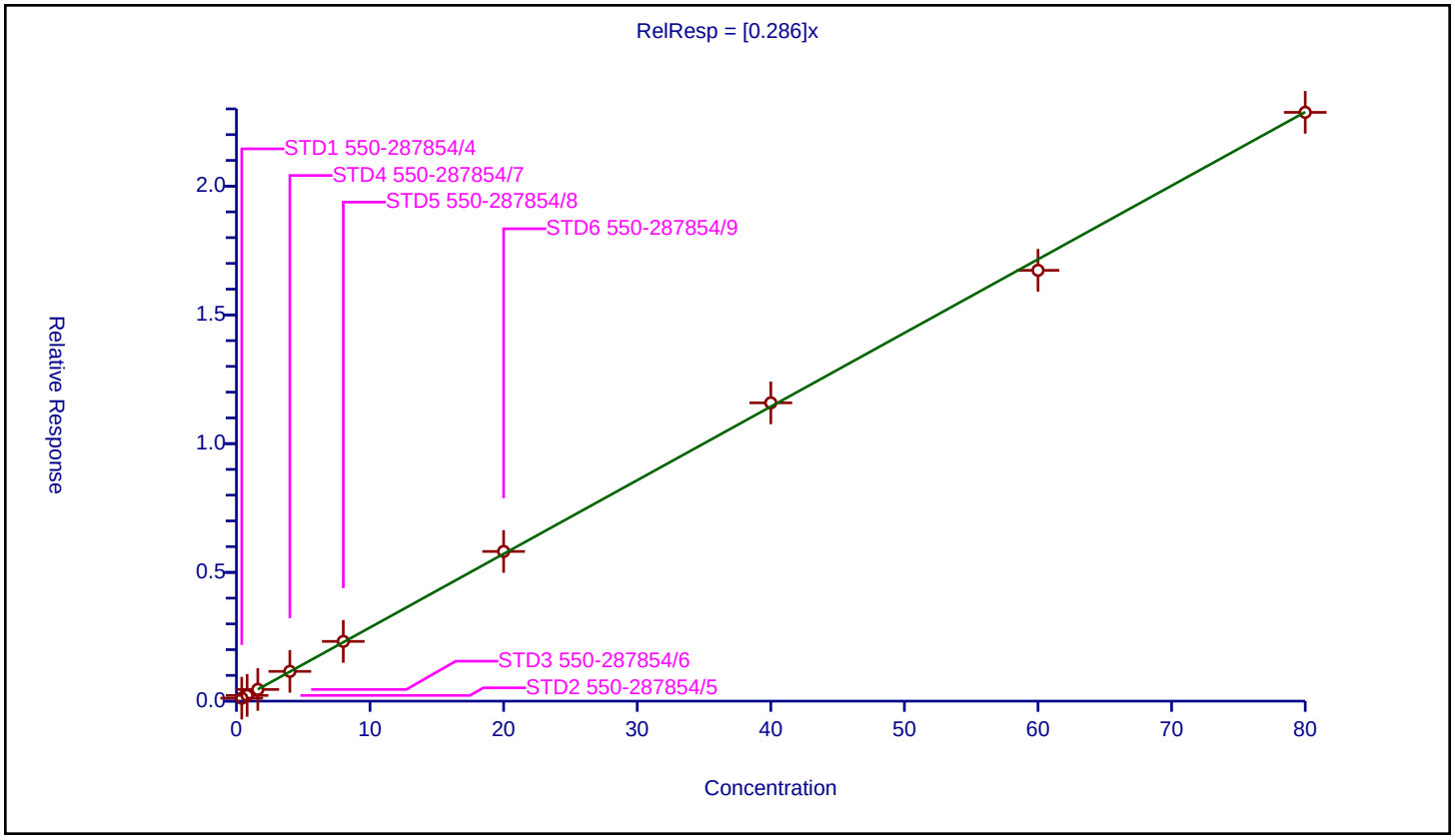
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

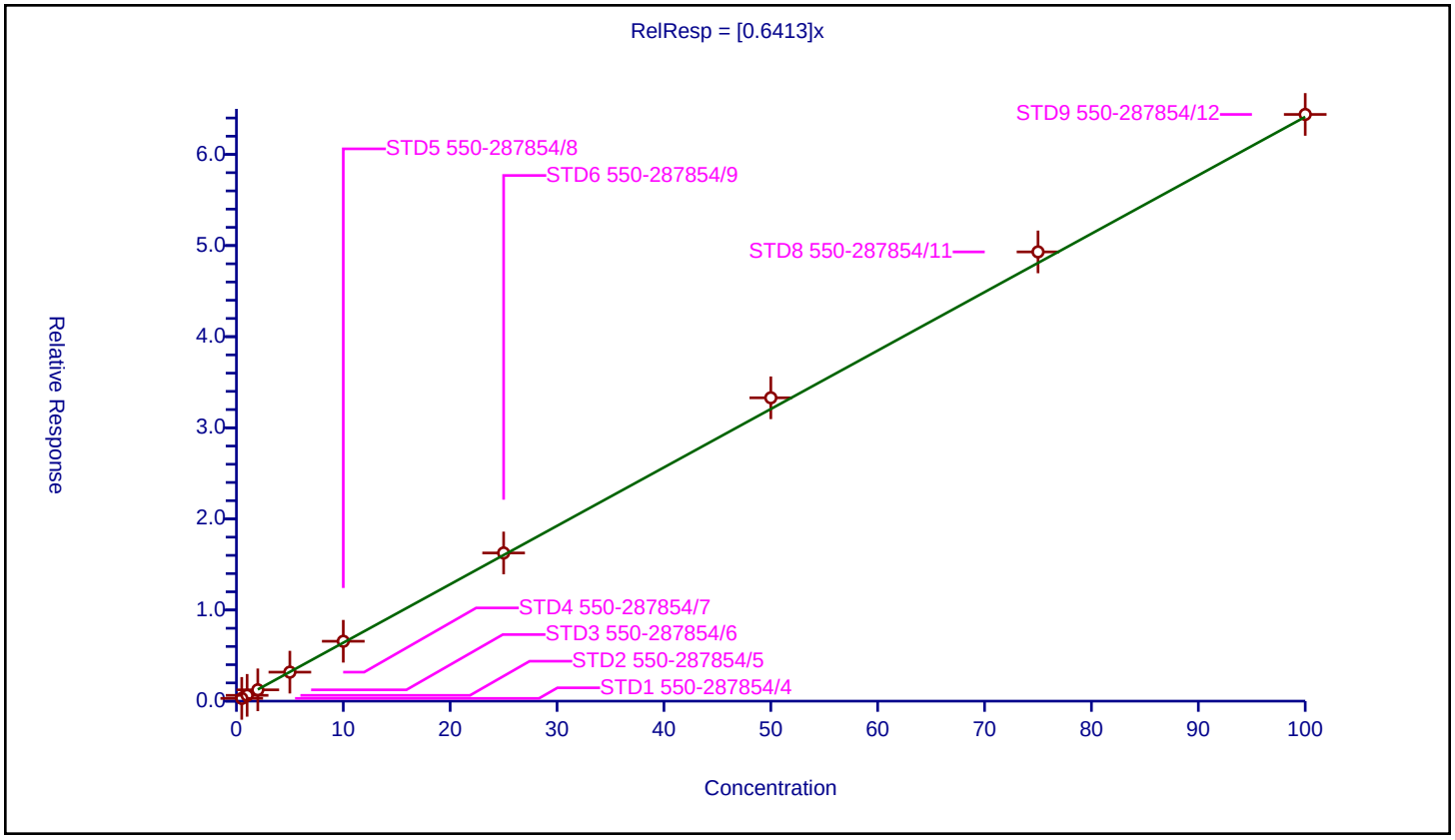
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

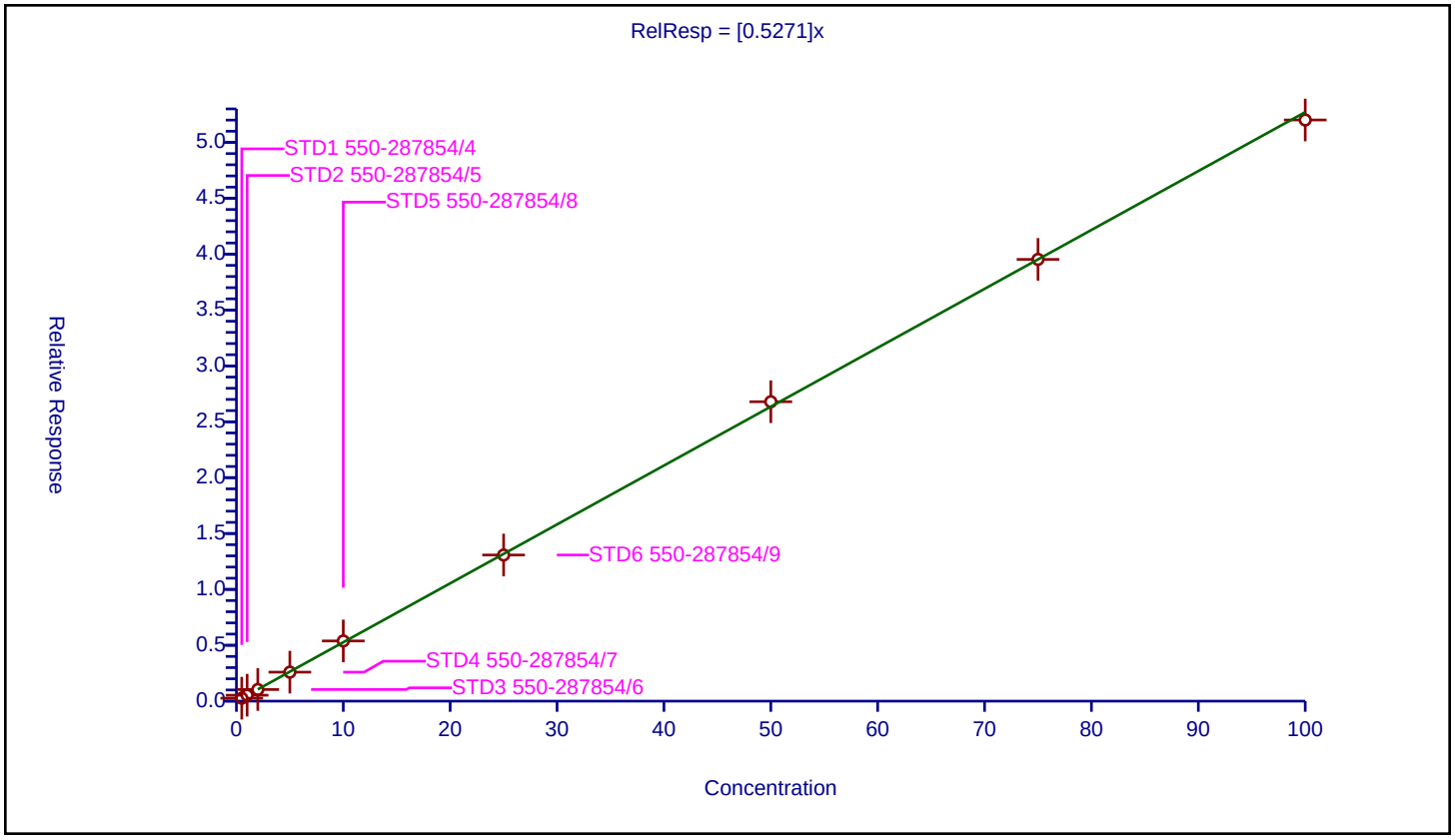
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

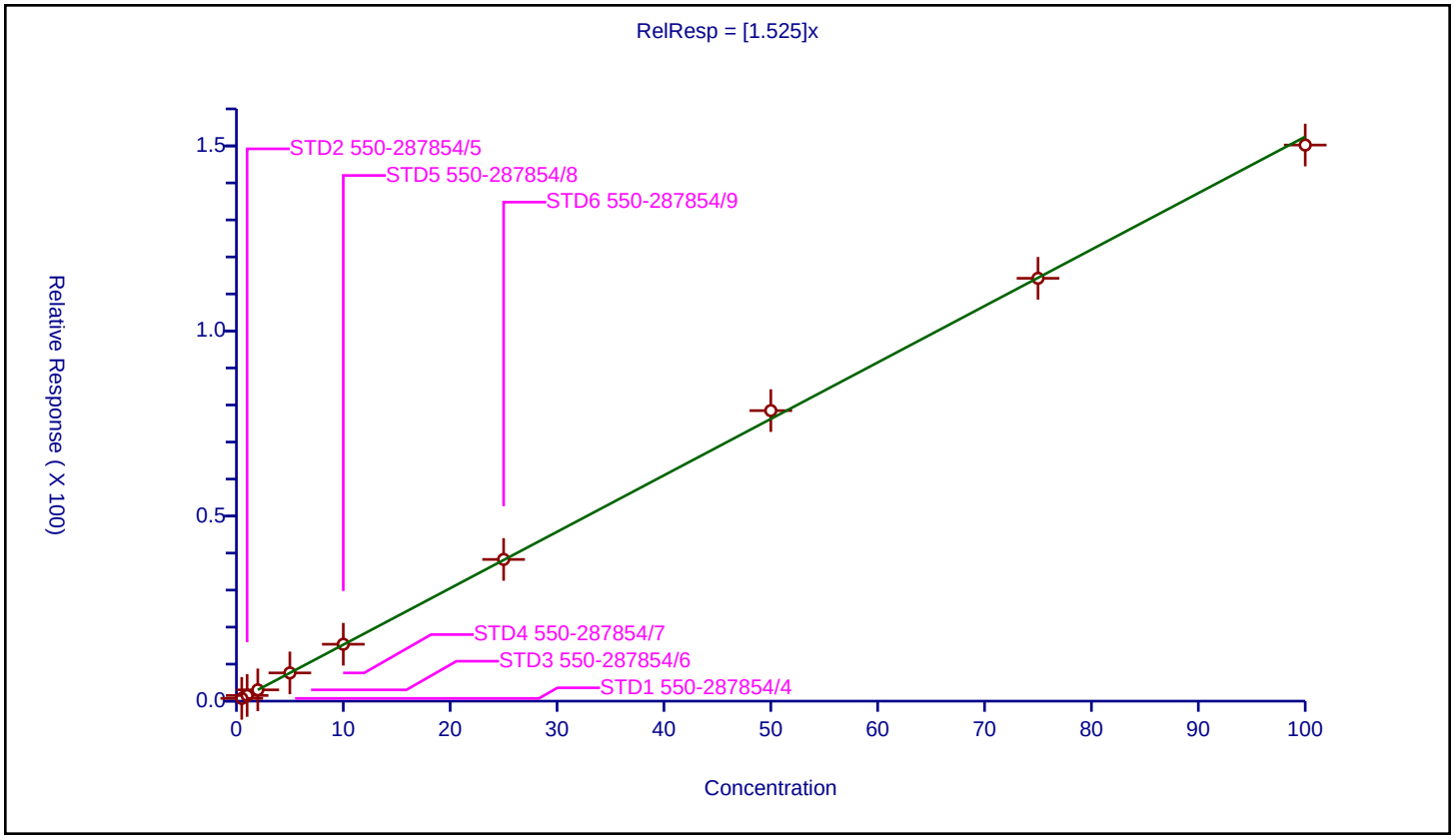
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

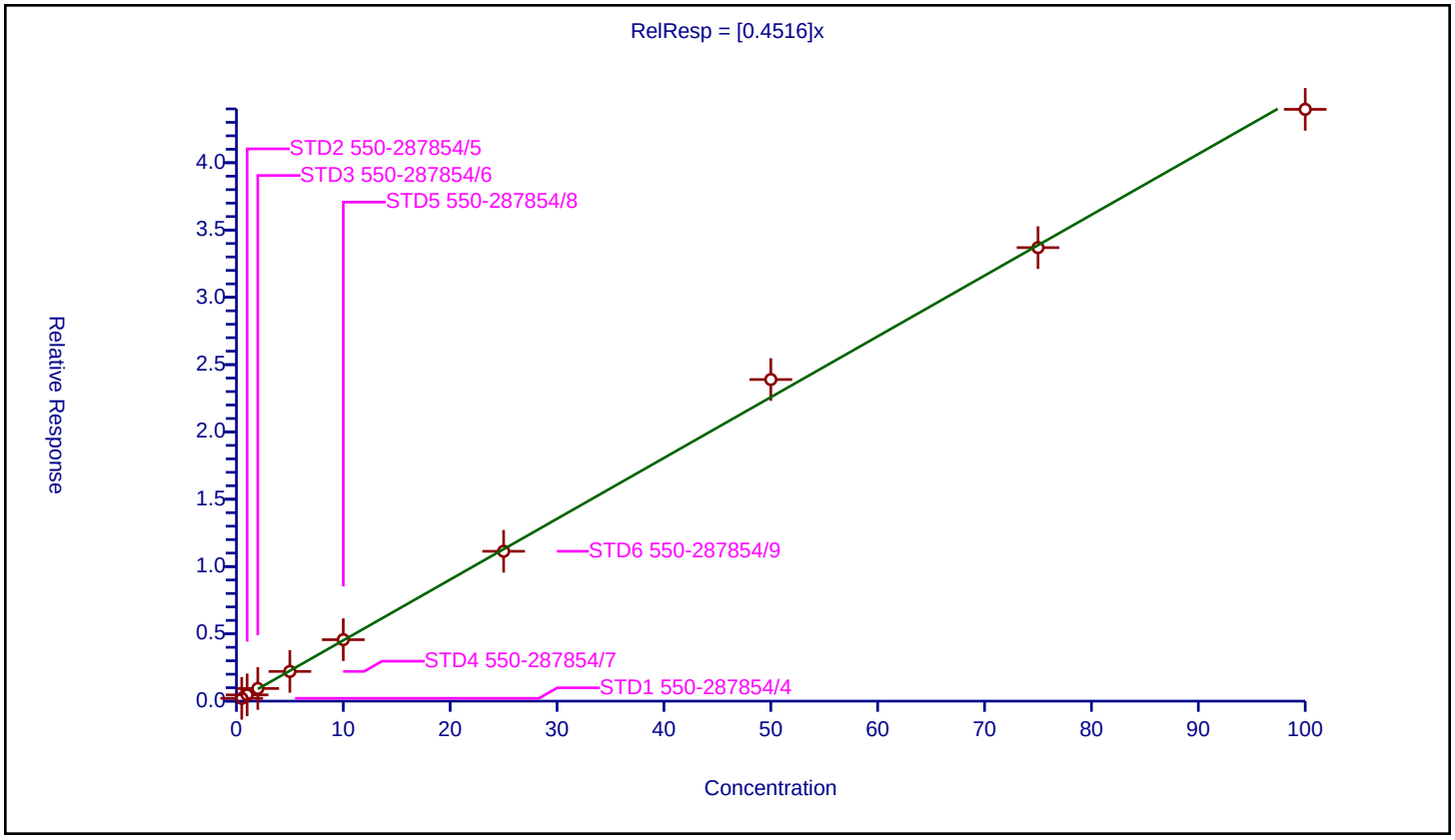
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

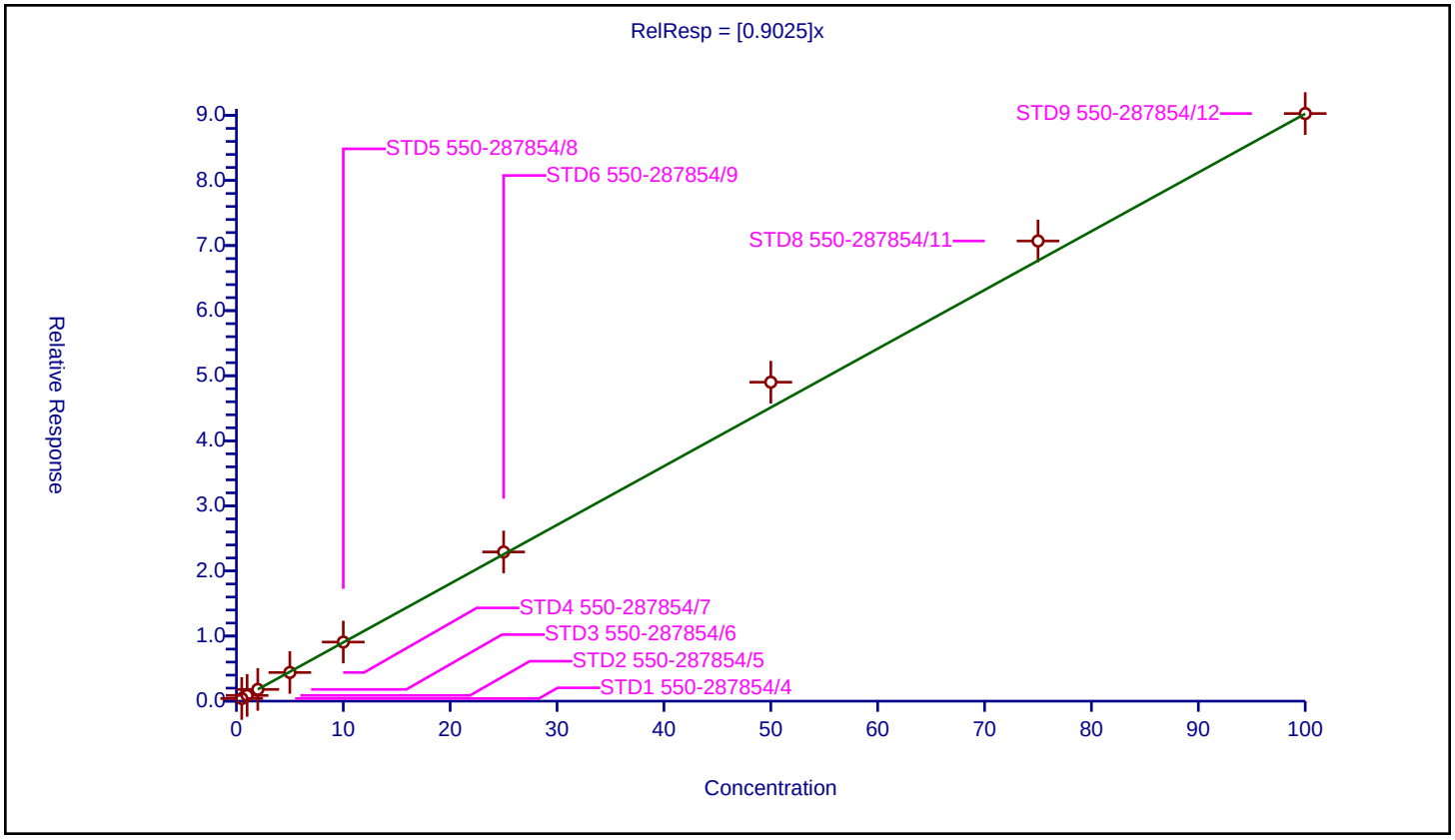
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

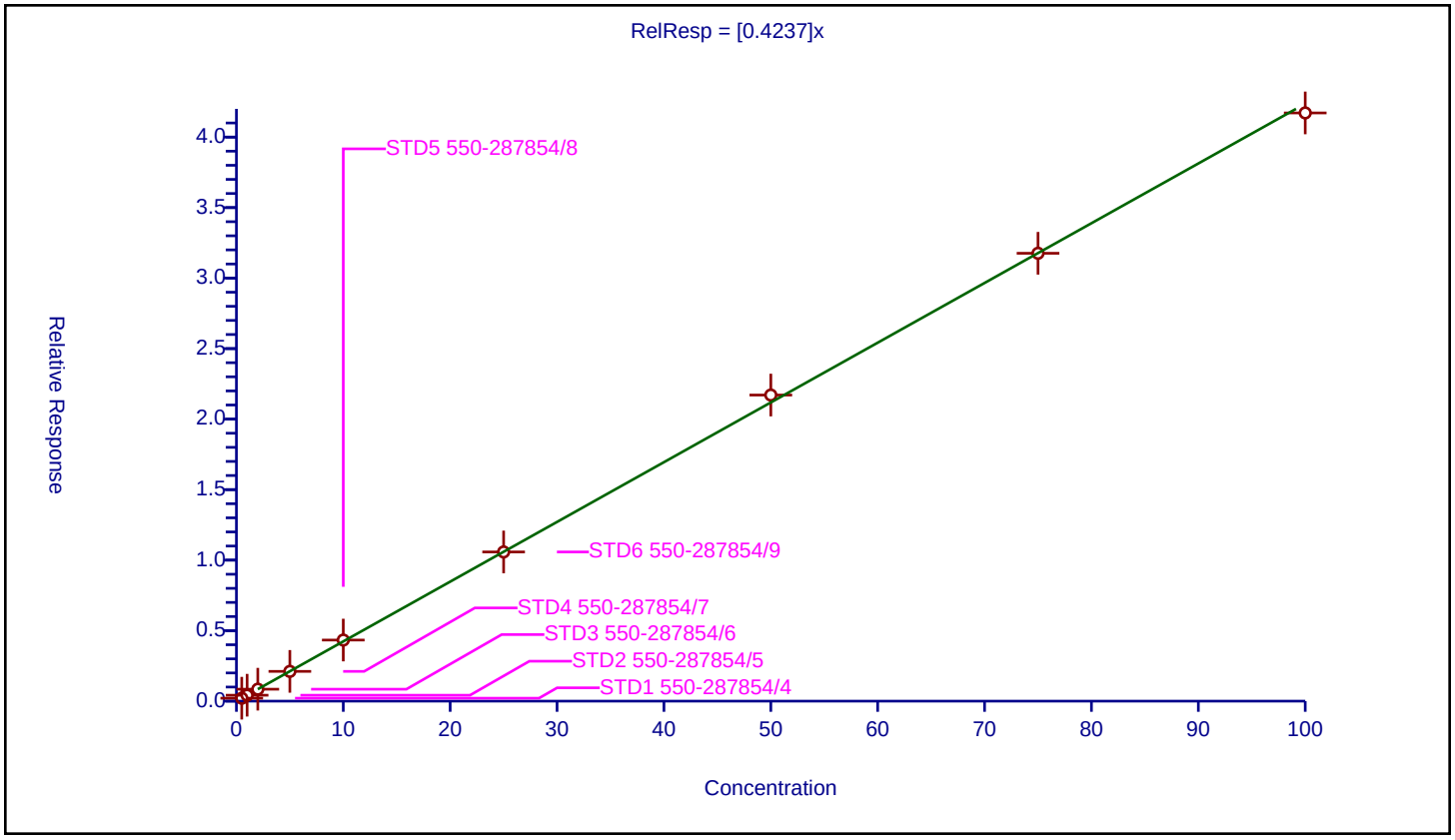
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

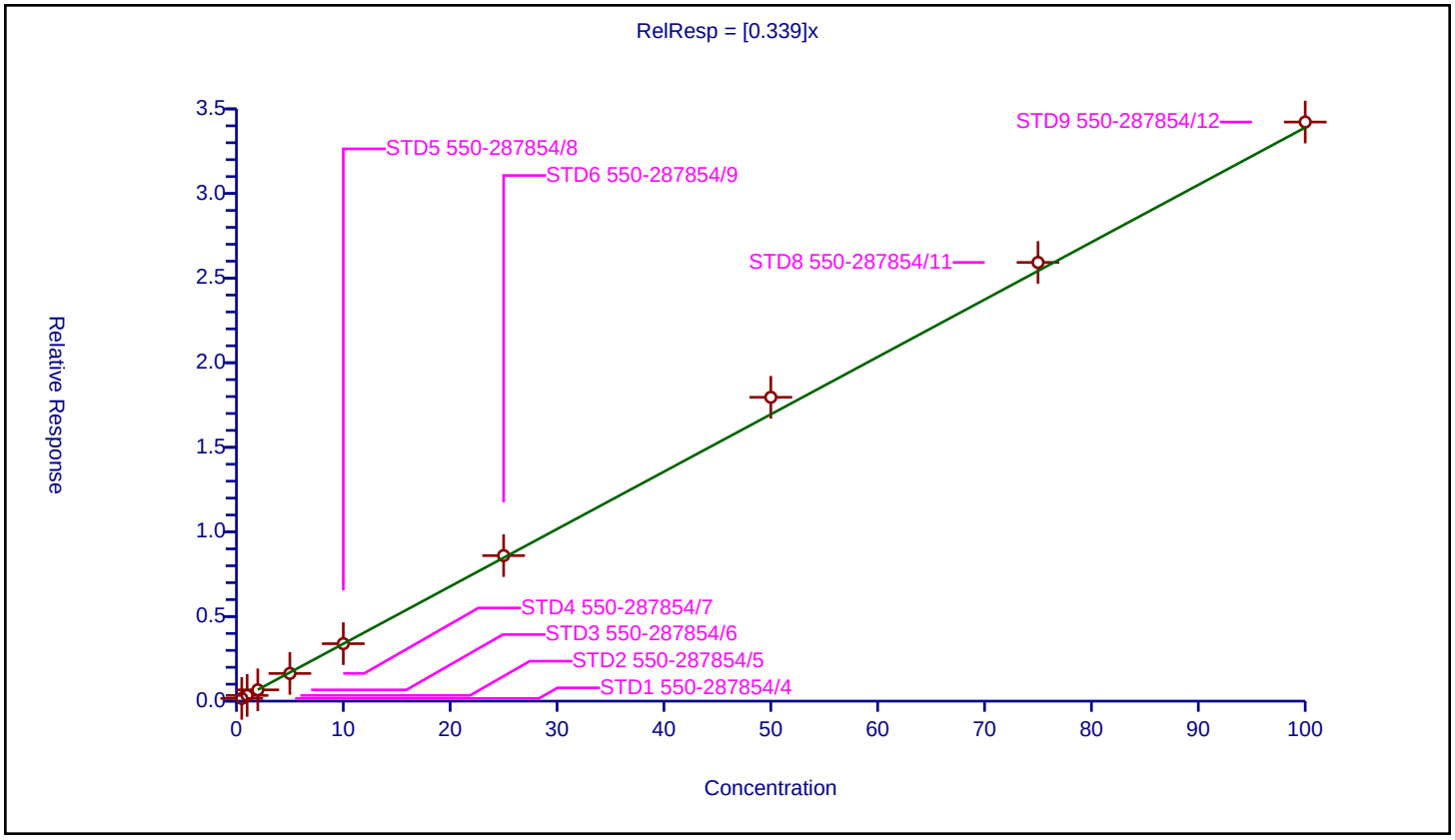
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

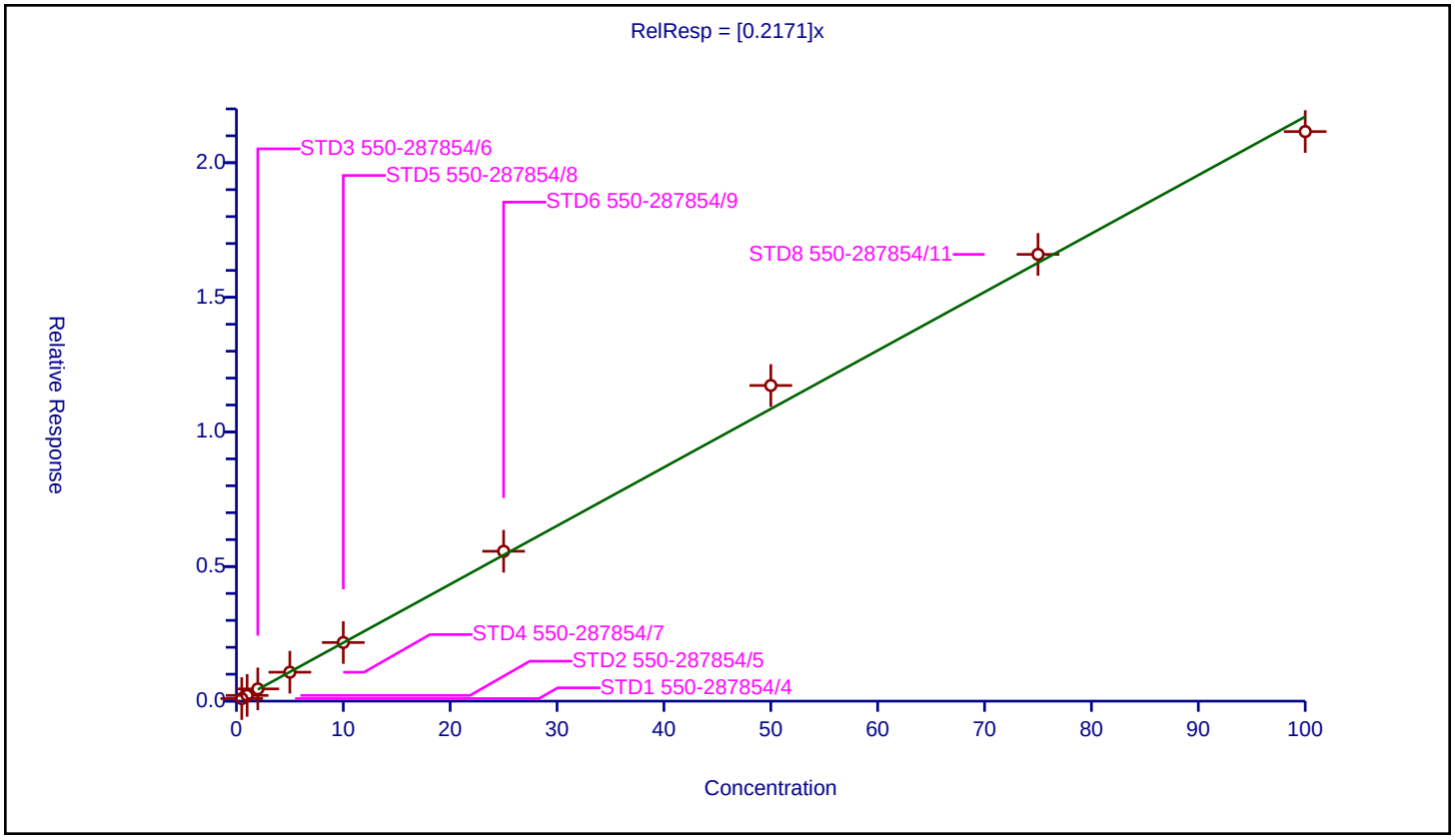
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

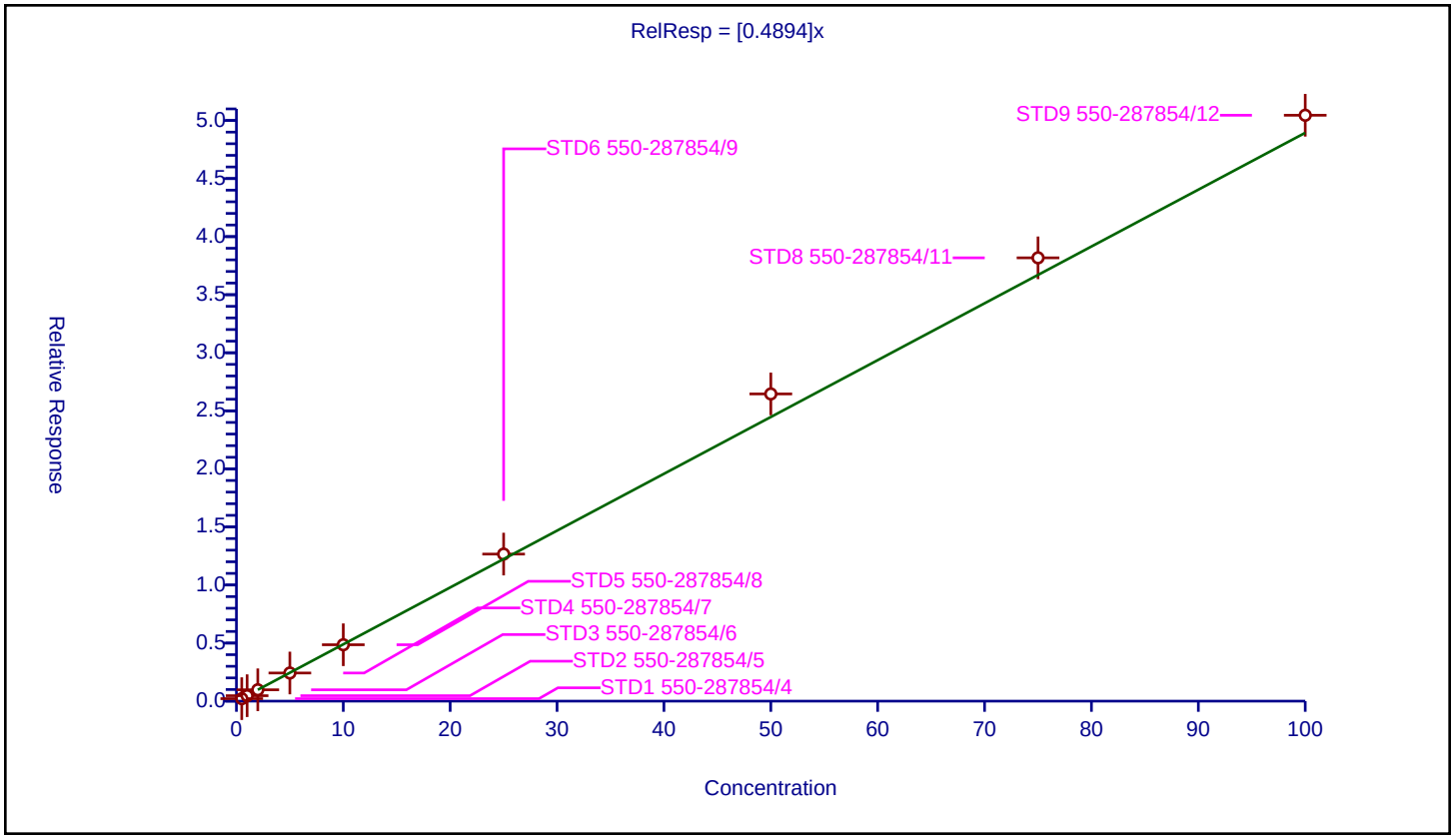
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

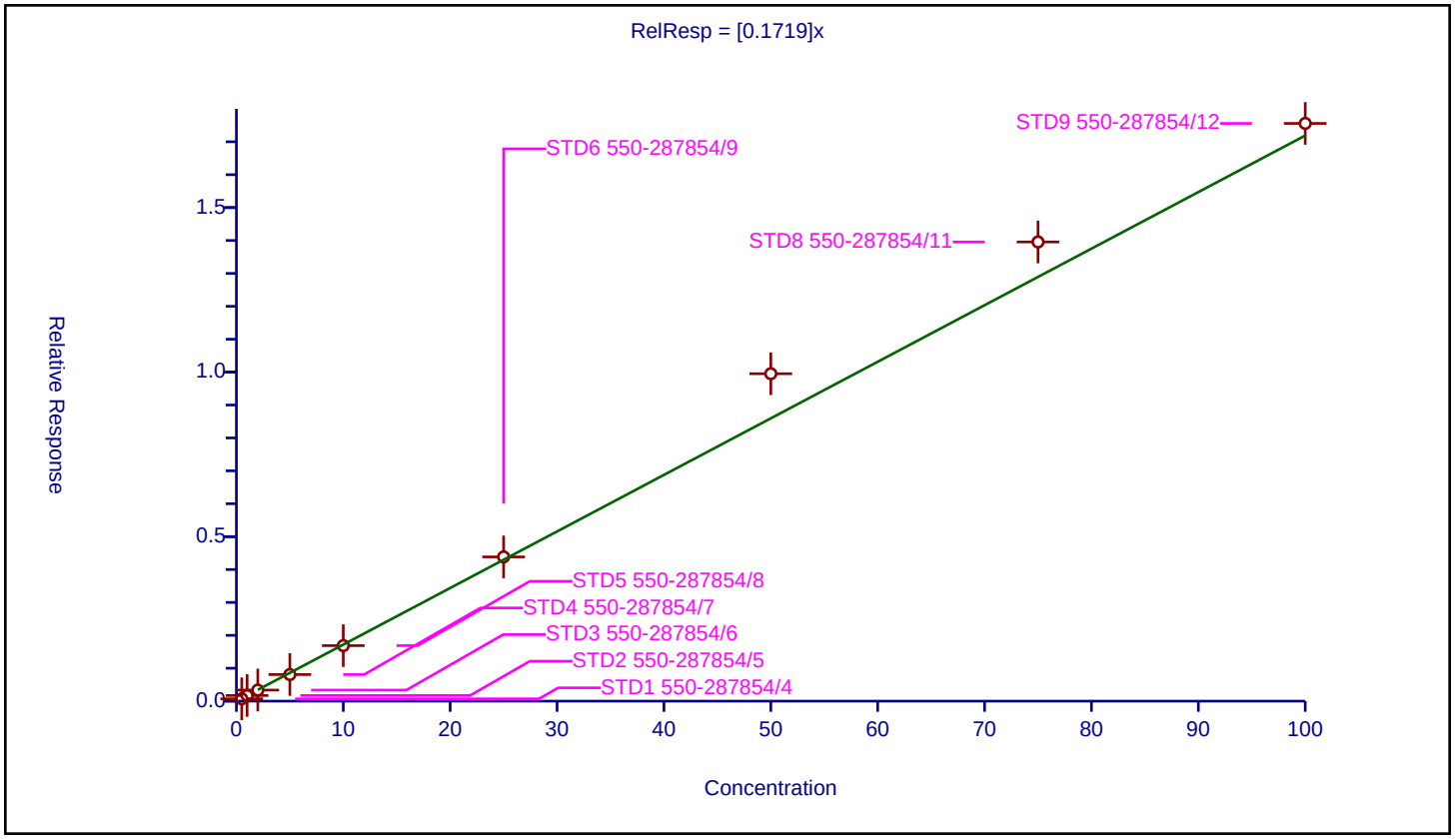
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

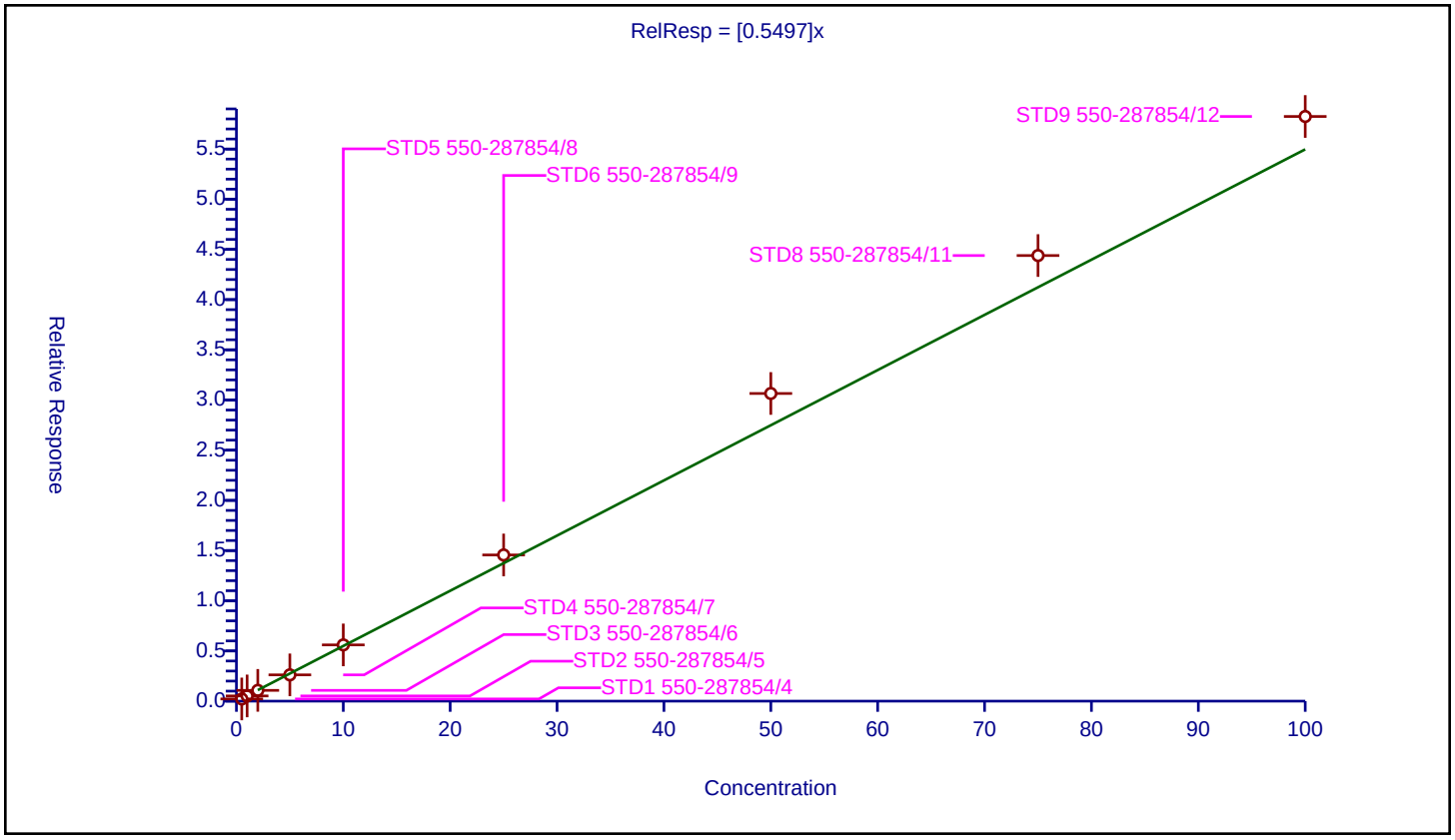
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

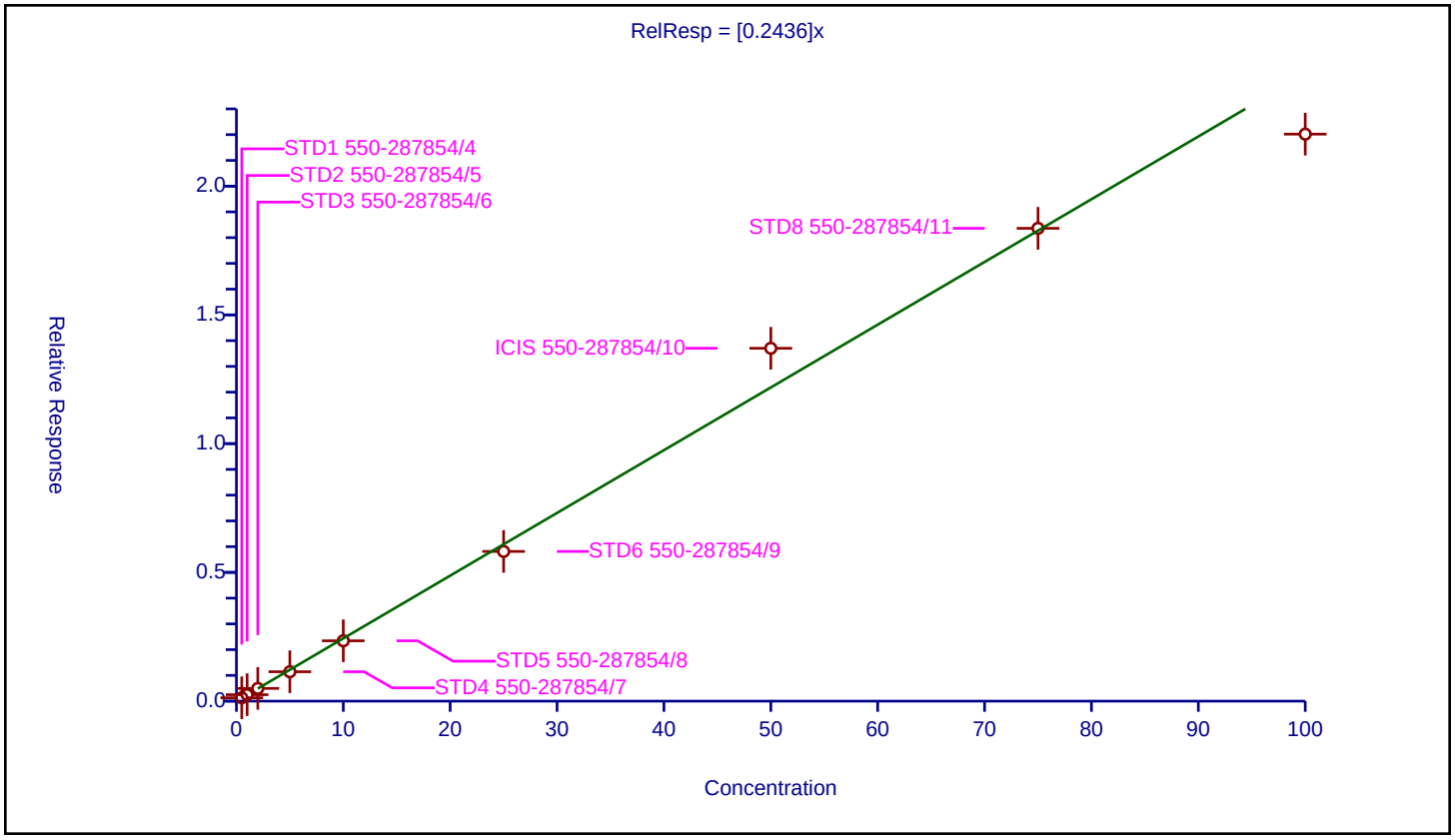
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

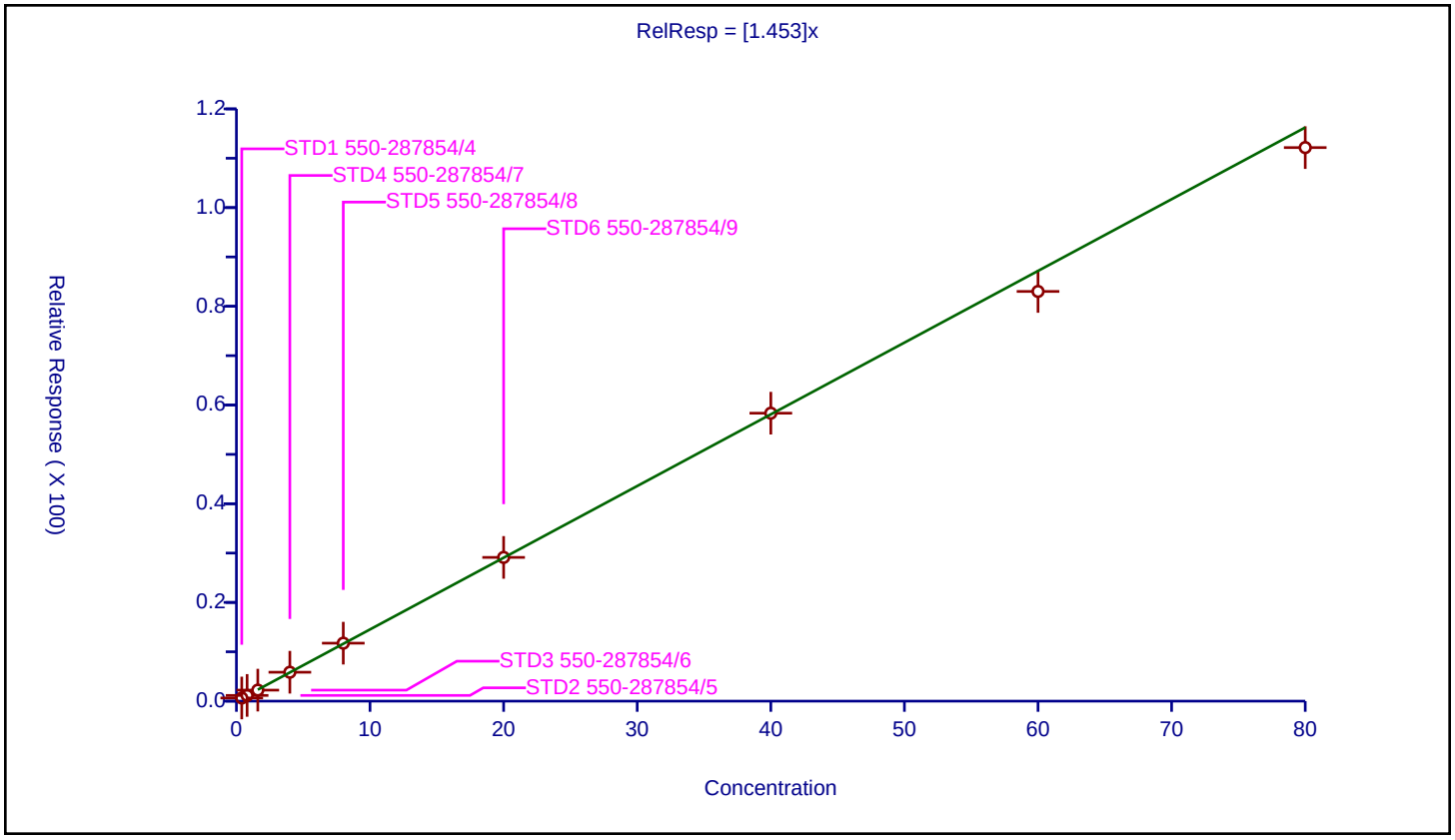
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

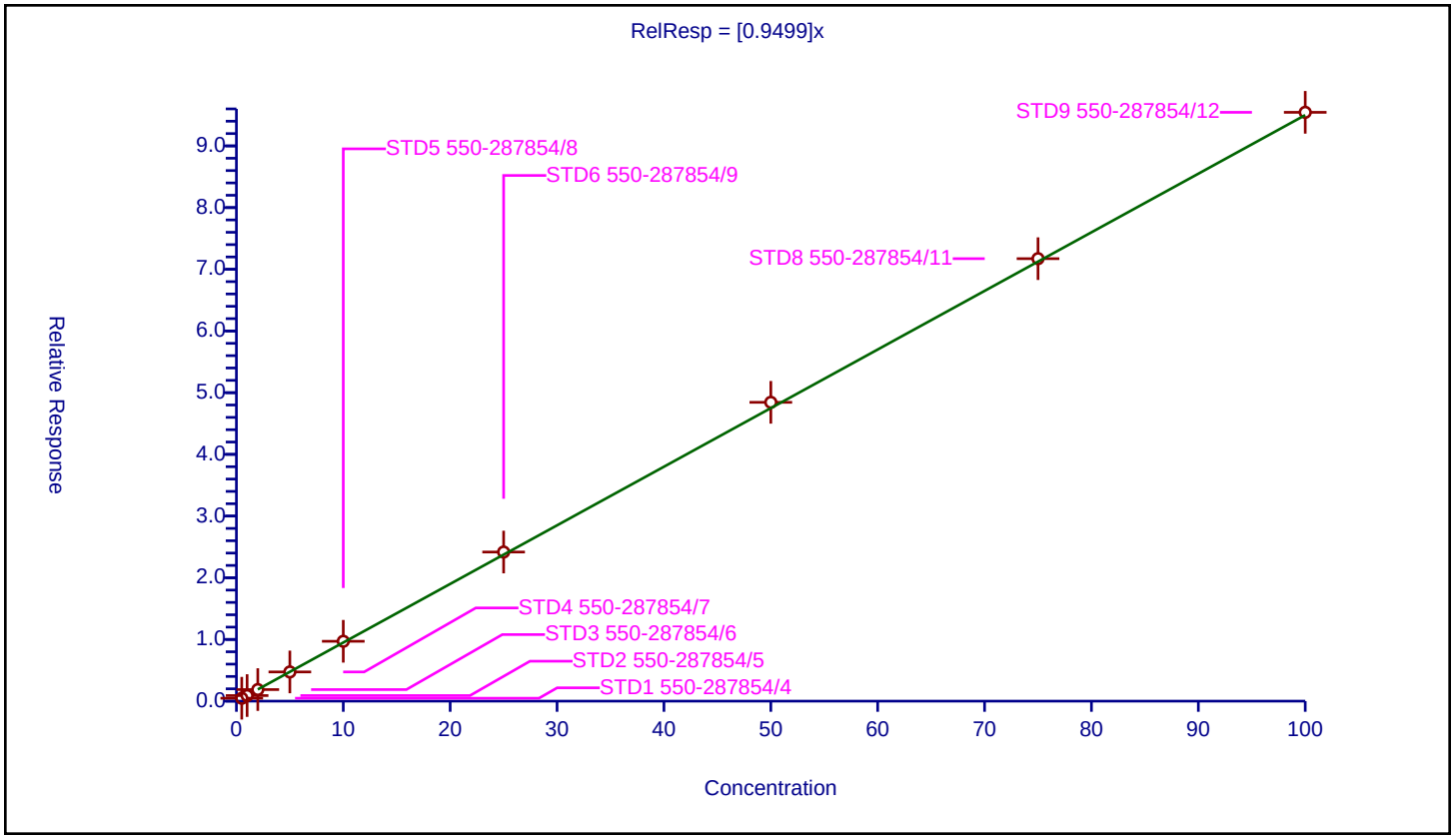
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

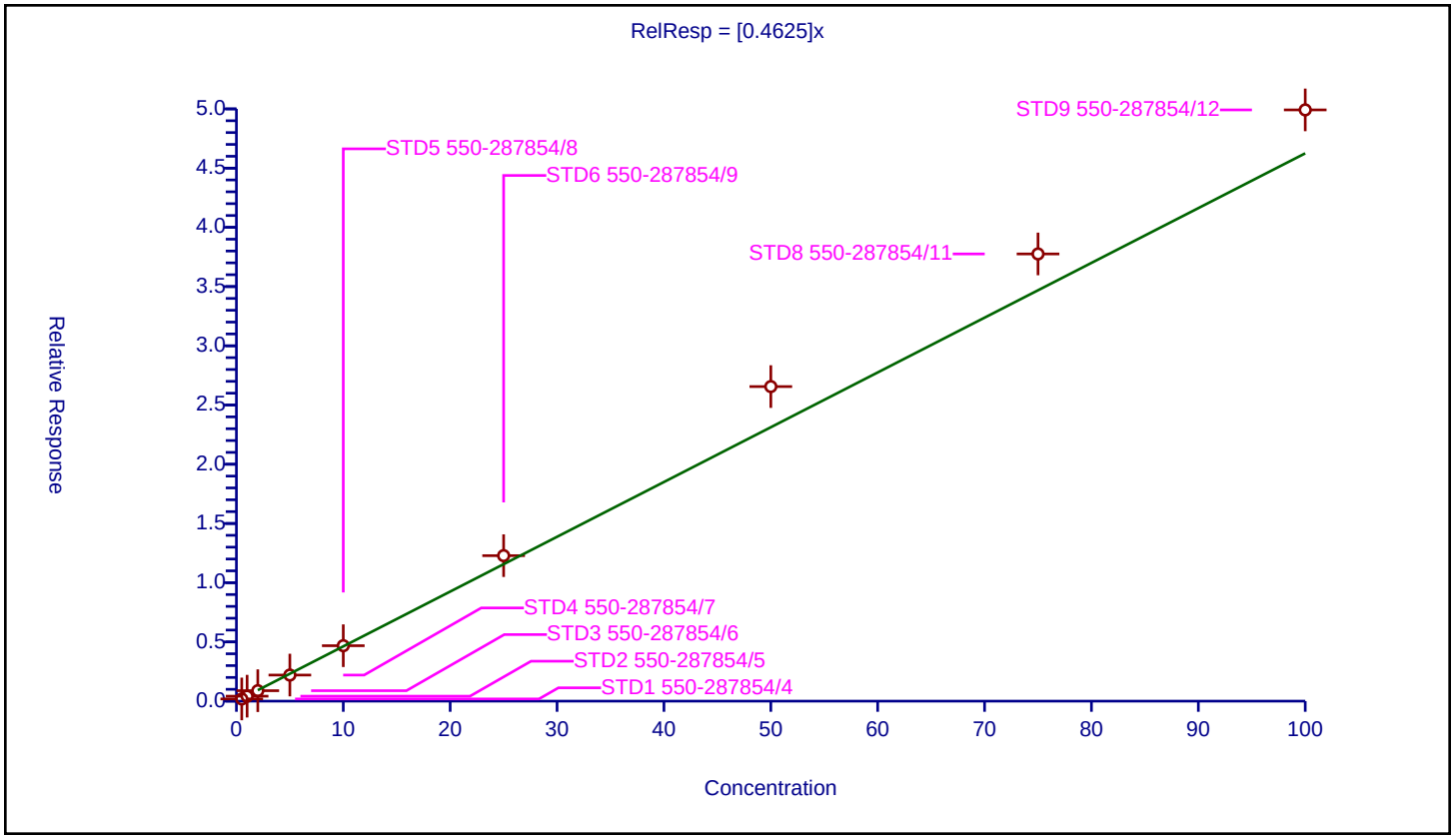
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

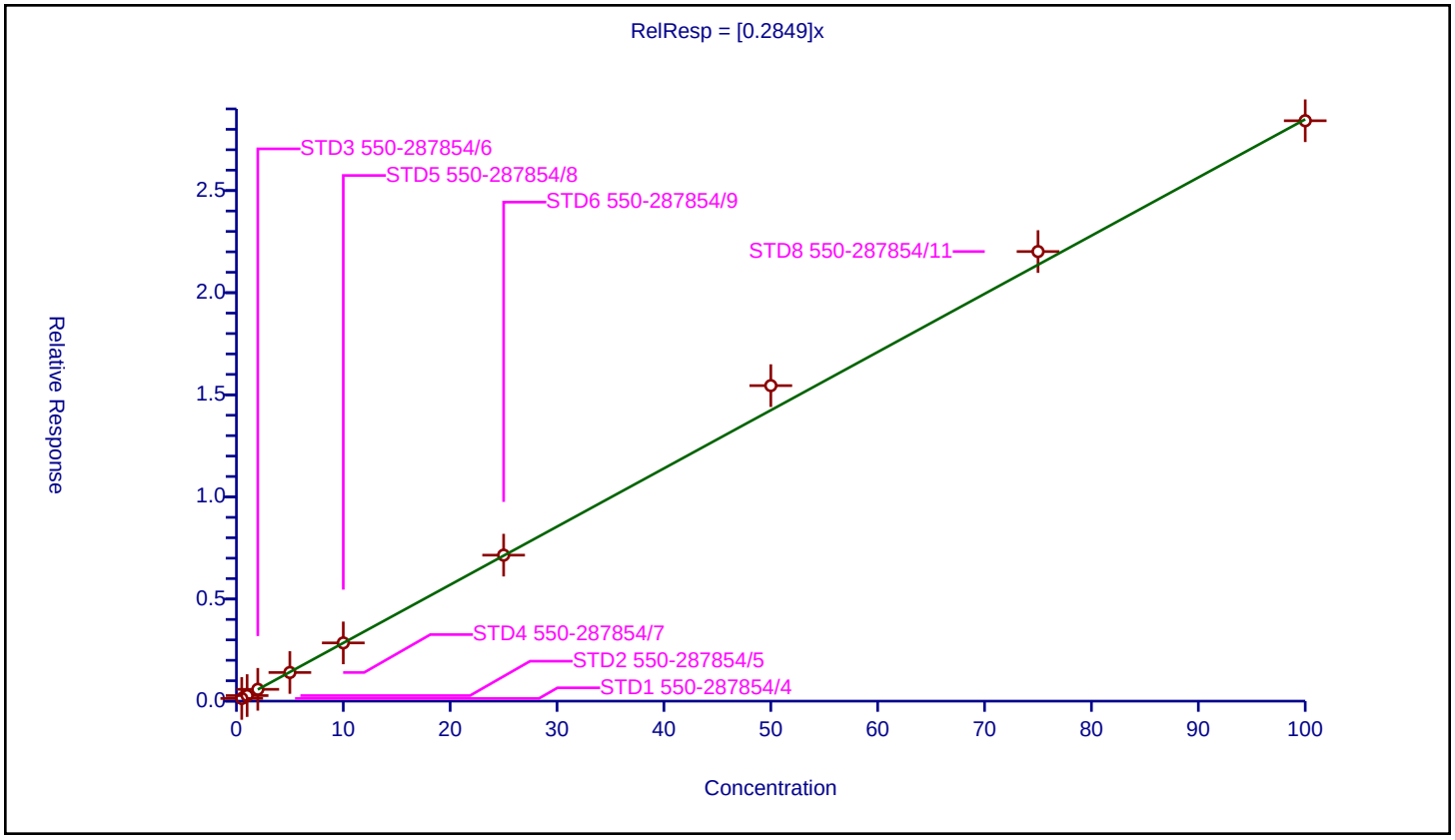
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

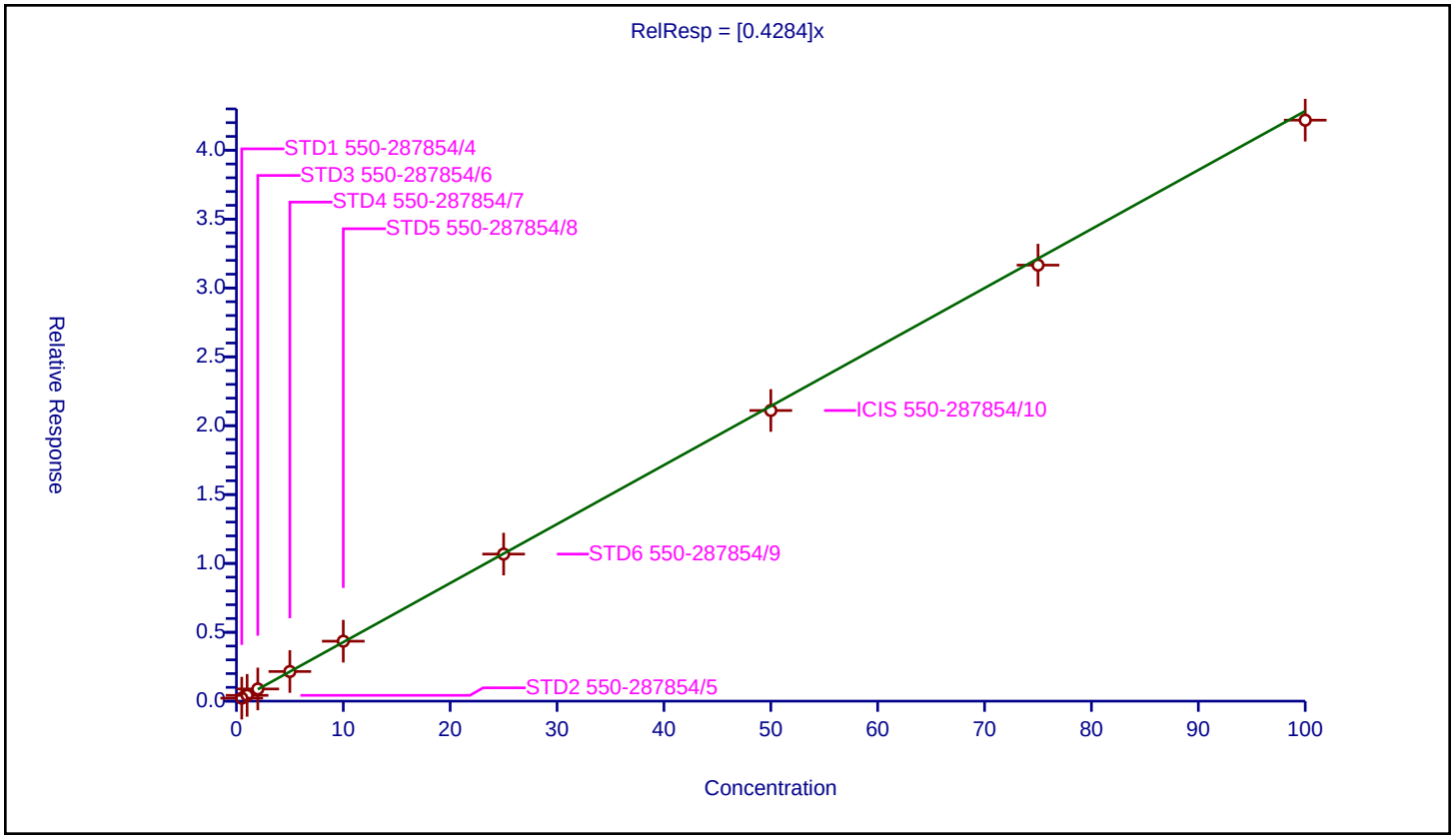
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

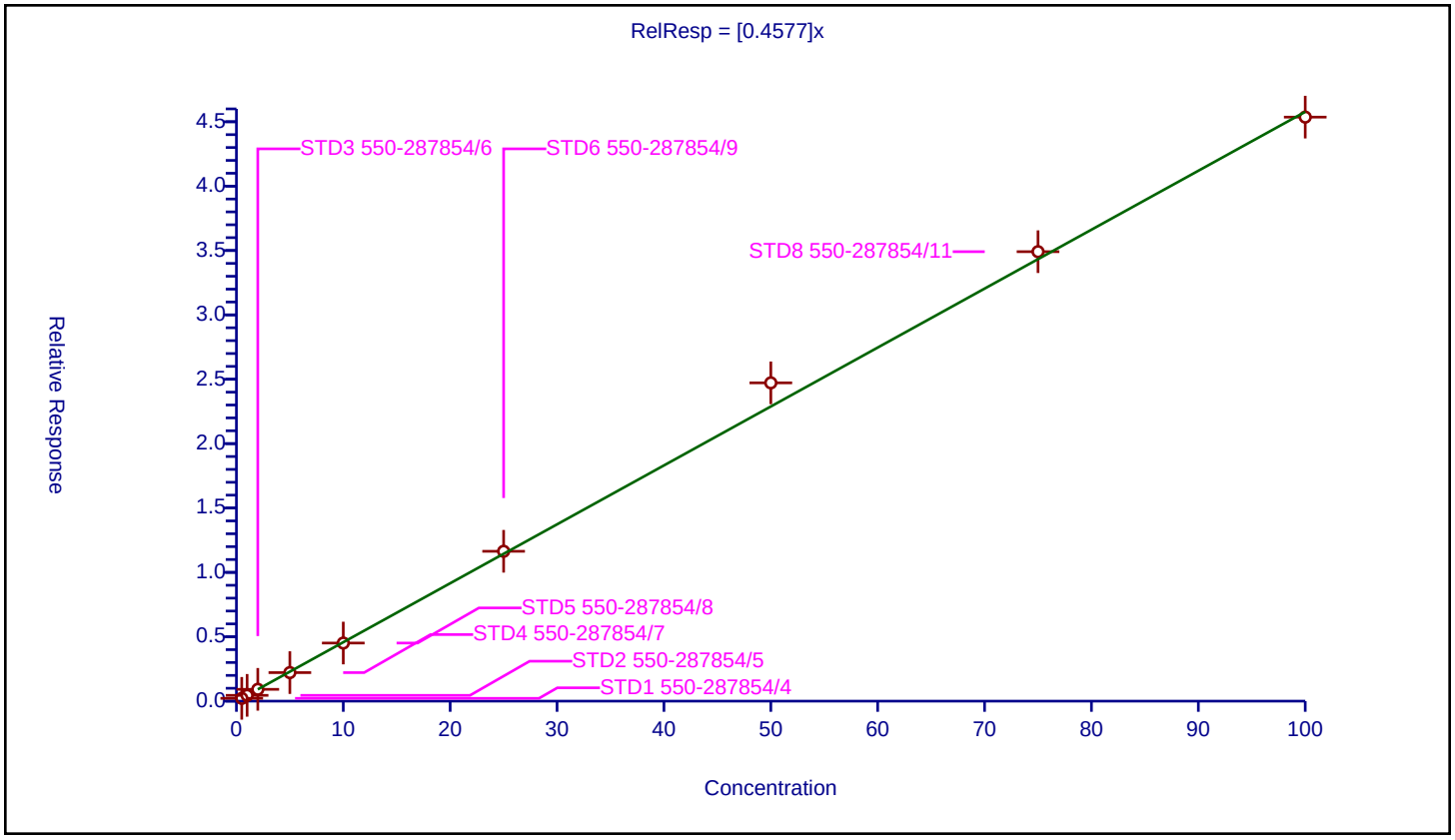
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

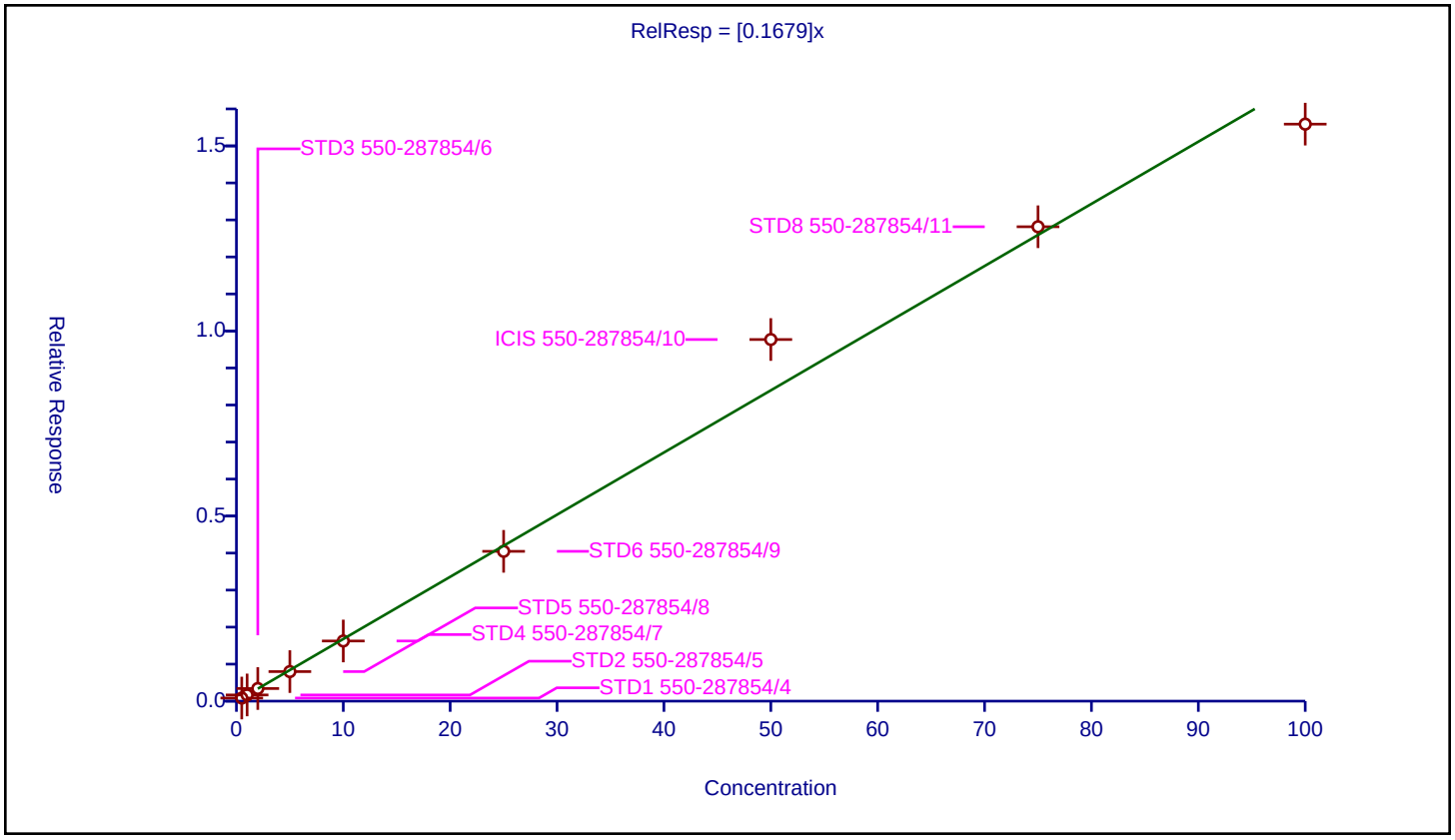
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

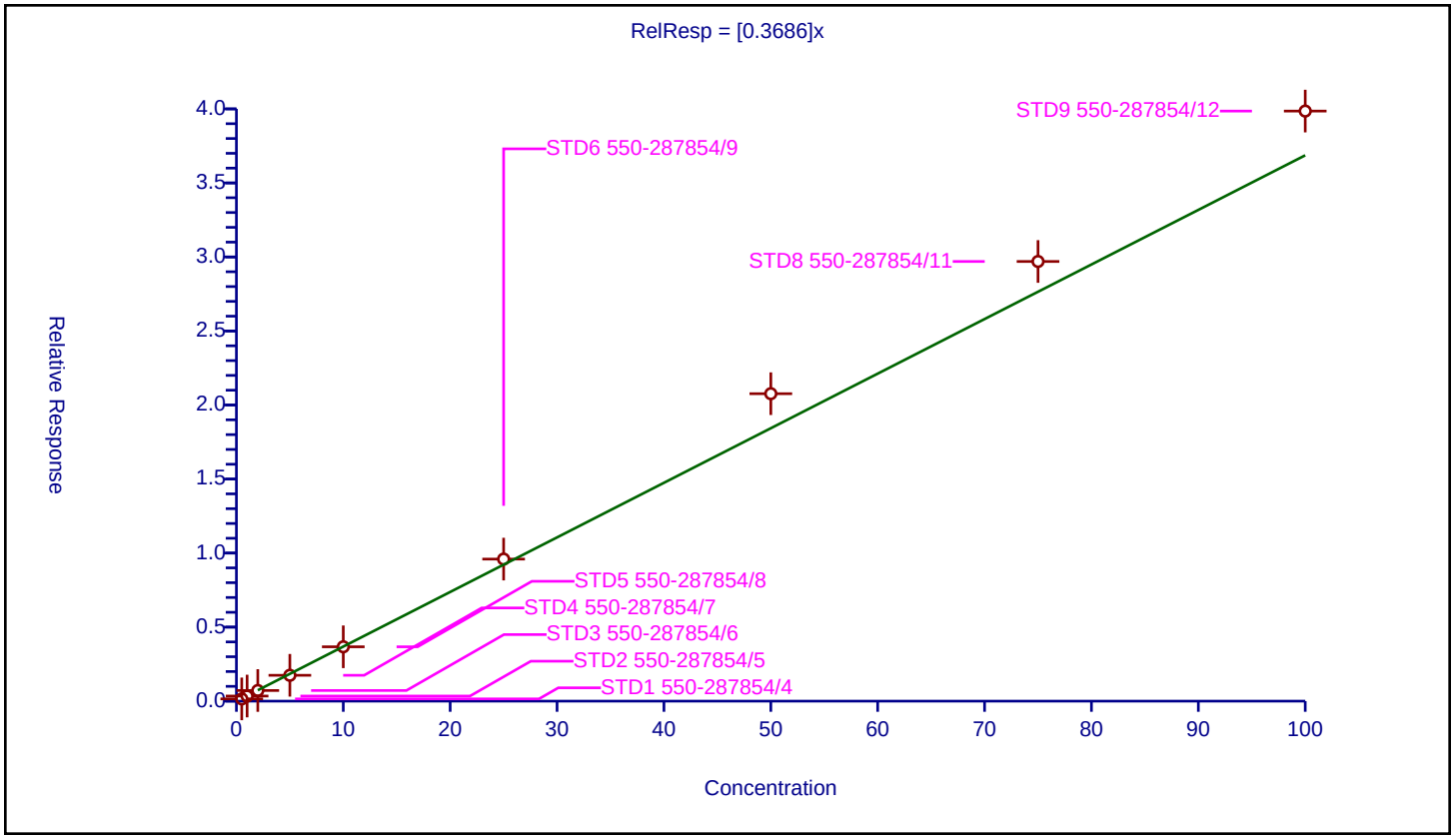
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

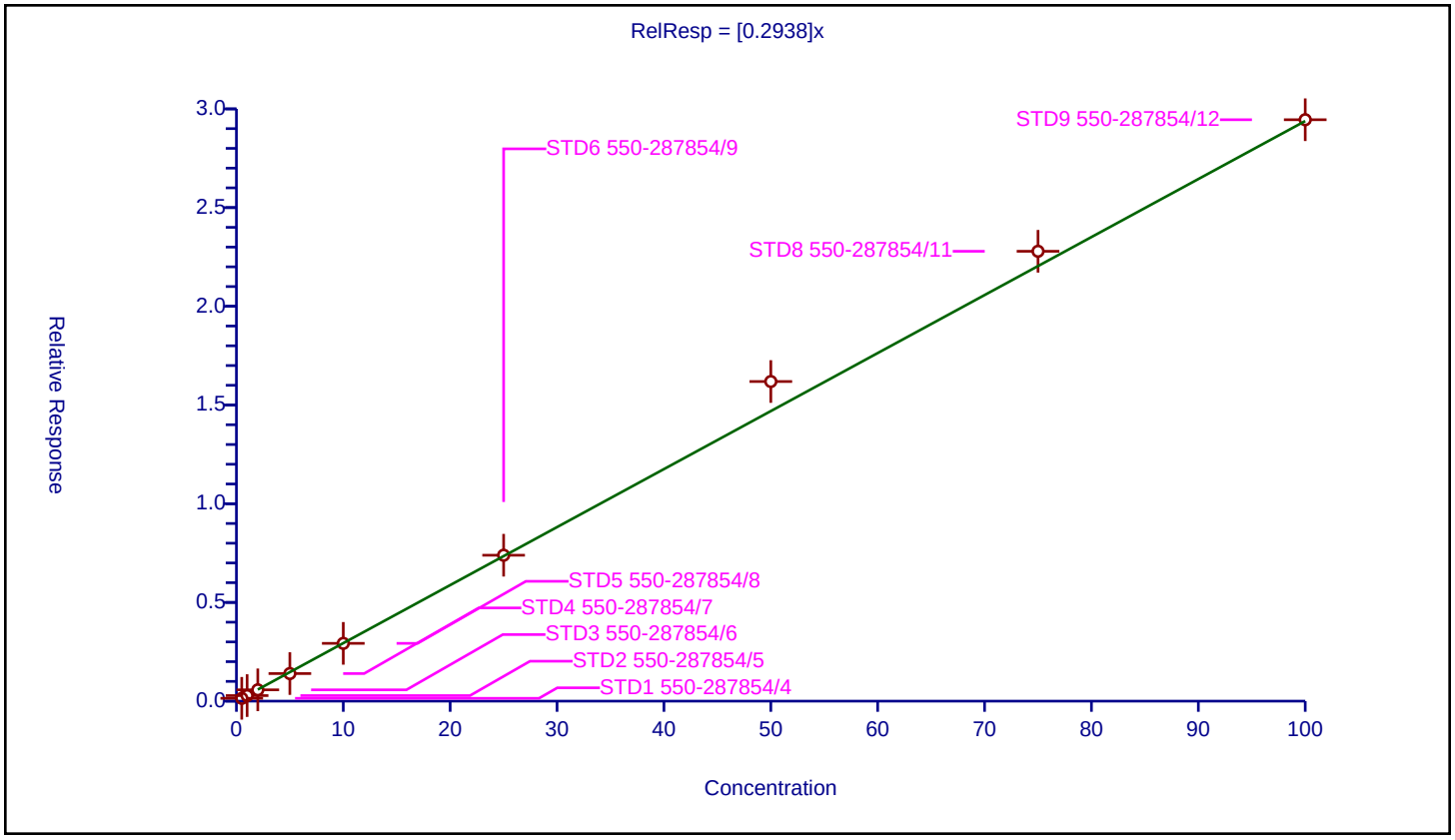
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

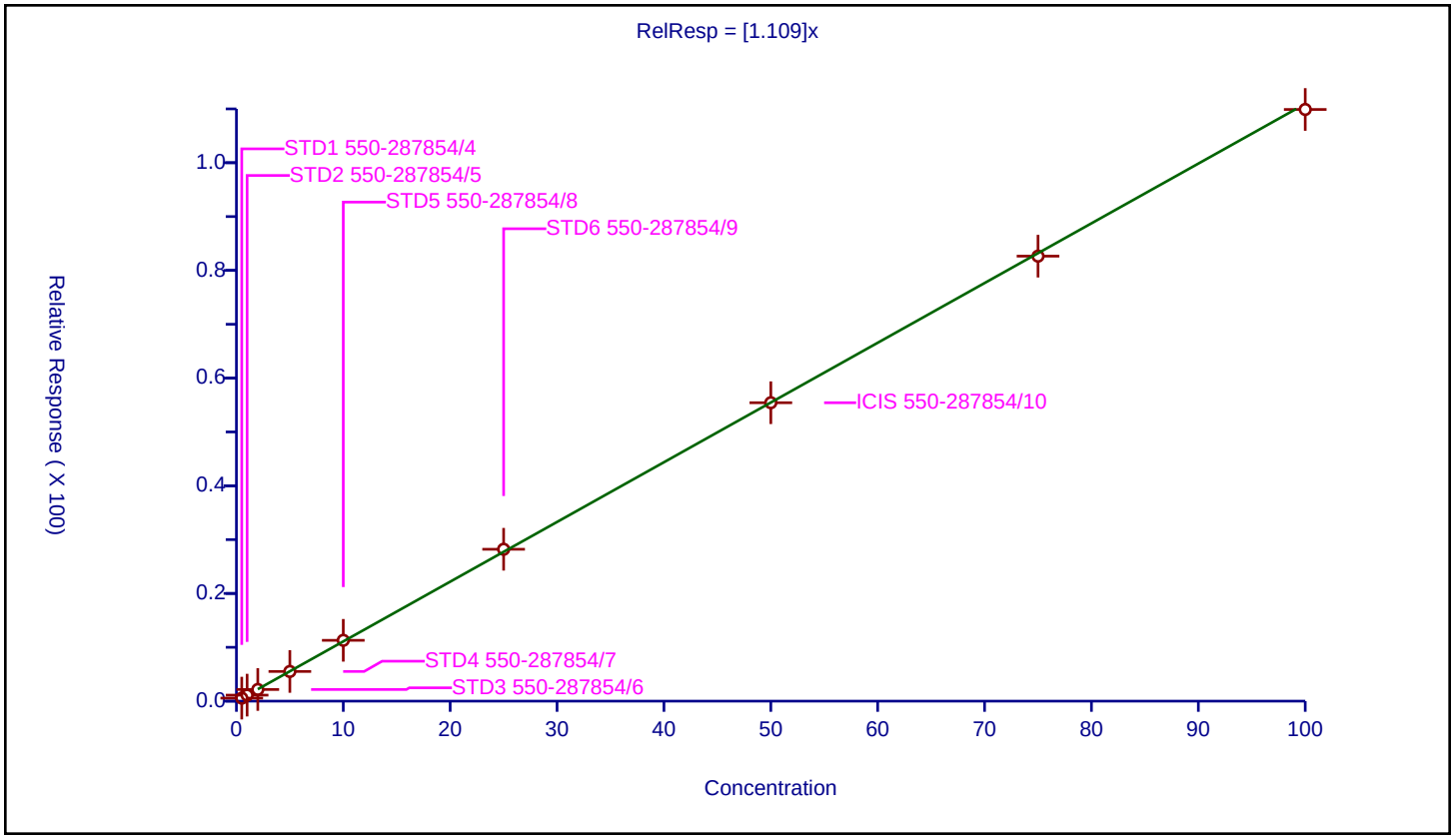
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

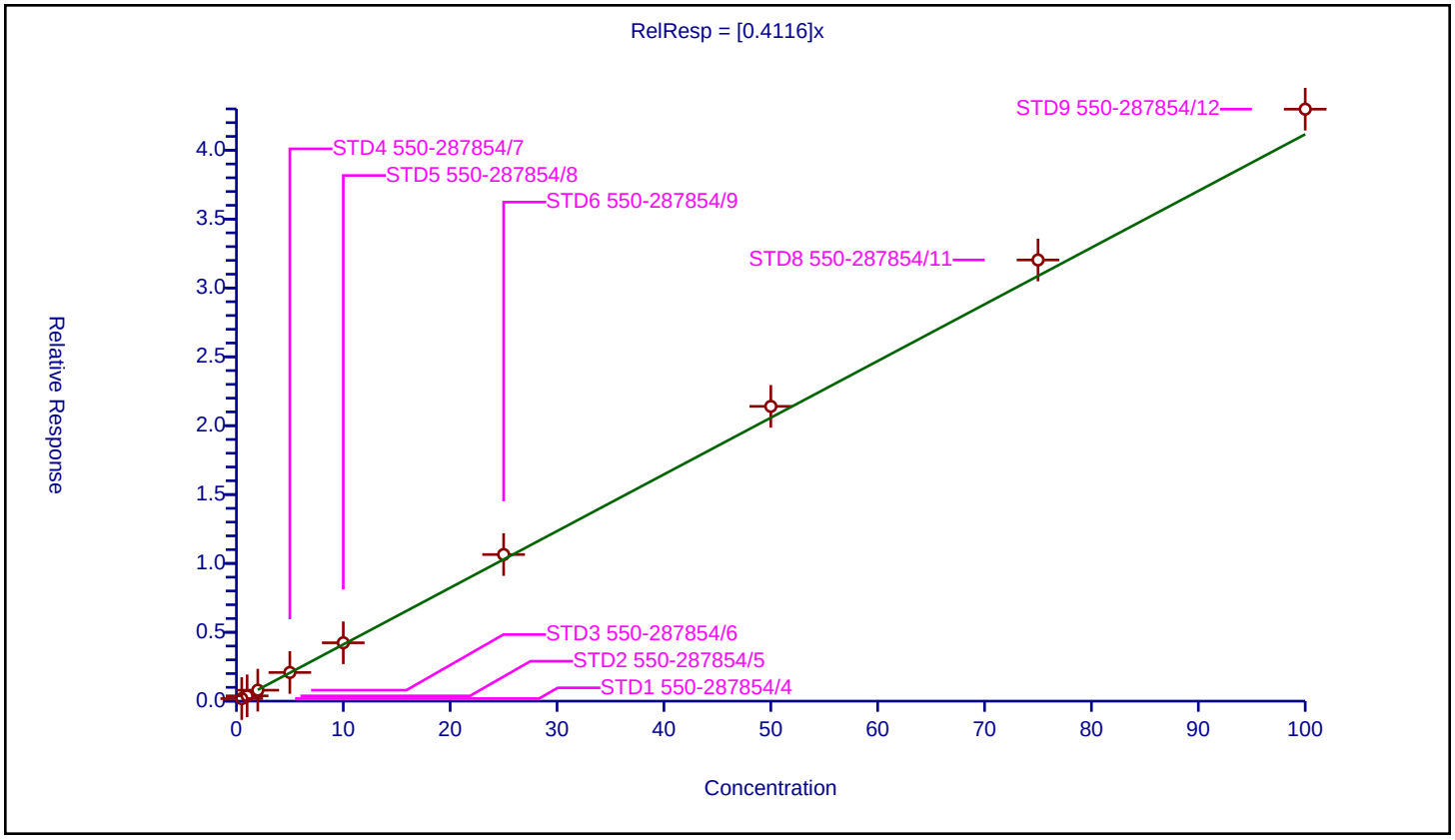
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

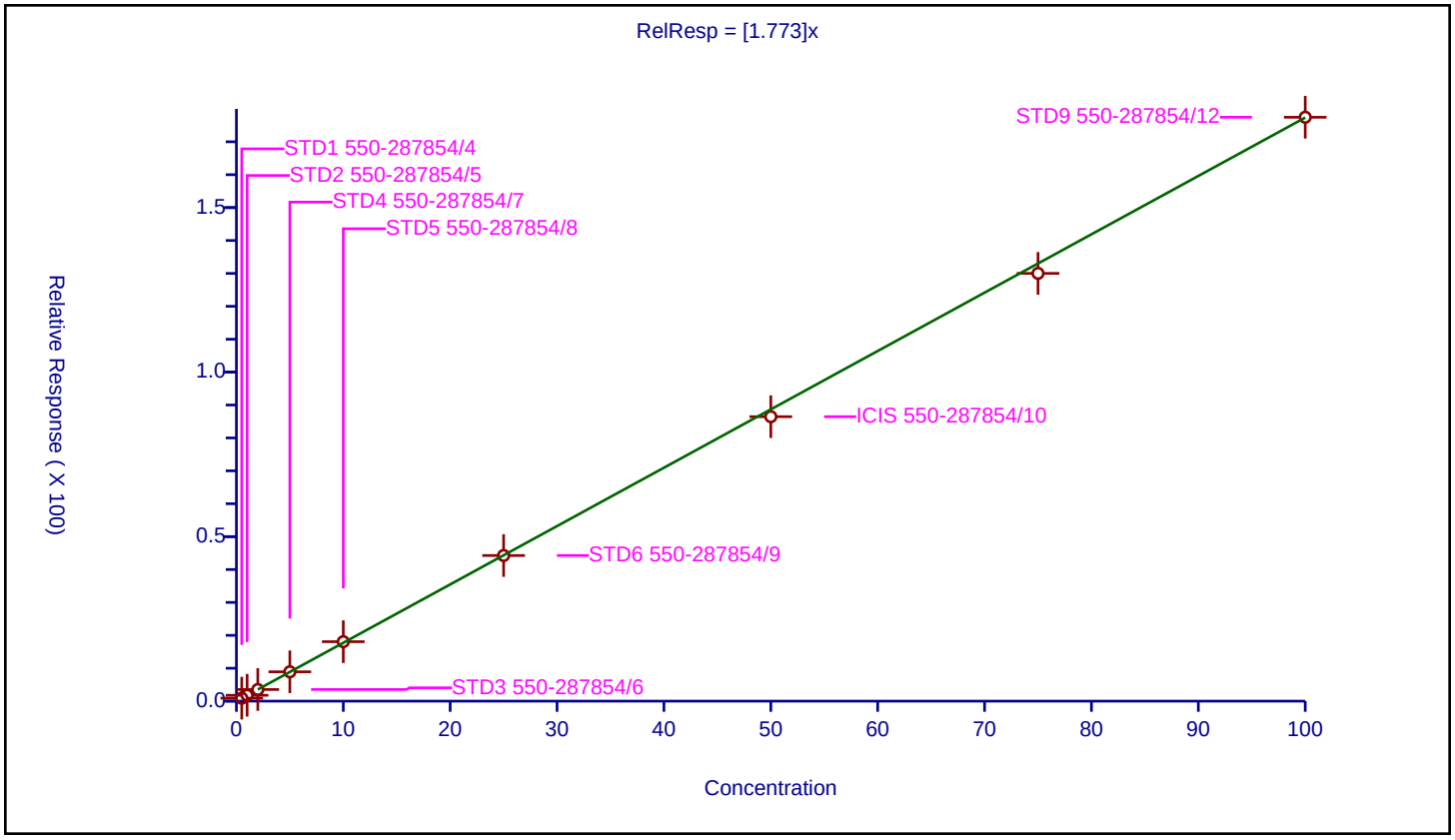
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

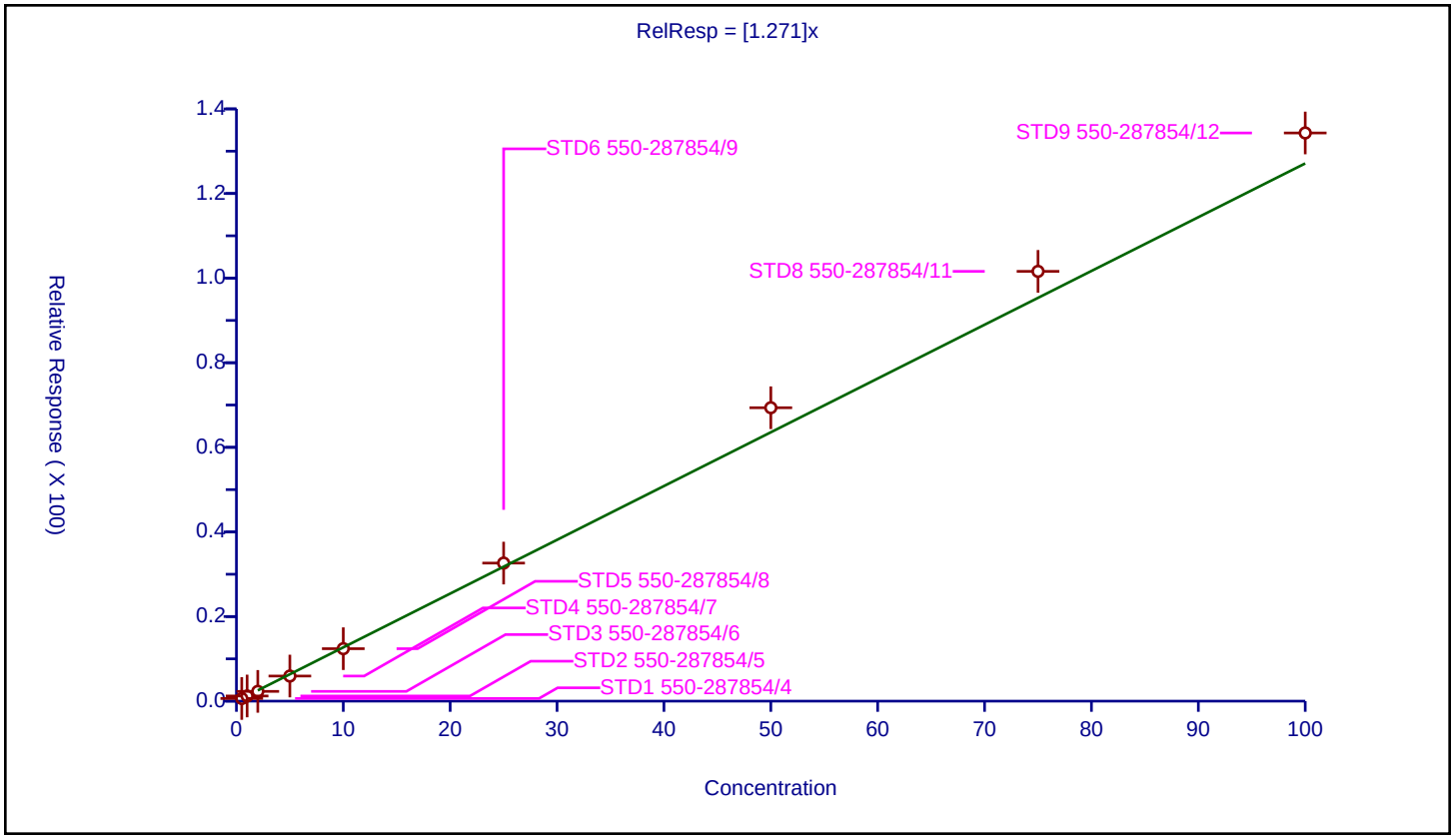
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

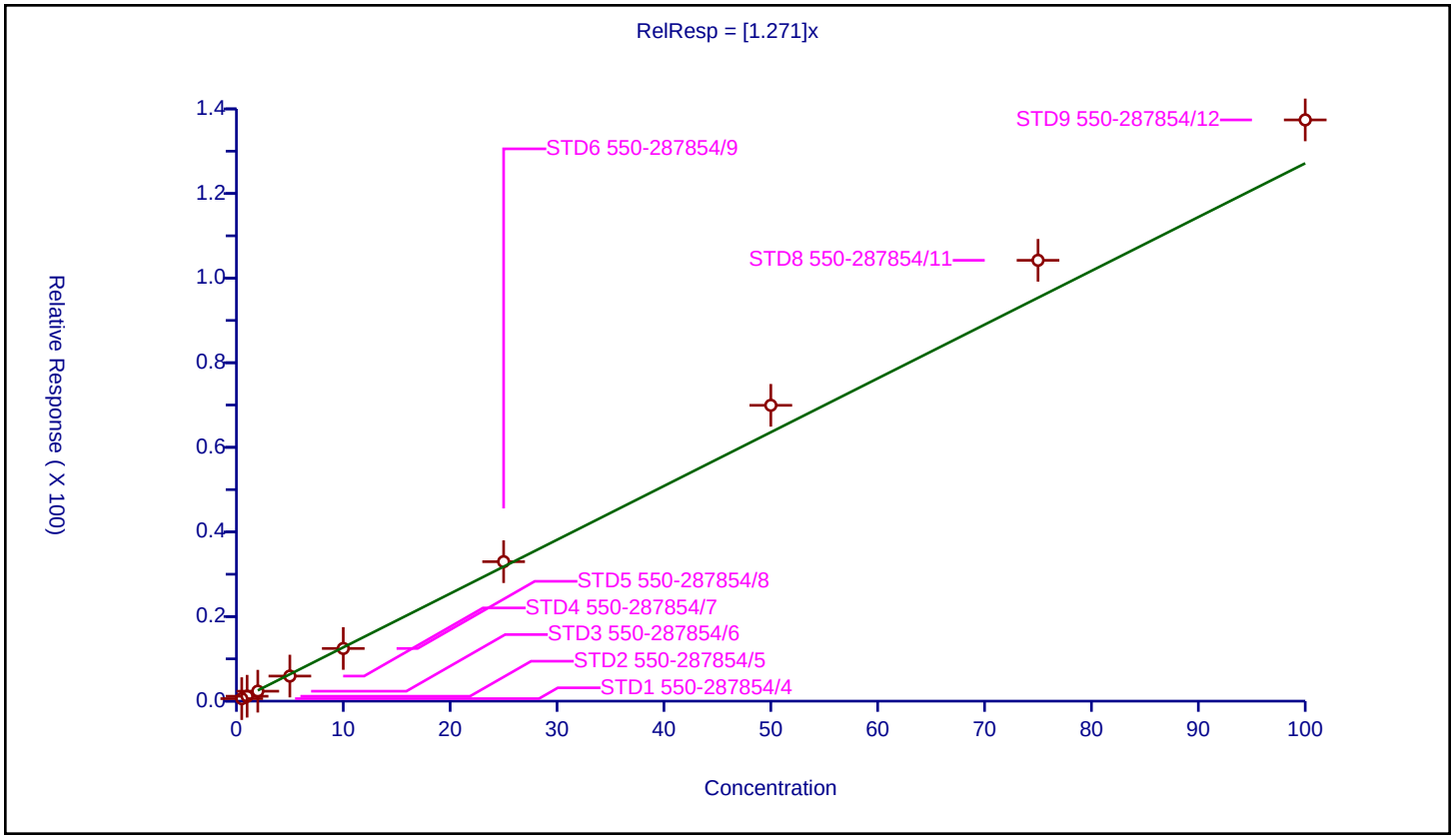
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

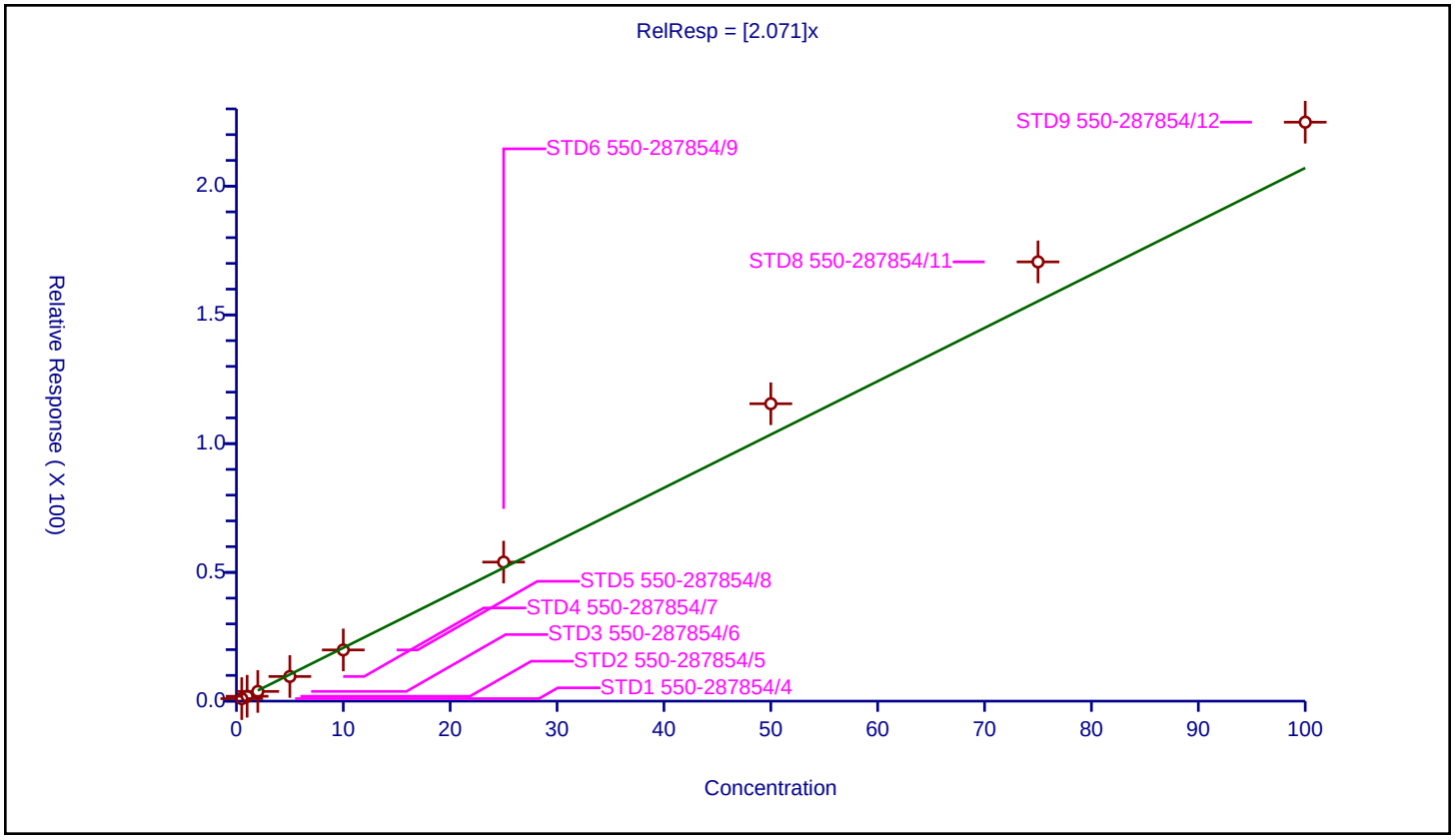
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

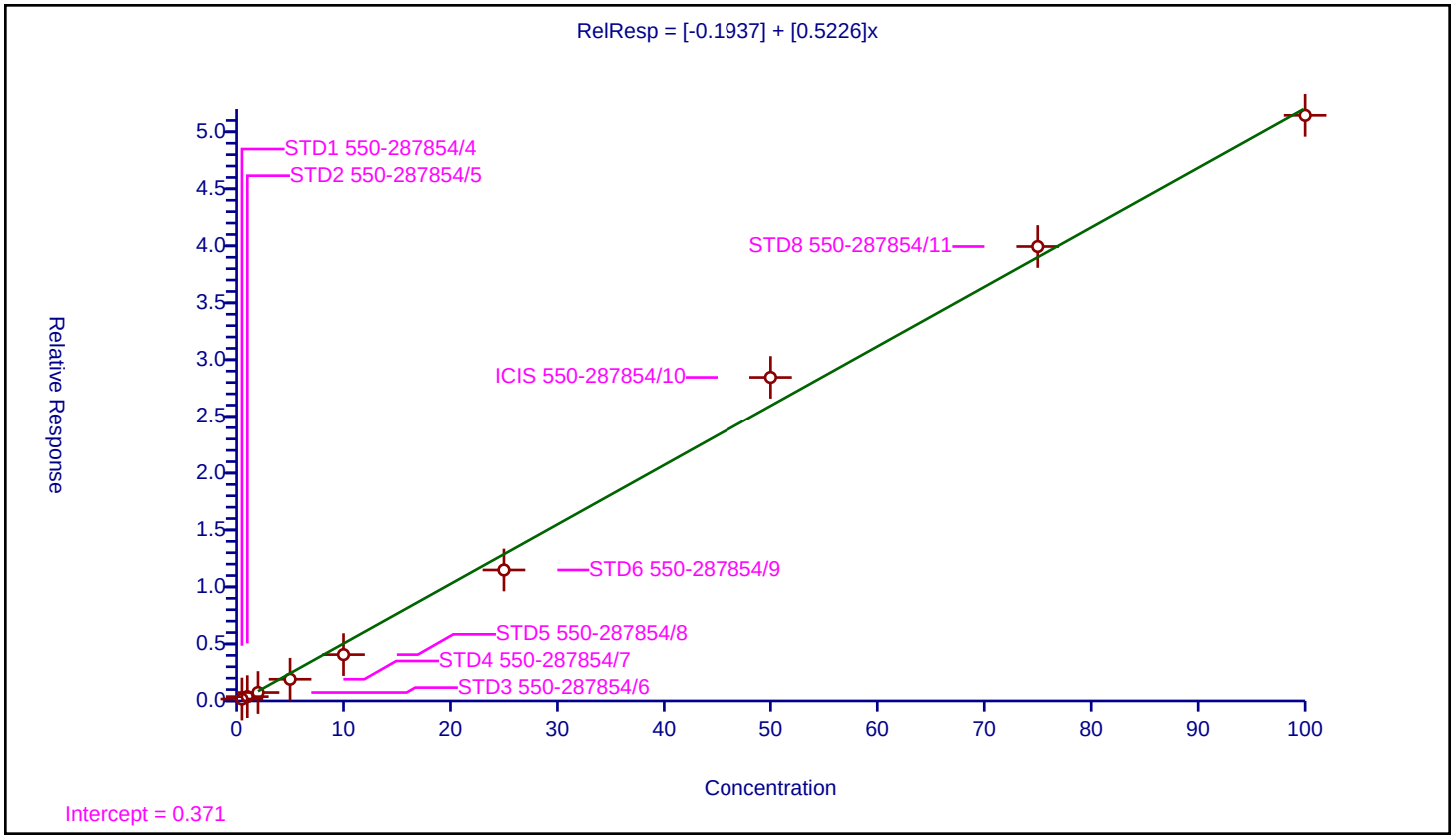
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

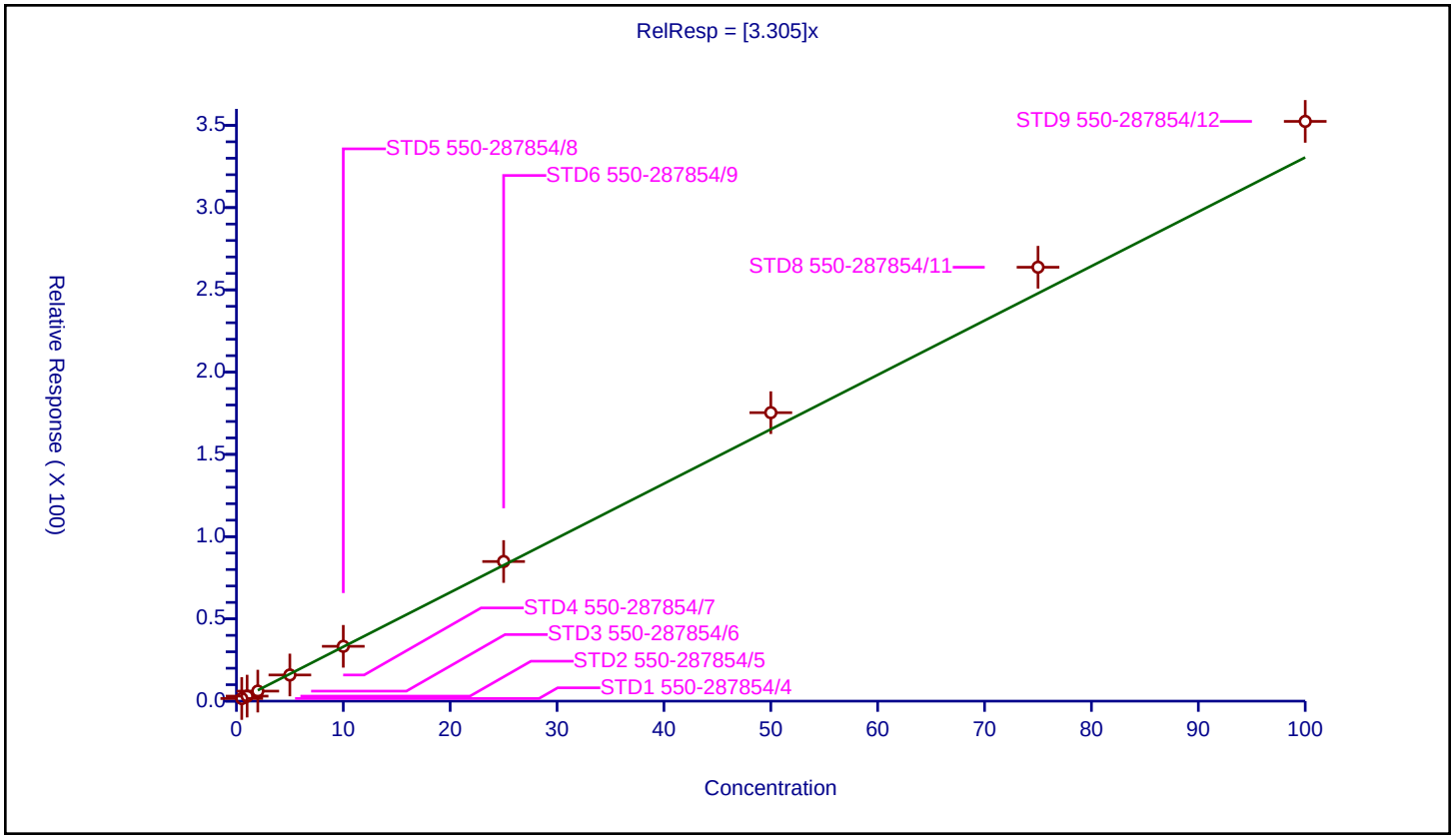
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

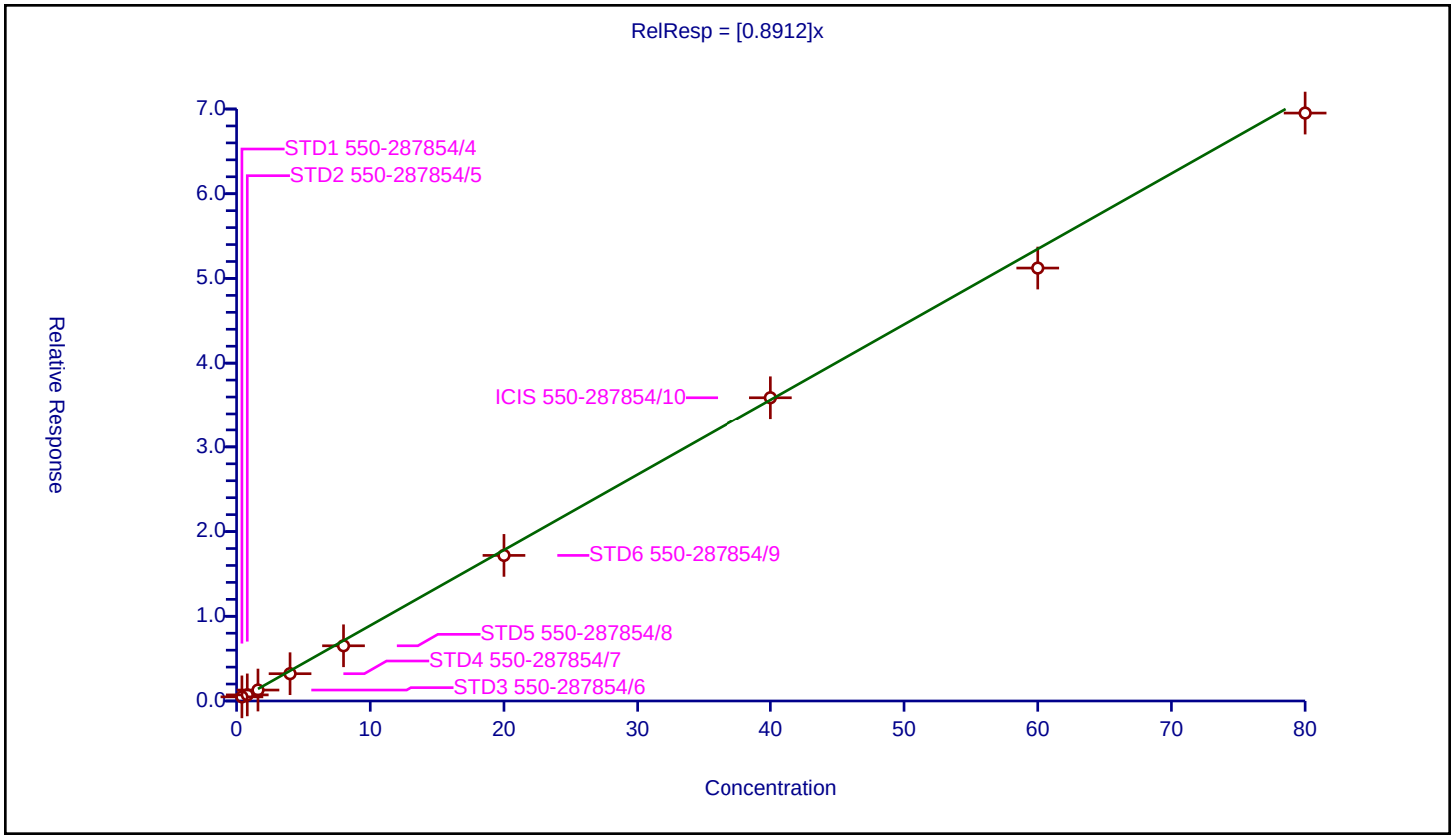
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

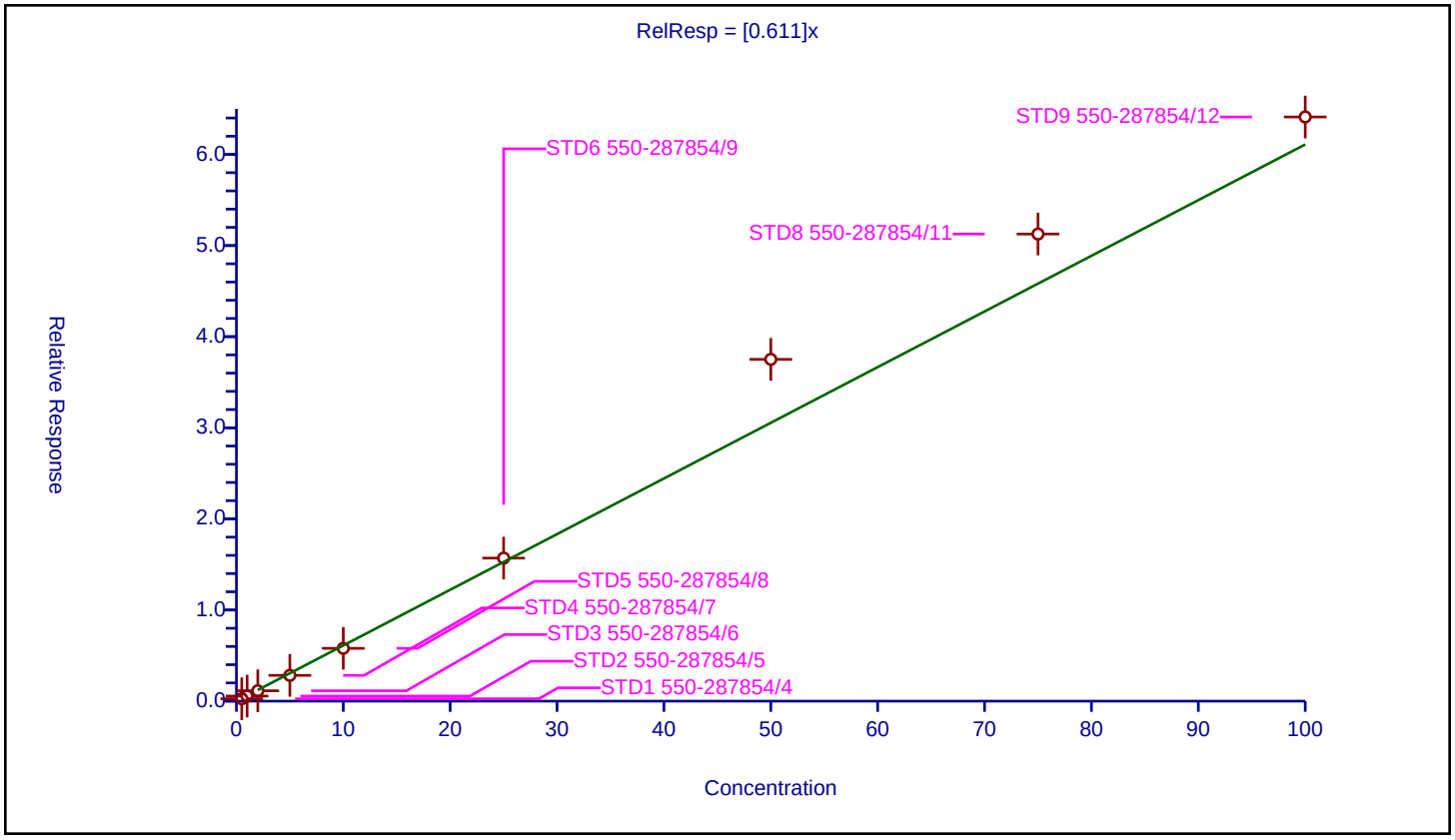
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

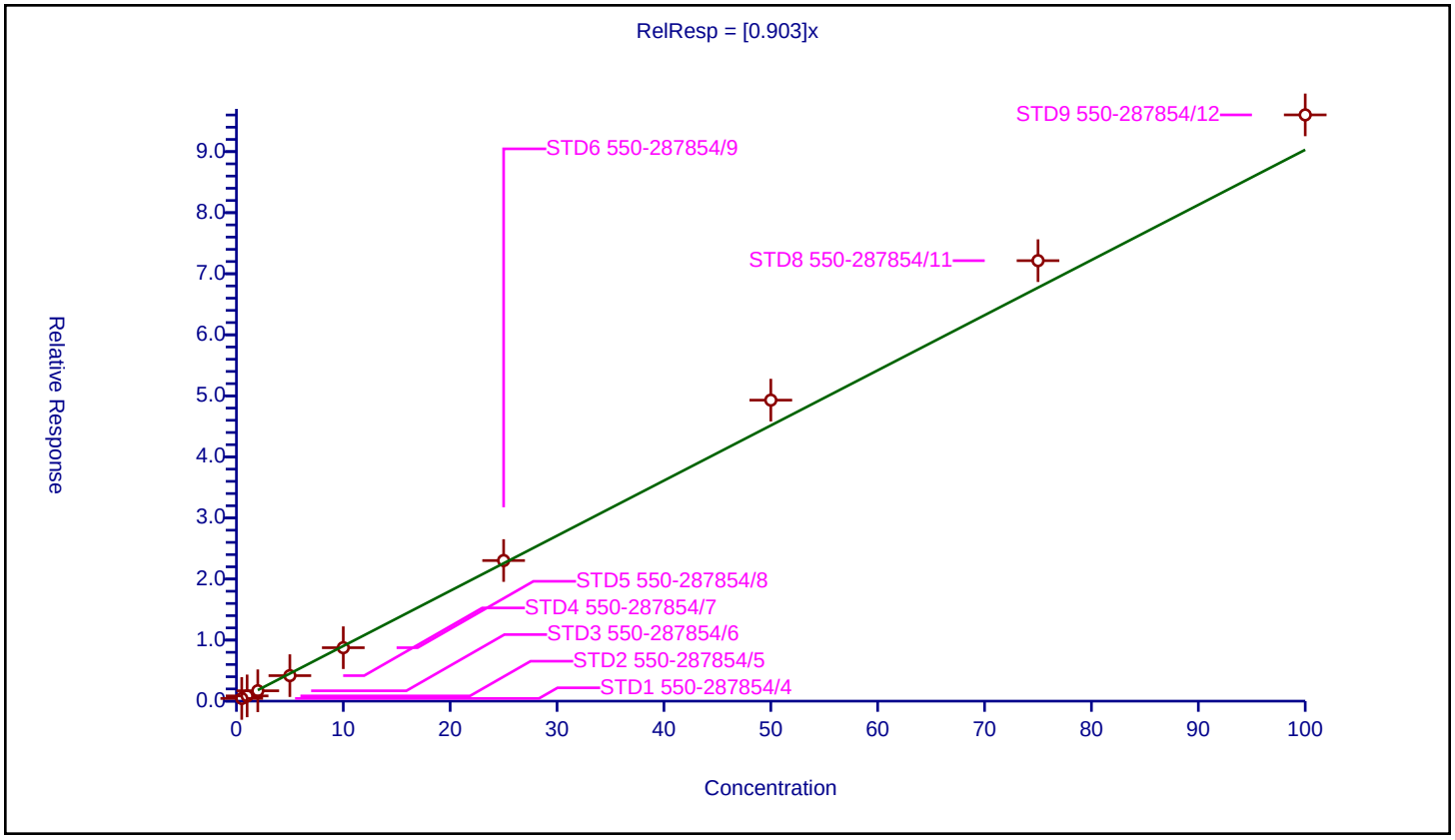
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

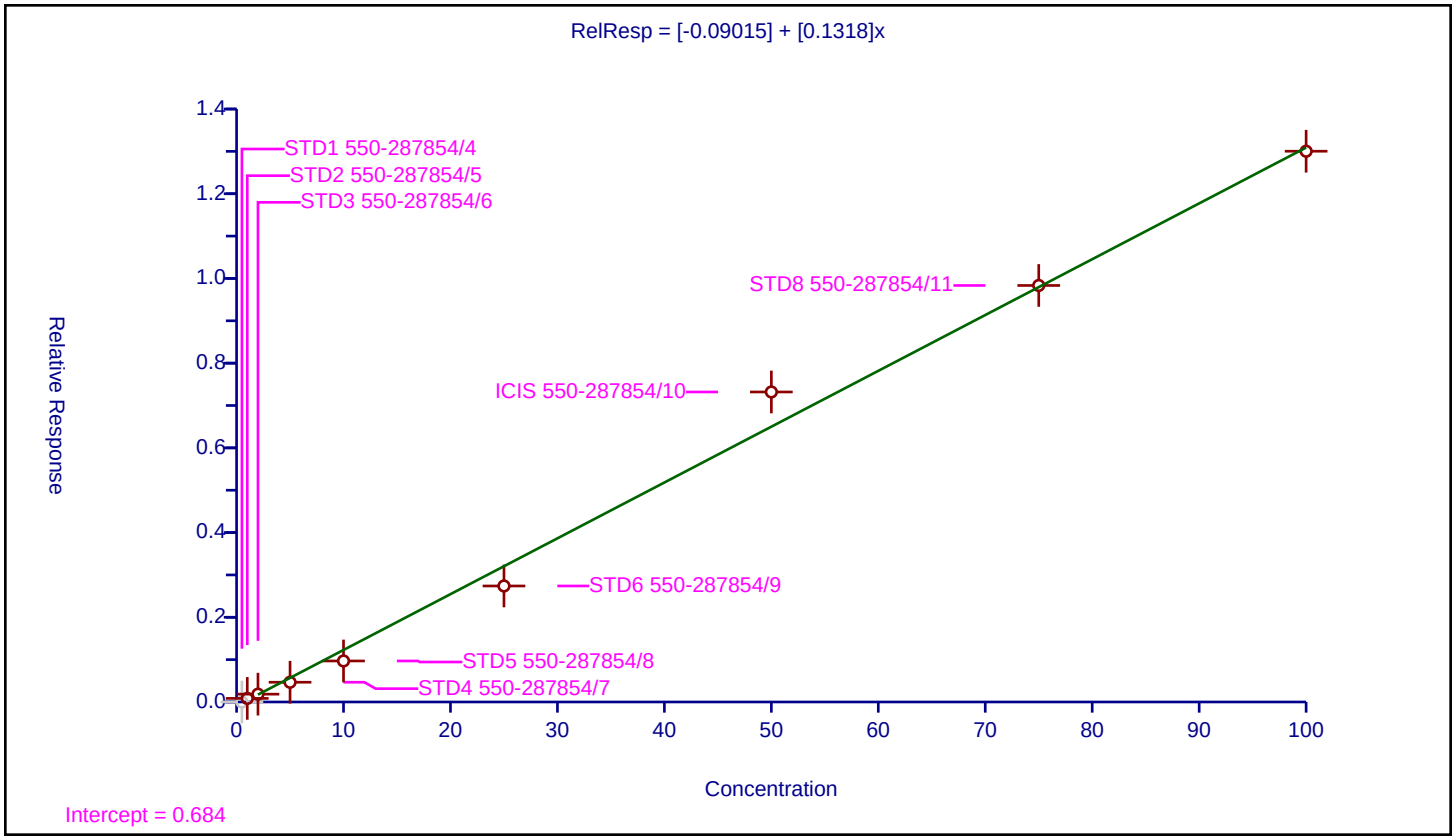
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

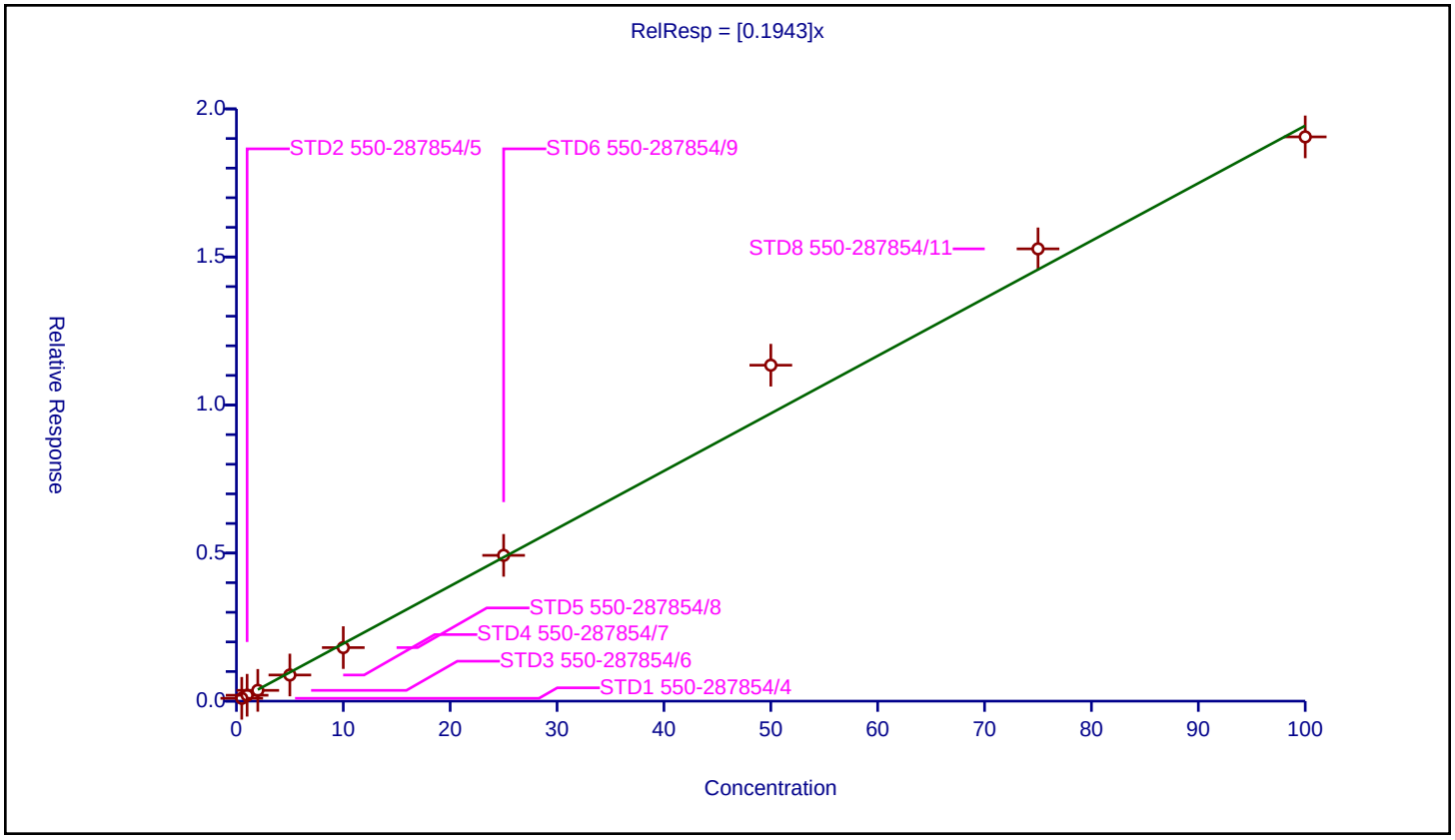
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

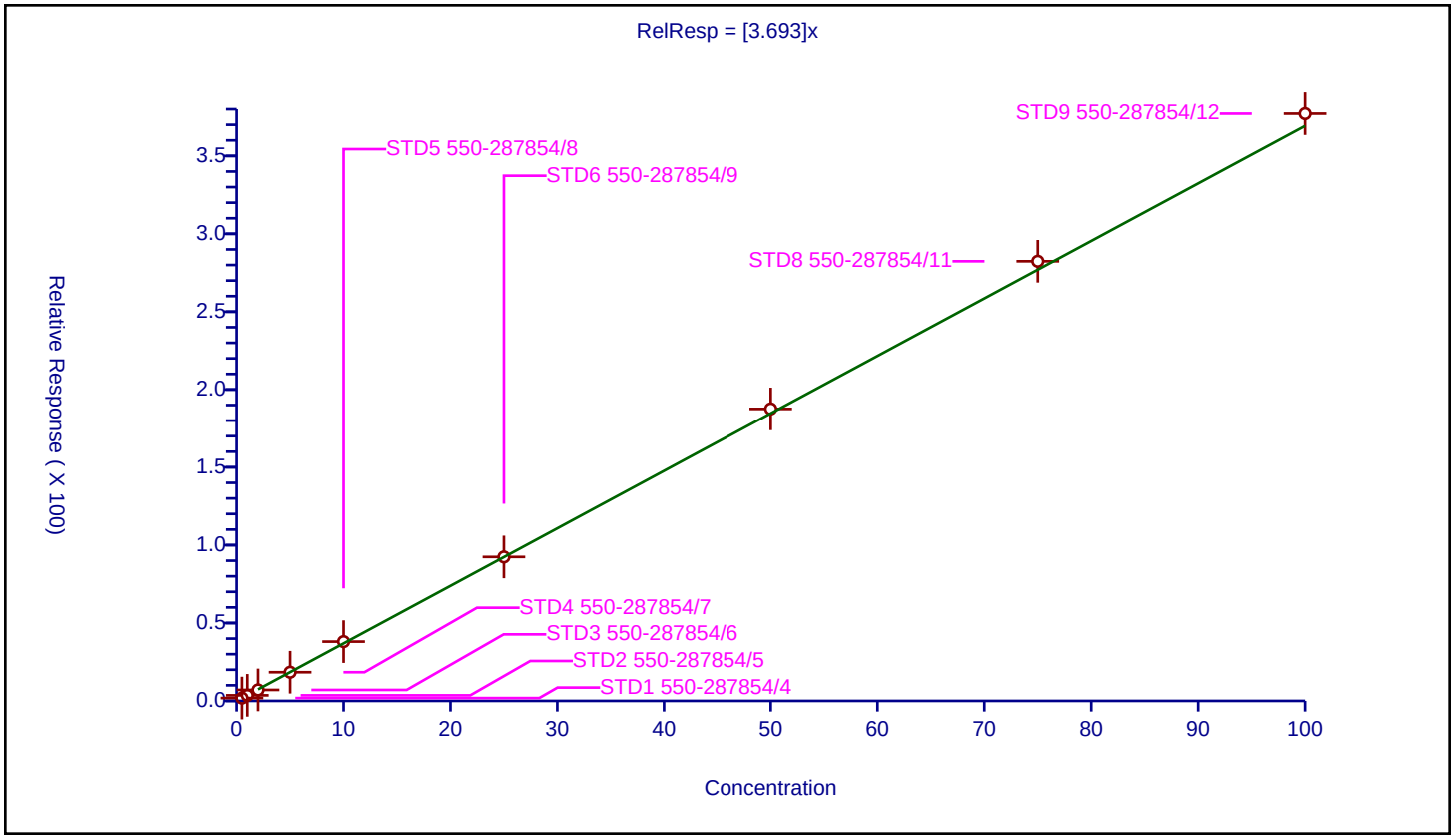
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

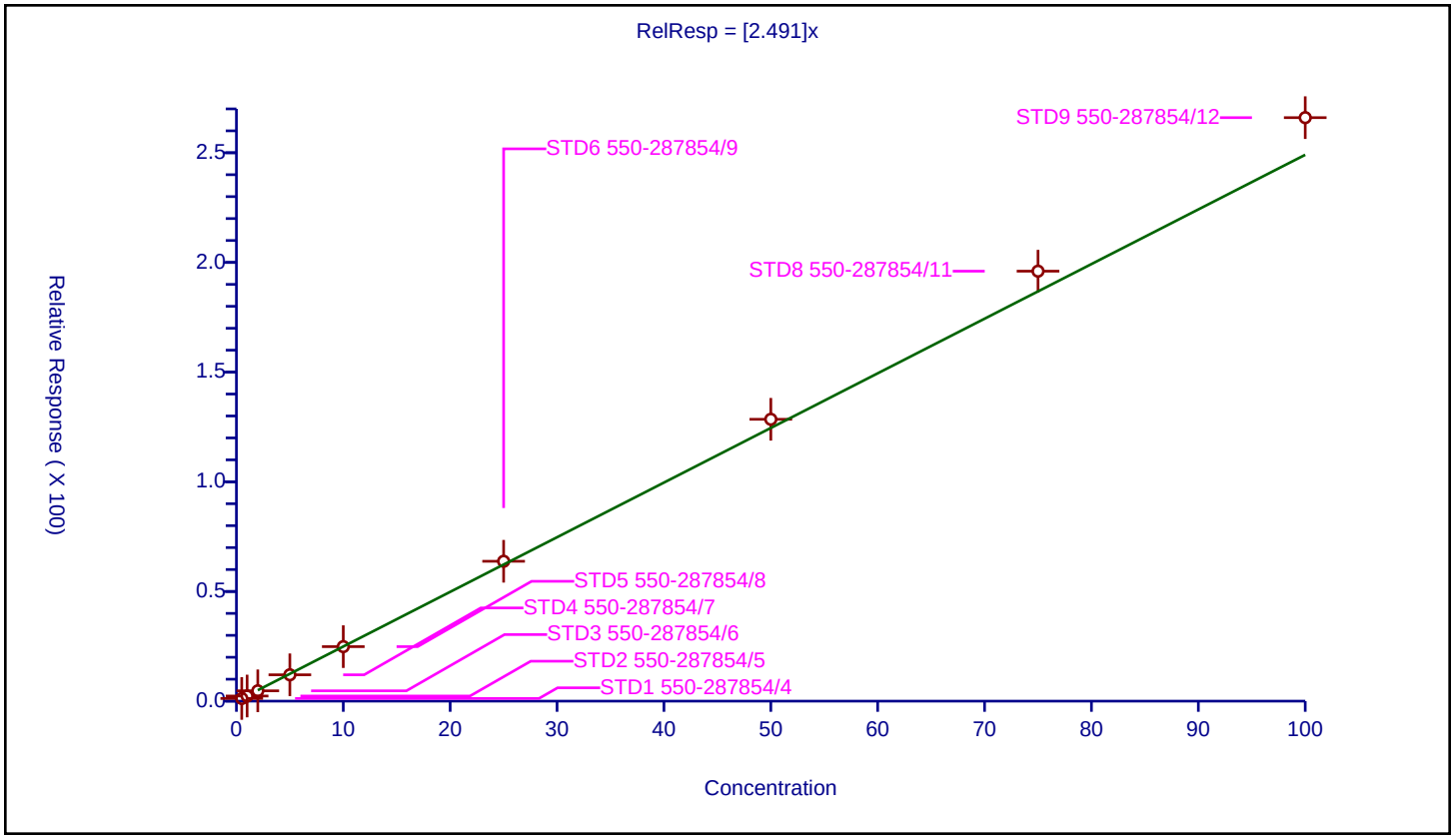
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

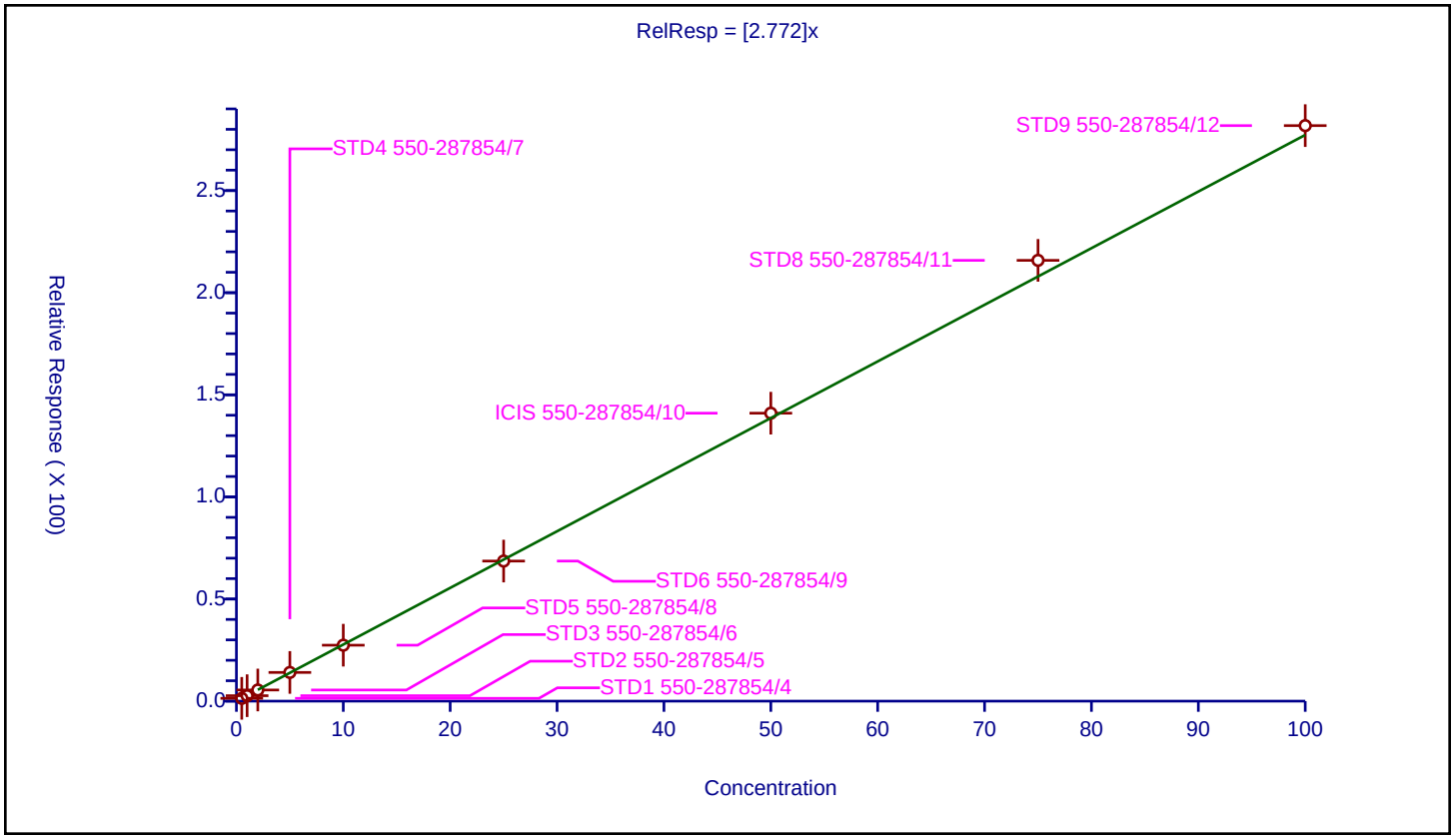
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

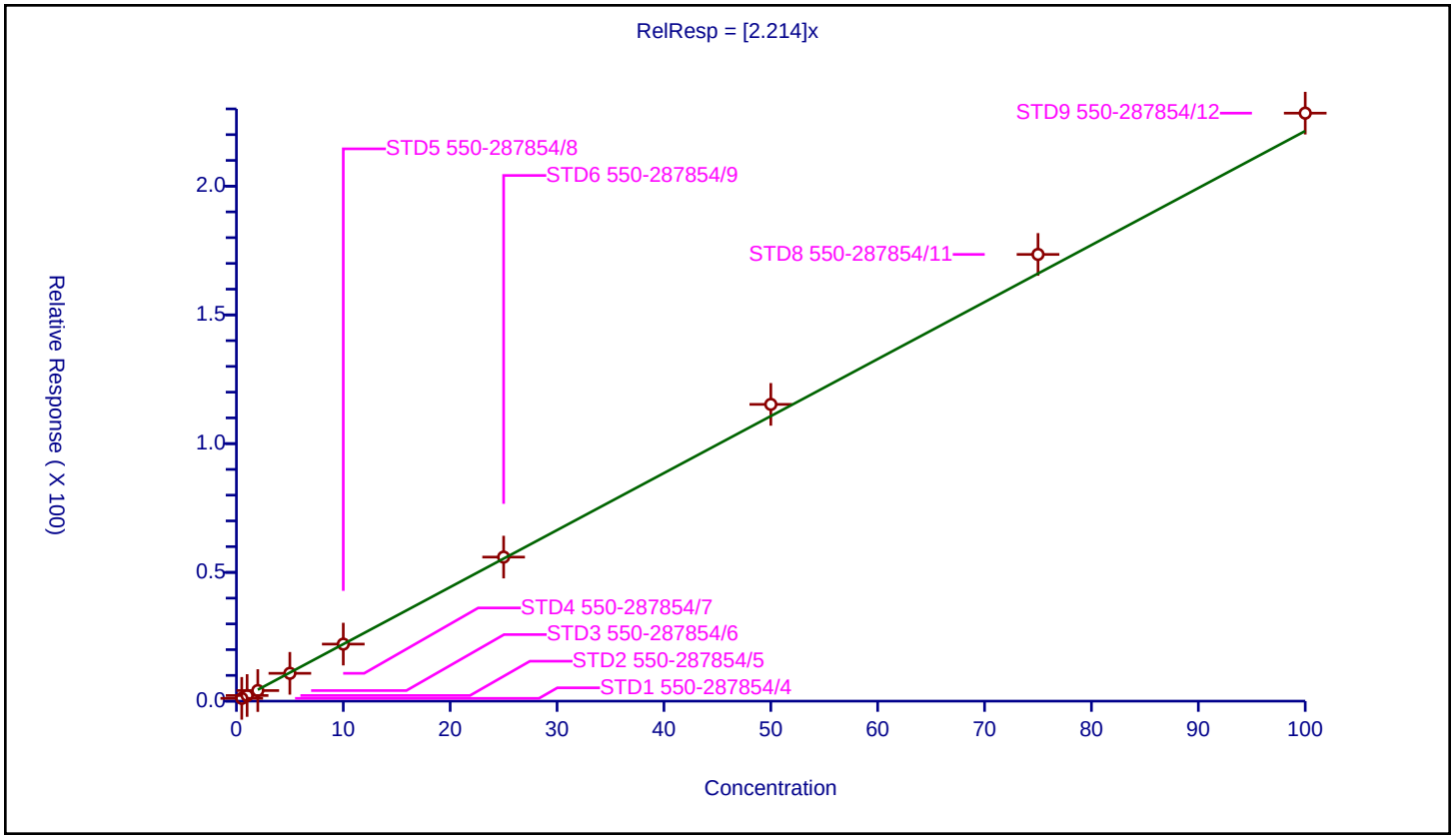
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

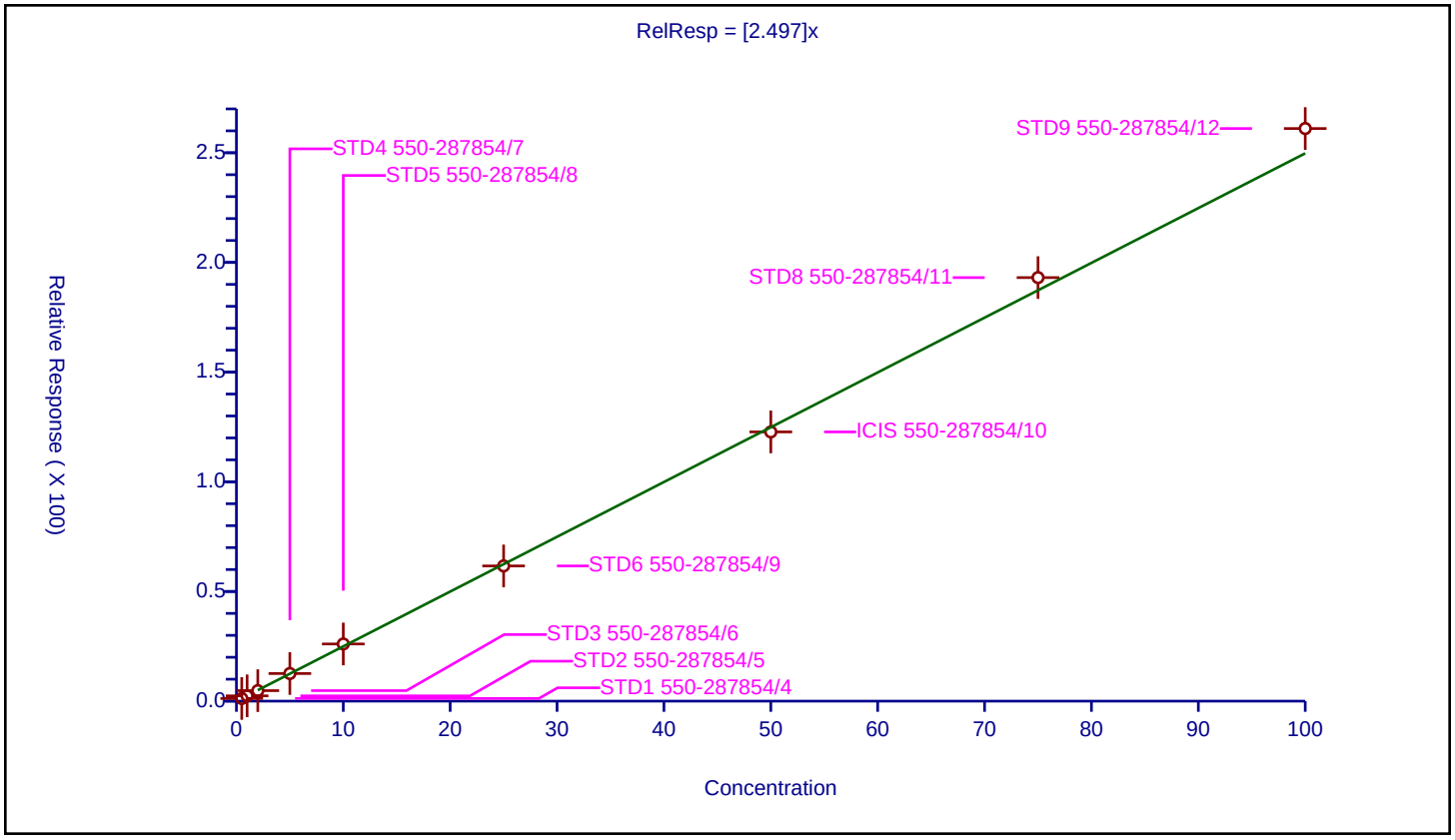
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

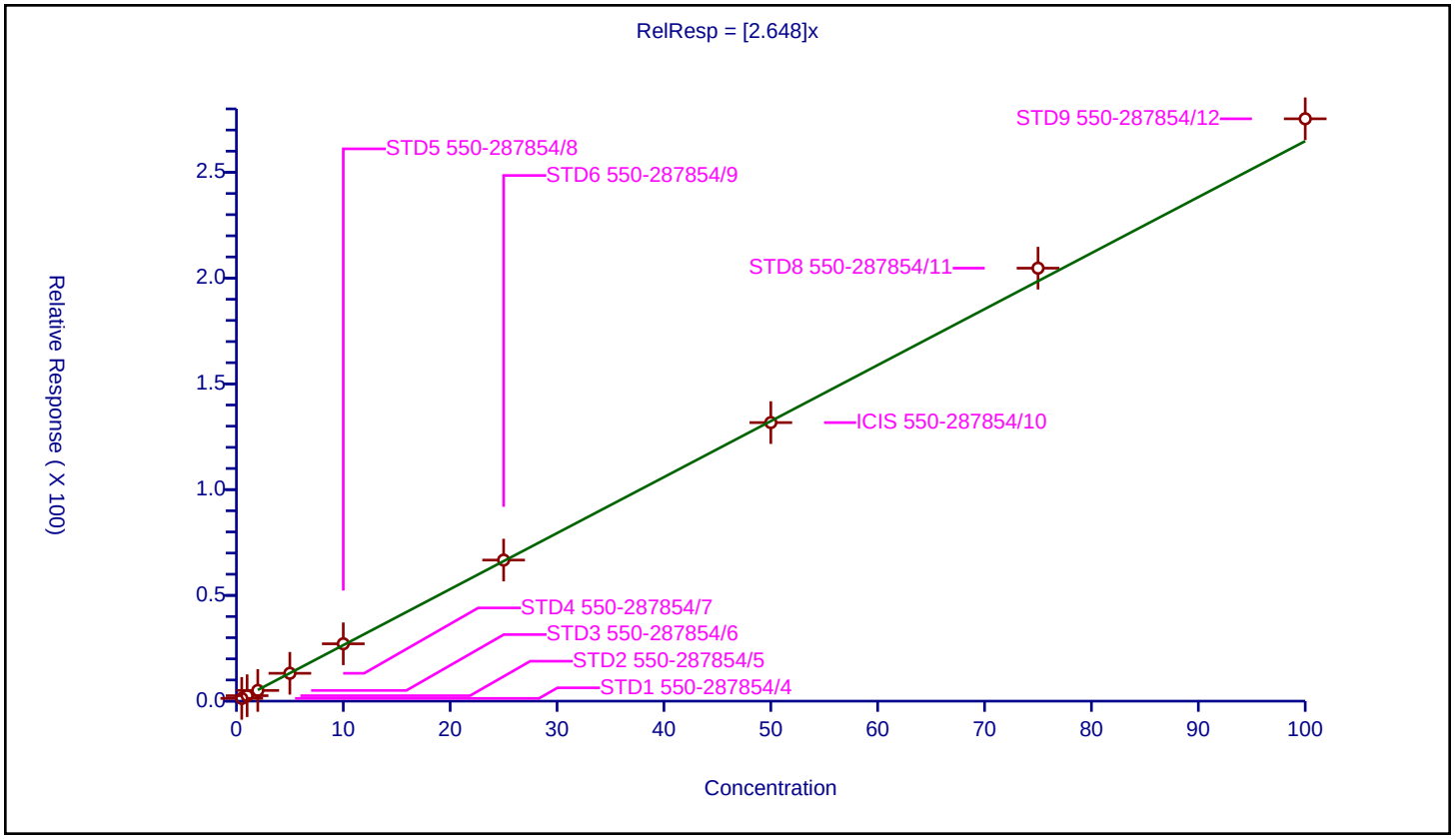
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

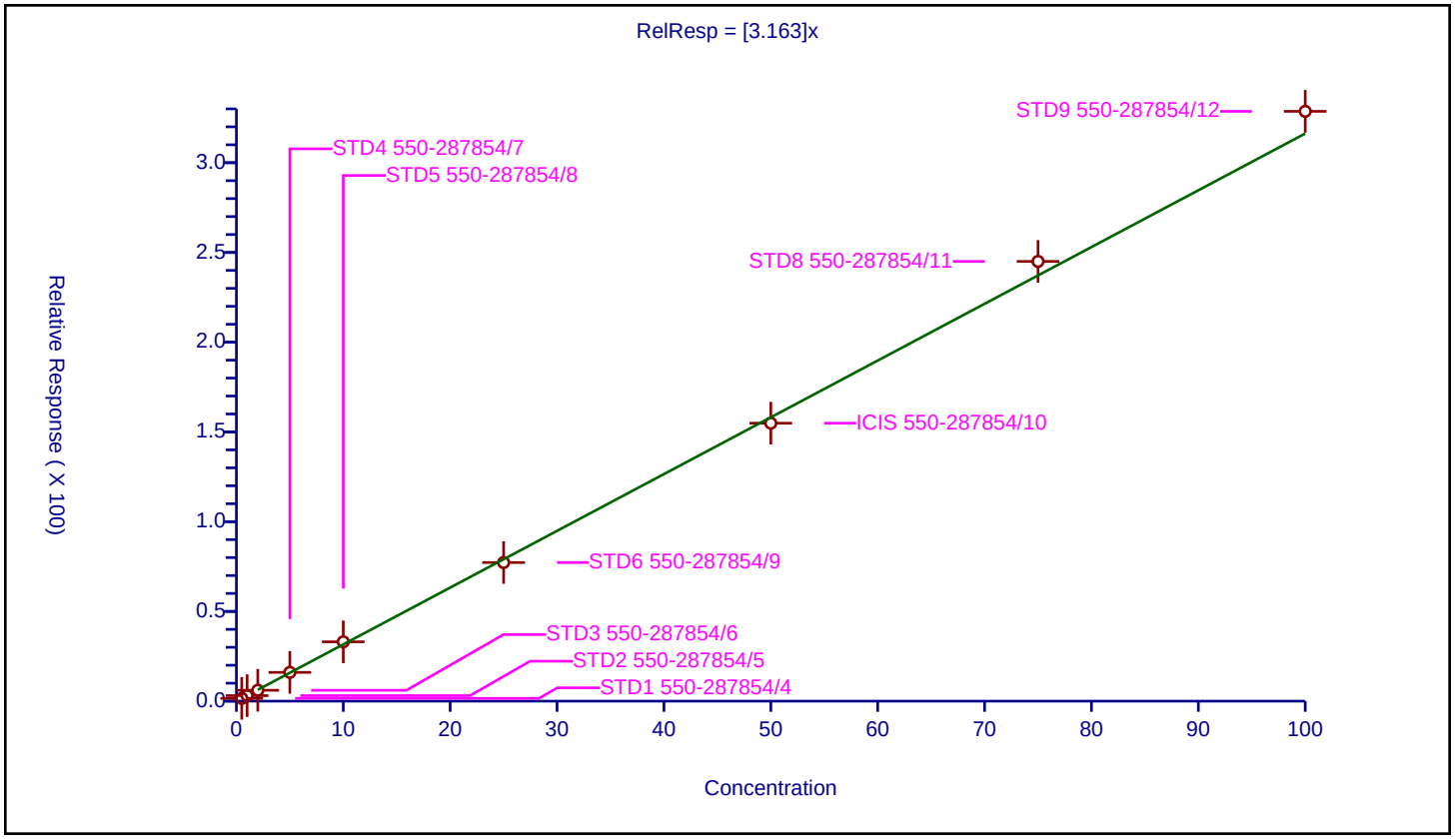
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

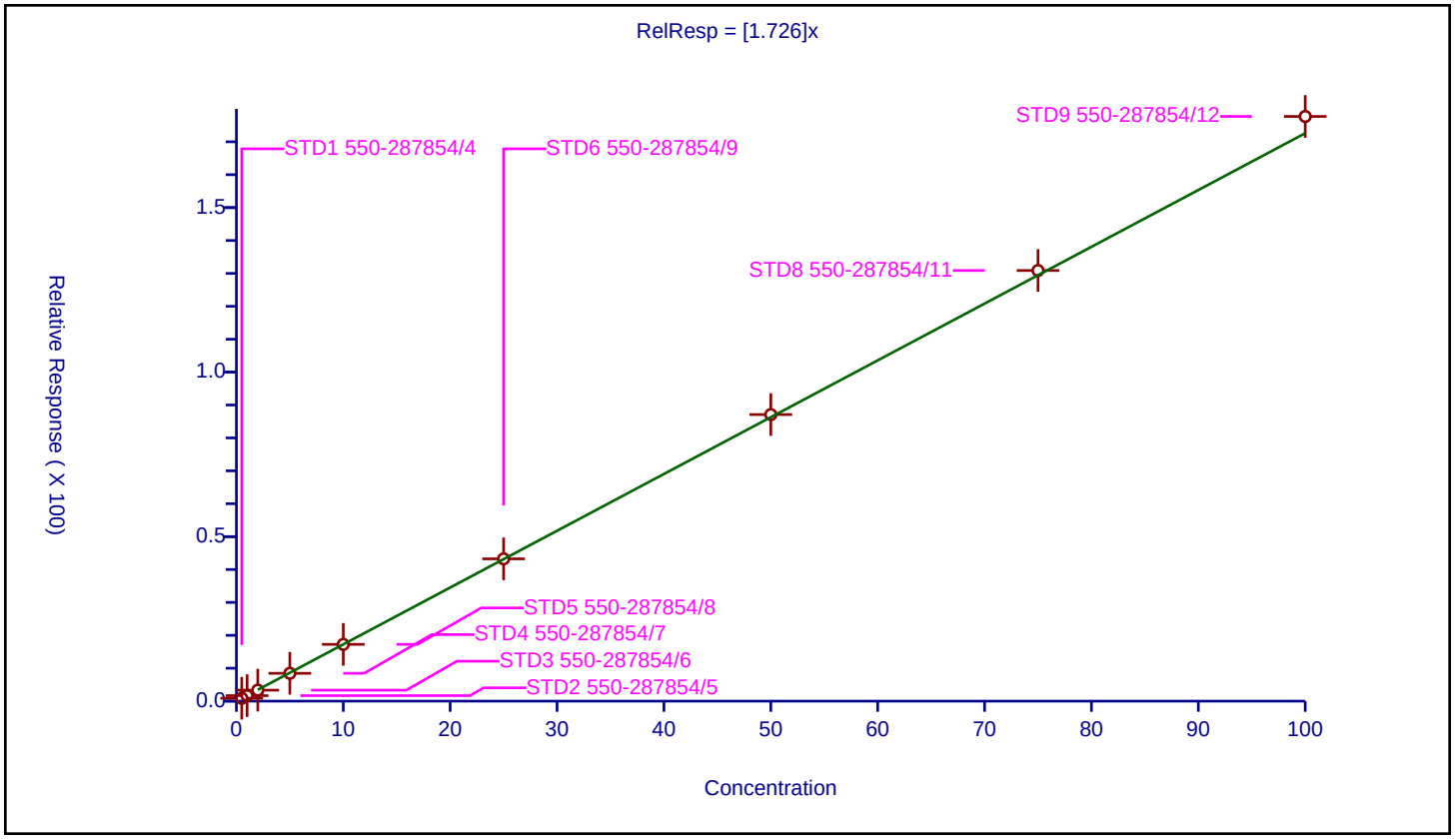
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

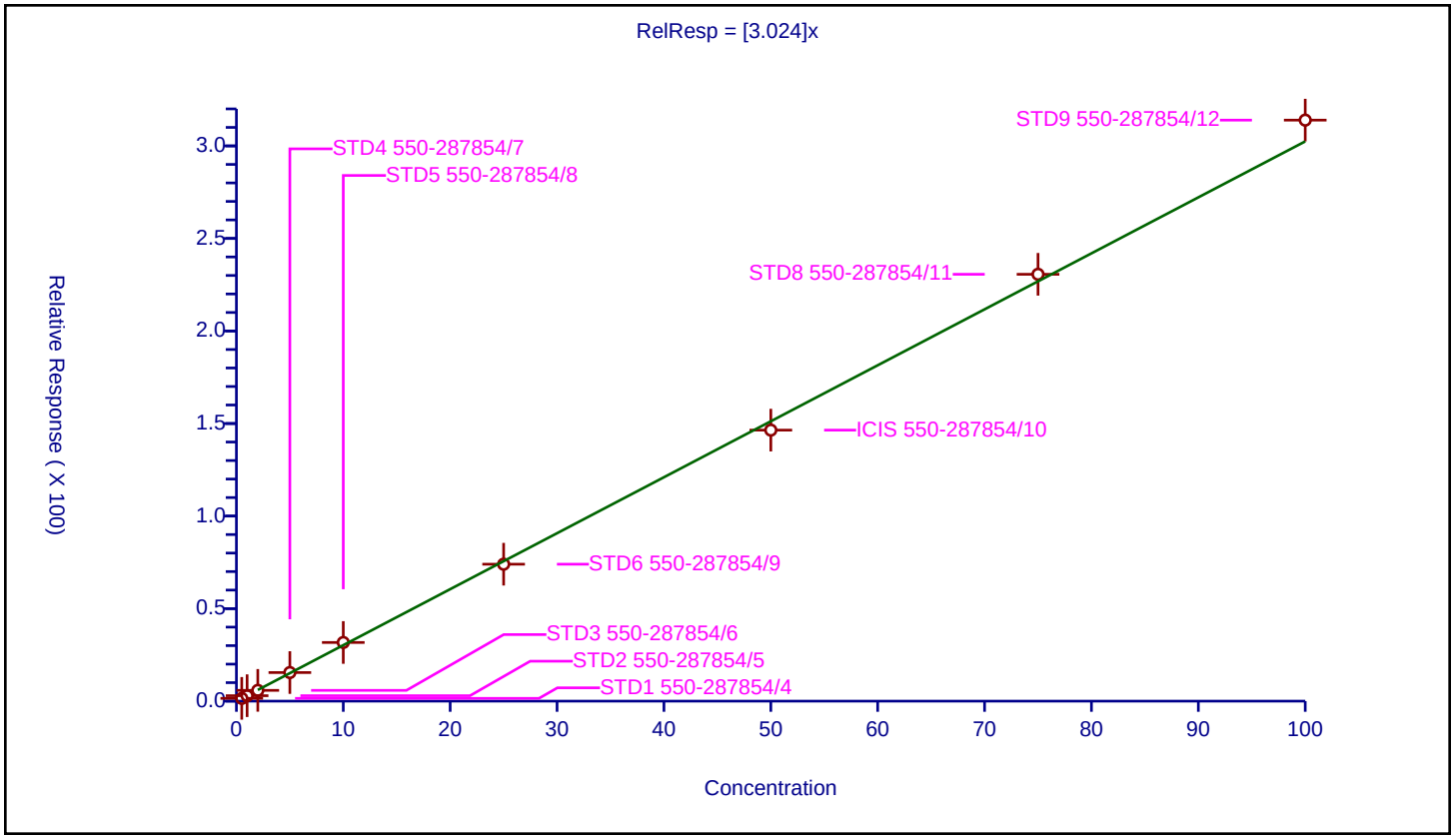
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

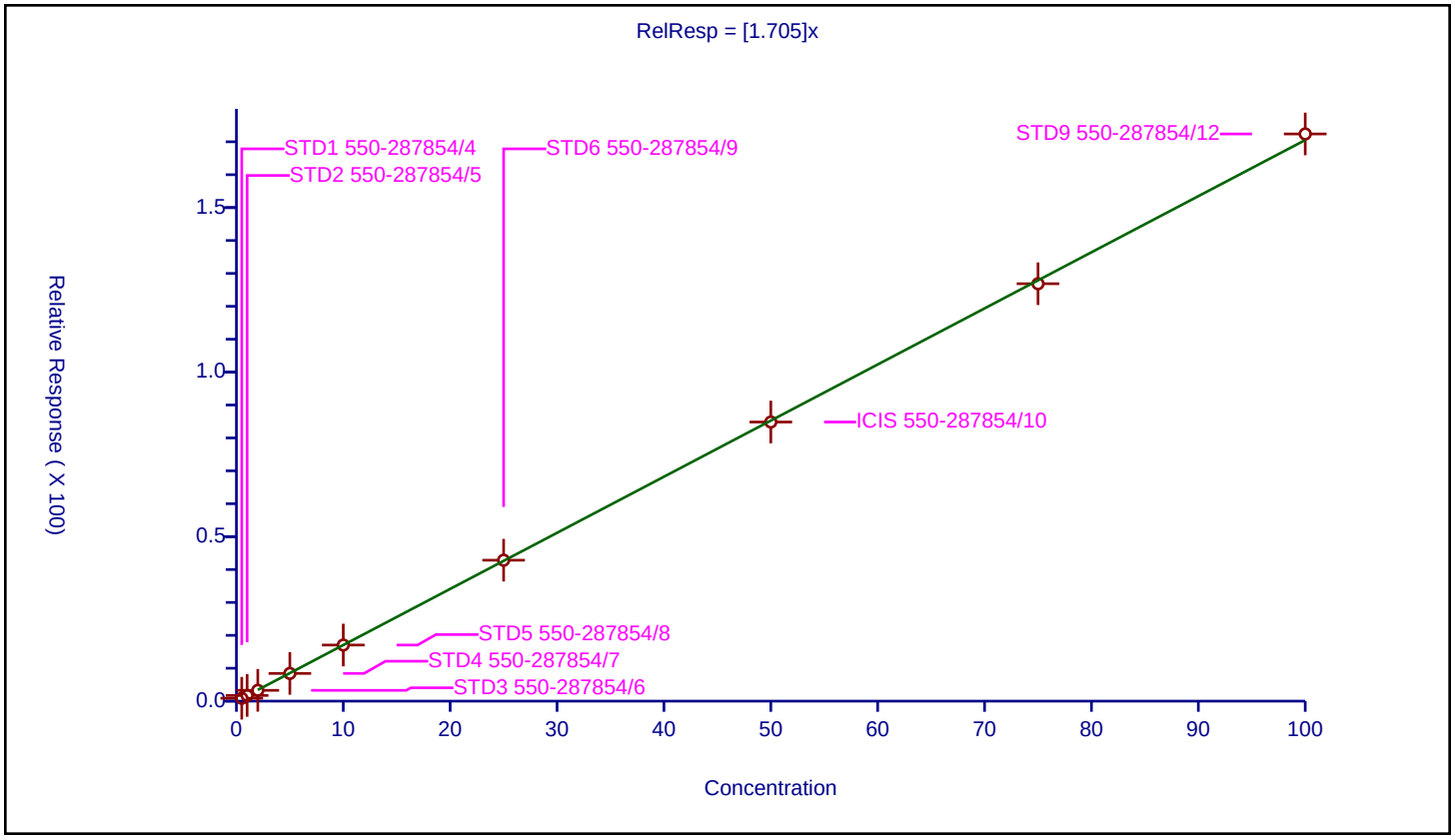
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

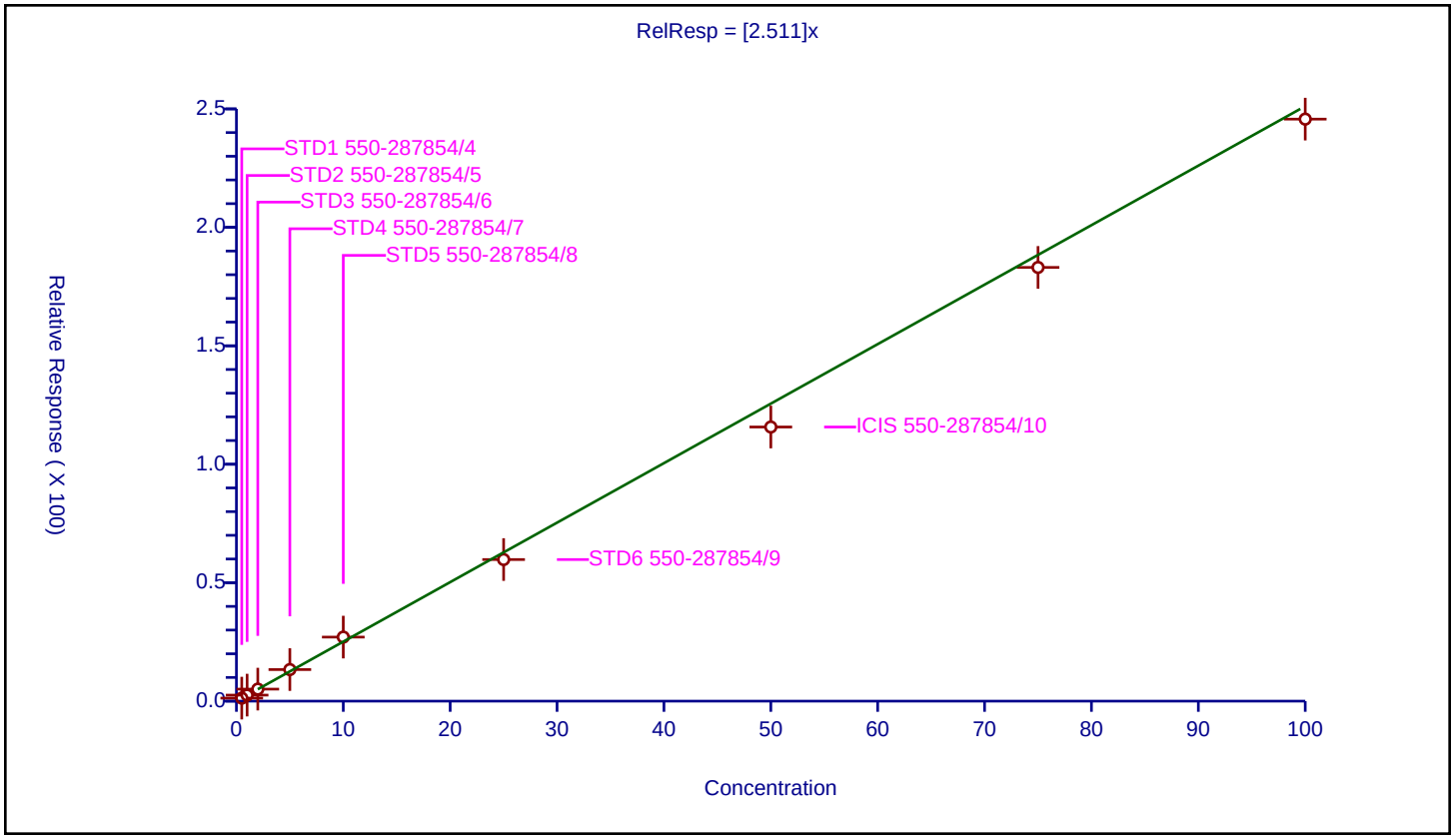
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

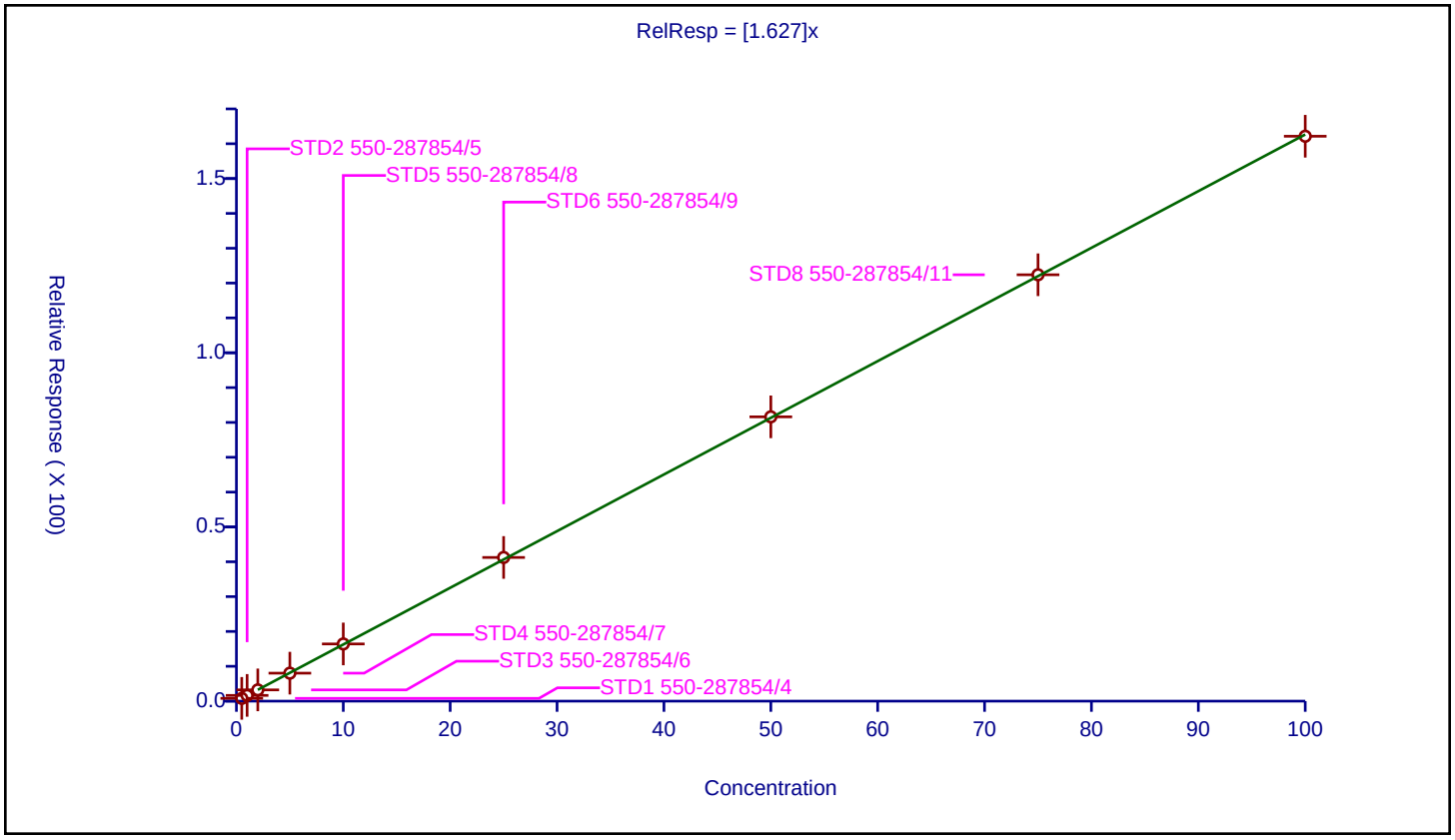
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

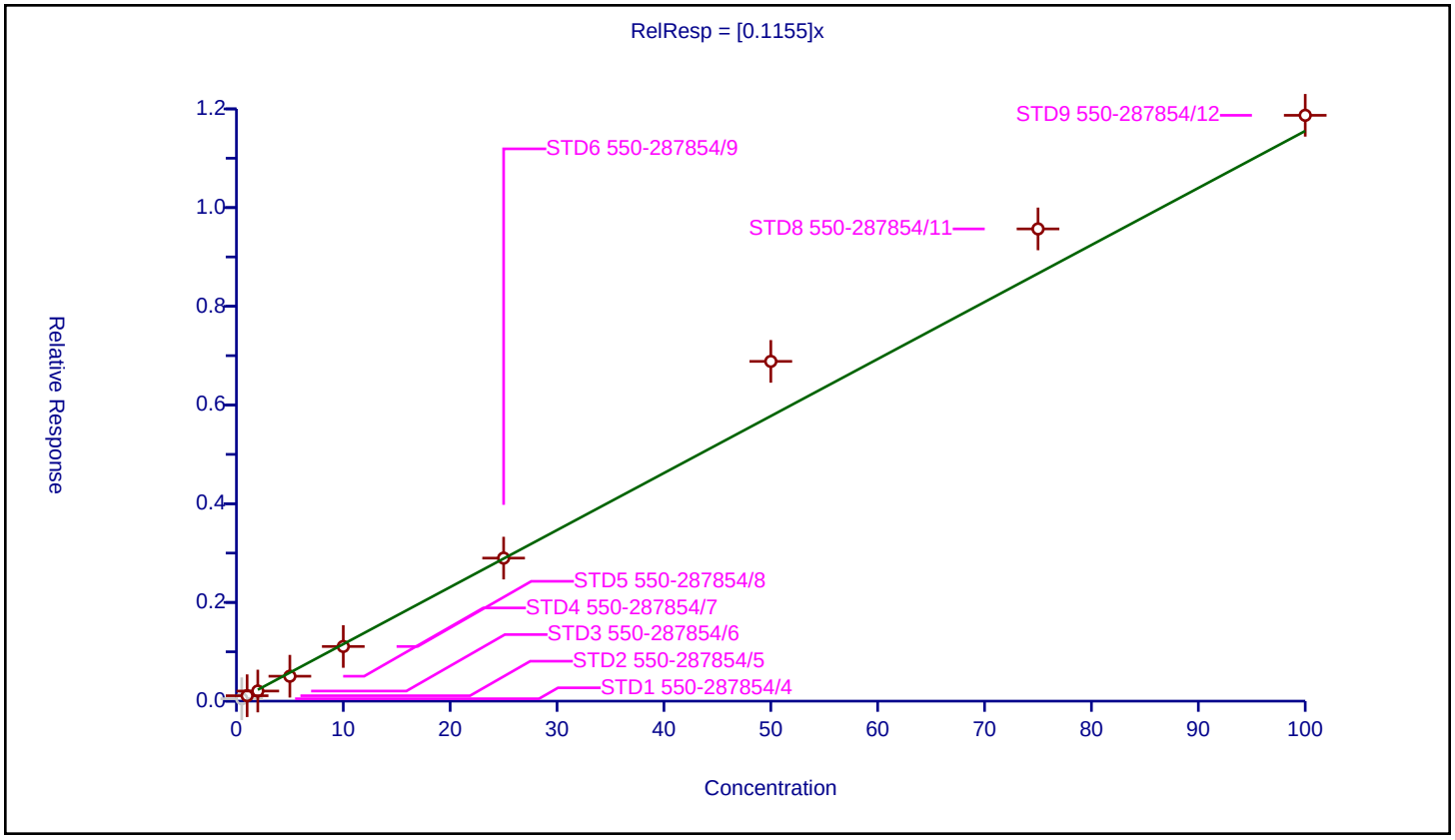
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

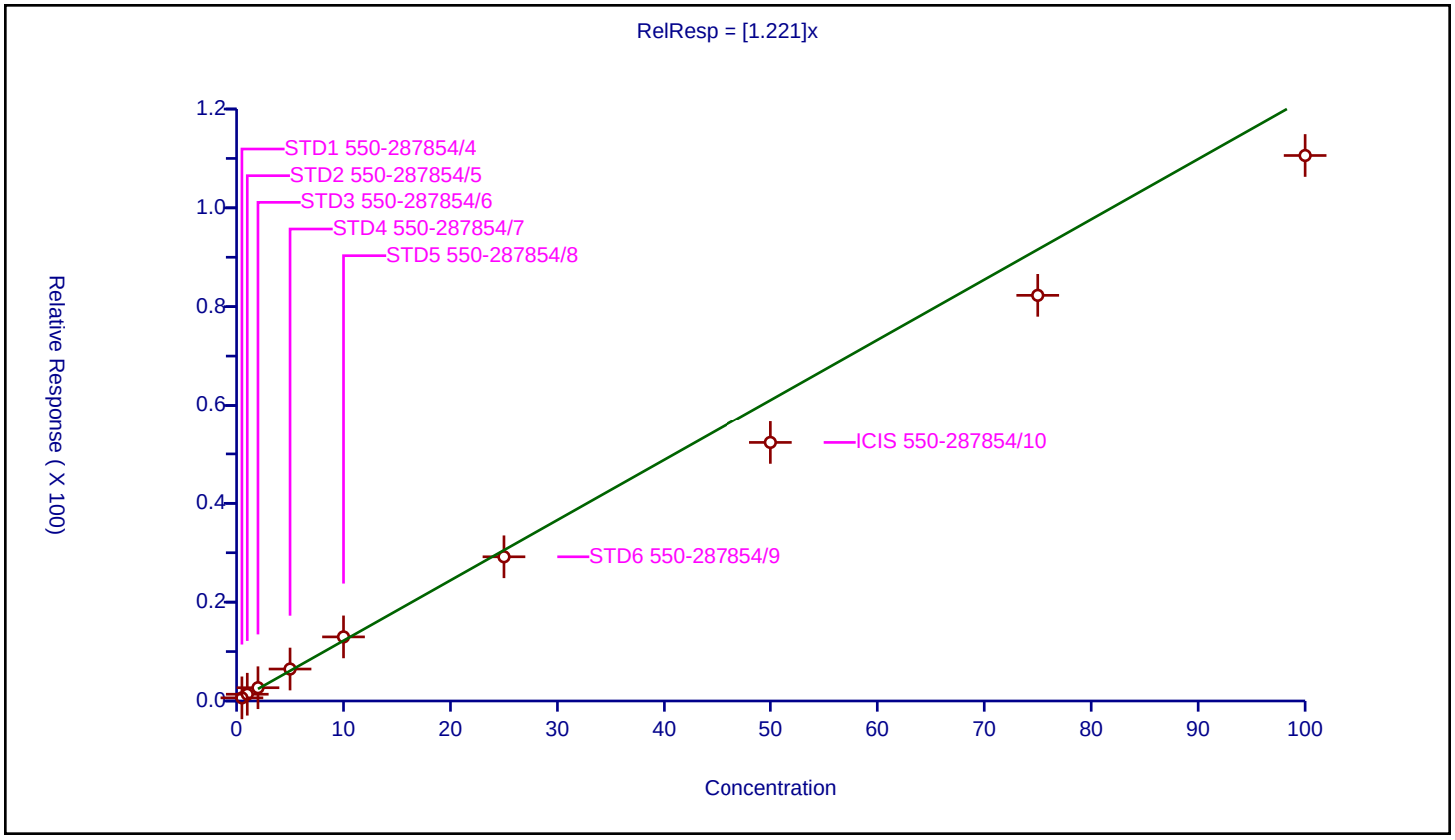
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

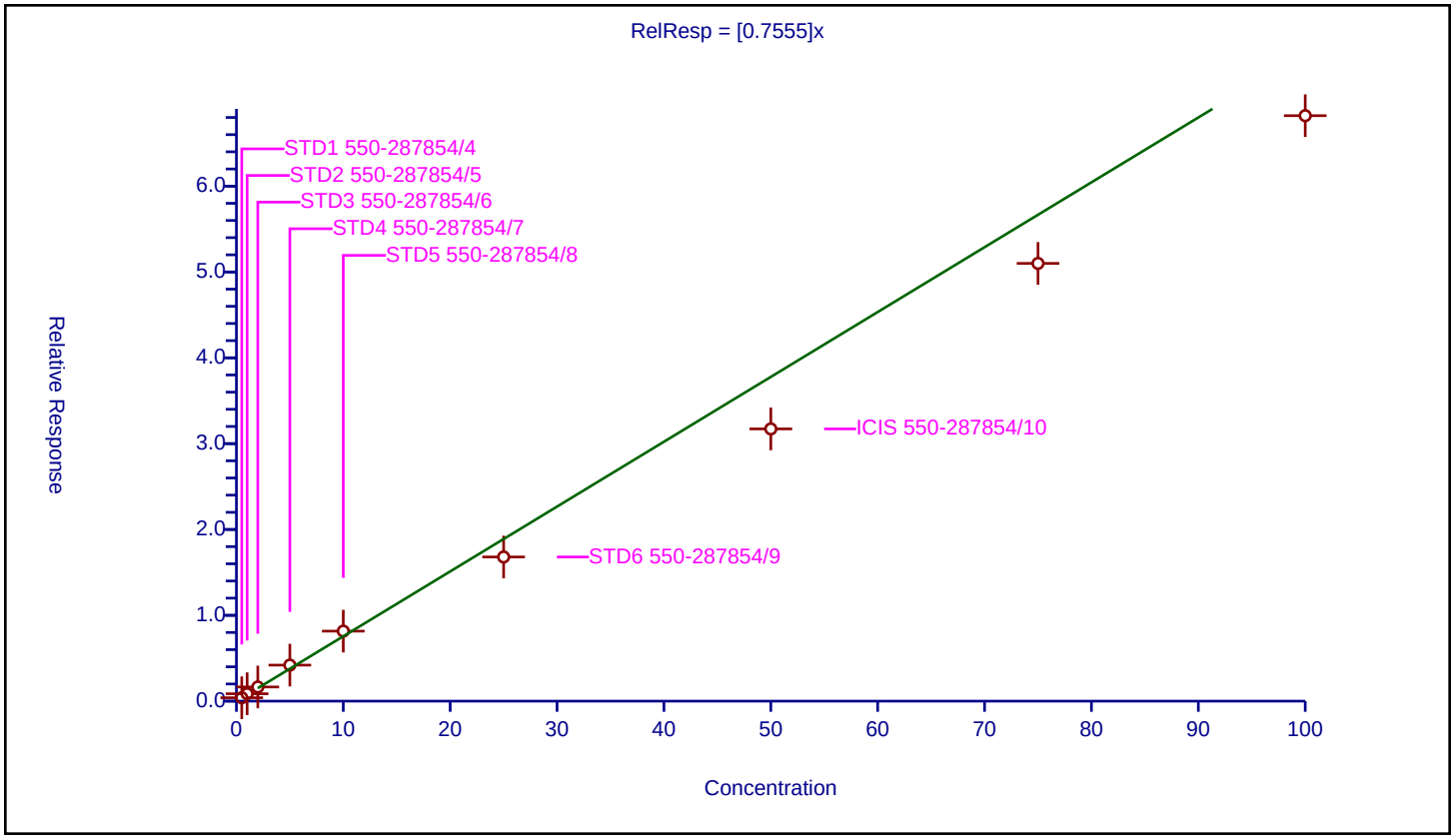
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

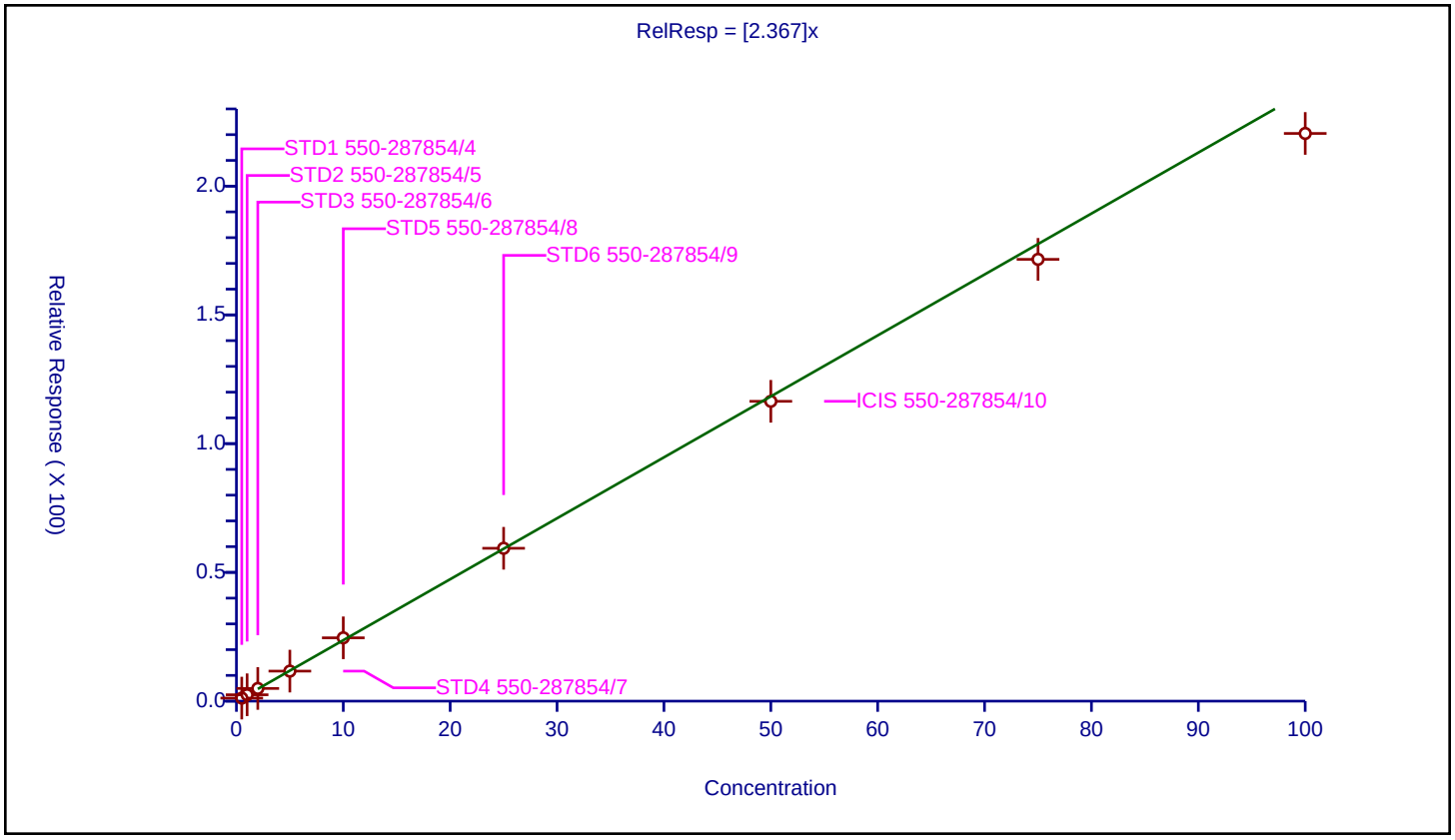
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

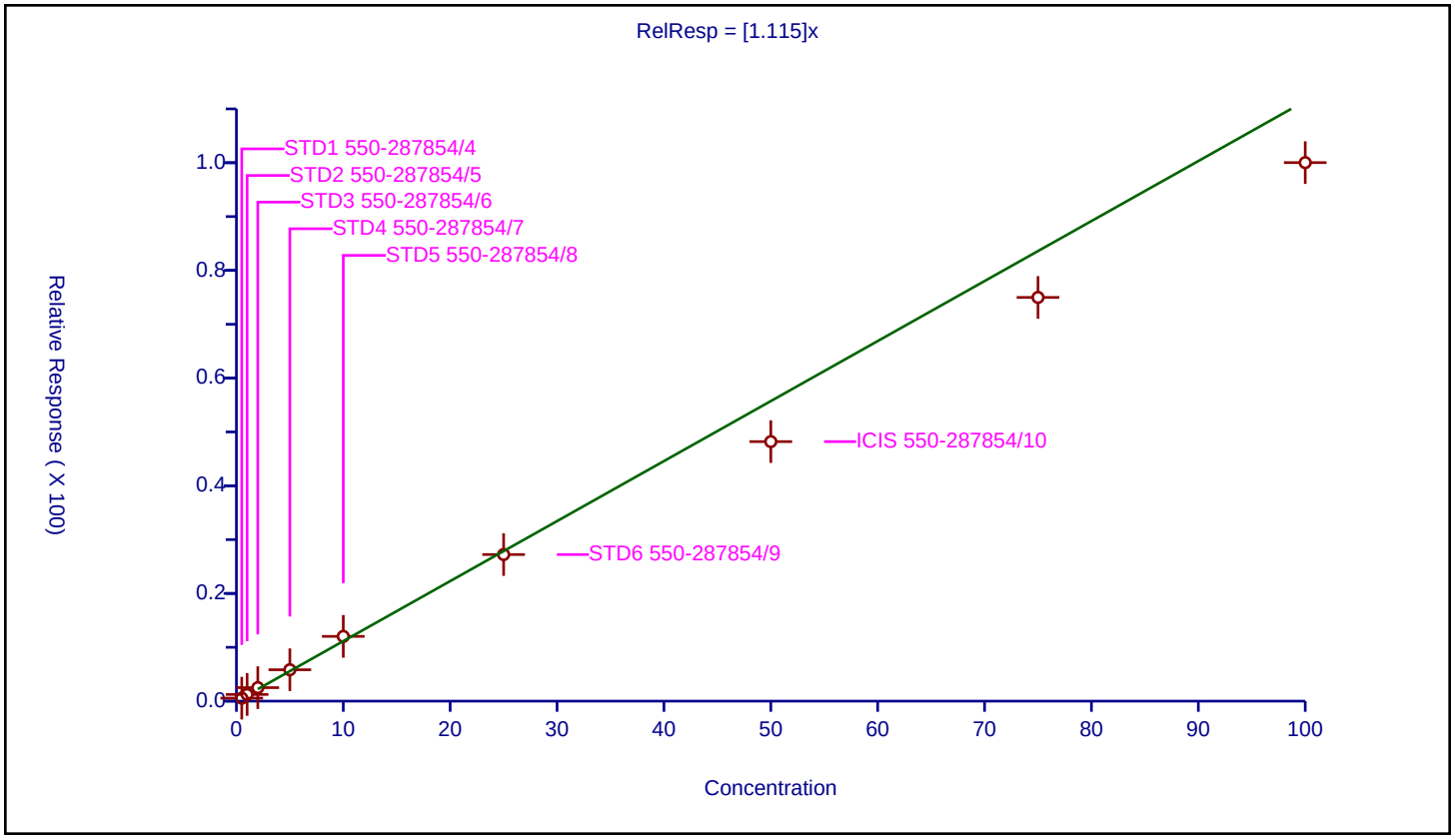
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: CCVIS 550-288377/3 Calibration Date: 11/10/2022 21:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11102230.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2977		79.9	50.0	160*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5575		54.9	50.0	110	60-140
Chloromethane	Ave	0.4137	0.4067	0.1000	49.2	50.0	98	48-144
Vinyl chloride	Ave	0.3739	0.4075		54.5	50.0	109	80-120
Butadiene	Ave	0.3760	0.4179		55.6	50.0	111	50-141
Bromomethane	Ave	0.2173	0.1997		46.0	50.0	92	40-144
Chloroethane	Ave	0.2134	0.2223		52.1	50.0	104	60-132
Trichlorofluoromethane	Ave	0.5470	0.5766		52.7	50.0	105	68-136
Ethanol	Lin1		0.1171		953	1000	95	36-150
1,1-Dichloroethene	Ave	0.2971	0.3034		51.1	50.0	102	80-120
Freon 113	Ave	0.3046	0.3320		54.5	50.0	109	76-124
Acetone	Lin1		0.0857		48.0	50.0	96	12-150
Iodomethane	Ave	0.5343	0.5364		50.2	50.0	100	40-150
Carbon disulfide	Ave	0.8222	0.9348		56.8	50.0	114	64-136
Methylene Chloride	Lin1		0.2812		48.4	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.249		252	250	101	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6477		49.6	50.0	99	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3196		50.8	50.0	102	76-120
Hexane	Ave	0.3912	0.4461		57.0	50.0	114	56-150
1,1-Dichloroethane	Ave	0.4939	0.5057	0.1000	51.2	50.0	102	72-124
Vinyl acetate	Ave	0.0383	0.0423		55.3	50.0	111	48-150
Isopropyl ether	Ave	0.7076	0.7327		51.8	50.0	104	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6875		50.0	50.0	100	72-140
2,2-Dichloropropane	Ave	0.4545	0.4694		51.6	50.0	103	64-140
2-Butanone (MEK)	Ave	0.0272	0.0293		53.8	50.0	108	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4163		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1518		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0357		51.5	50.0	103	64-139
Chloroform	Ave	0.5149	0.5012		48.7	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5133		51.8	50.0	104	72-132
Carbon tetrachloride	Ave	0.6413	0.6144		47.9	50.0	96	72-136
1,1-Dichloropropene	Ave	0.5271	0.4997		47.4	50.0	95	76-128
Benzene	Ave	1.525	1.401		45.9	50.0	92	76-120
1,2-Dichloroethane	Ave	0.4516	0.3981		44.1	50.0	88	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8132		45.0	50.0	90	68-140
Trichloroethene	Ave	0.4237	0.3921		46.3	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3120		46.0	50.0	92	80-120
Dibromomethane	Ave	0.2171	0.1918		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4433		45.3	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1559		45.3	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5136		46.7	50.0	93	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: CCVIS 550-288377/3 Calibration Date: 11/10/2022 21:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11102230.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2459		50.5	50.0	101	60-144
Toluene	Ave	0.9499	0.8813		46.4	50.0	93	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4415		47.7	50.0	95	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2564		45.0	50.0	90	72-132
Tetrachloroethene	Ave	0.4284	0.4014		46.8	50.0	94	76-128
1,3-Dichloropropane	Ave	0.4577	0.4106		44.9	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1759		52.4	50.0	105	52-150
Chlorodibromomethane	Ave	0.3686	0.3375		45.8	50.0	92	80-128
1,2-Dibromoethane	Ave	0.2938	0.2649		45.1	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9937	0.3000	44.8	50.0	90	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3733		45.4	50.0	91	76-124
Ethylbenzene	Ave	1.773	1.672		47.1	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.204		47.4	50.0	95	80-120
o-Xylene	Ave	1.271	1.206		47.4	50.0	95	72-128
Styrene	Ave	2.071	1.903		45.9	50.0	92	84-124
Bromoform	Lin1		0.4187	0.1000	40.4	50.0	81	68-132
Isopropylbenzene	Ave	3.305	3.290		49.8	50.0	100	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5625	0.3000	46.0	50.0	92	68-132
Bromobenzene	Ave	0.9030	0.7996		44.3	50.0	89	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1256		48.3	50.0	97	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1708		43.9	50.0	88	76-128
N-Propylbenzene	Ave	3.693	3.722		50.4	50.0	101	76-132
2-Chlorotoluene	Ave	2.491	2.413		48.4	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.622		47.3	50.0	95	80-128
4-Chlorotoluene	Ave	2.214	2.009		45.4	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.590		51.8	50.0	104	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.561		48.4	50.0	97	80-128
sec-Butylbenzene	Ave	3.163	3.368		53.2	50.0	106	80-128
1,3-Dichlorobenzene	Ave	1.726	1.577		45.7	50.0	91	80-124
4-Isopropyltoluene	Ave	3.024	3.215		53.2	50.0	106	80-128
1,4-Dichlorobenzene	Ave	1.705	1.510		44.3	50.0	89	76-120
n-Butylbenzene	Ave	2.511	2.713		54.0	50.0	108	76-132
1,2-Dichlorobenzene	Ave	1.627	1.443		44.4	50.0	89	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1155		50.0	50.0	100	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.194		48.9	50.0	98	76-128
Hexachlorobutadiene	Ave	0.7555	0.8830		58.4	50.0	117	76-132
Naphthalene	Ave	2.367	2.277		48.1	50.0	96	68-136
1,2,3-Trichlorobenzene	Ave	1.115	1.070		48.0	50.0	96	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2750		38.5	40.0	96	80-120
Toluene-d8 (Surr)	Ave	1.453	1.333		36.7	40.0	92	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7857		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: CCVIS 550-288515/2 Calibration Date: 11/12/2022 12:46

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11122203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2493		66.9	50.0	134	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5218		51.4	50.0	103	60-140
Chloromethane	Ave	0.4137	0.4762	0.1000	57.5	50.0	115	48-144
Vinyl chloride	Ave	0.3739	0.4315		57.7	50.0	115	80-120
Butadiene	Ave	0.3760	0.4320		57.5	50.0	115	50-141
Bromomethane	Ave	0.2173	0.1919		44.2	50.0	88	40-144
Chloroethane	Ave	0.2134	0.2443		57.2	50.0	114	60-132
Trichlorofluoromethane	Ave	0.5470	0.5695		52.1	50.0	104	68-136
Ethanol	Lin1		0.1206		982	1000	98	36-150
1,1-Dichloroethene	Ave	0.2971	0.3072		51.7	50.0	103	80-120
Freon 113	Ave	0.3046	0.3268		53.7	50.0	107	76-124
Acetone	Lin1		0.0890		49.9	50.0	100	12-150
Iodomethane	Ave	0.5343	0.5579		52.2	50.0	104	40-150
Carbon disulfide	Ave	0.8222	0.9606		58.4	50.0	117	64-136
Methylene Chloride	Lin1		0.2883		49.6	50.0	99	68-128
2-Methyl-2-propanol	Lin2		1.322		267	250	107	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6543		50.1	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3249		51.6	50.0	103	76-120
Hexane	Ave	0.3912	0.4458		57.0	50.0	114	56-150
1,1-Dichloroethane	Ave	0.4939	0.5224	0.1000	52.9	50.0	106	72-124
Vinyl acetate	Ave	0.0383	0.0388		50.6	50.0	101	48-150
Isopropyl ether	Ave	0.7076	0.7728		54.6	50.0	109	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7292		53.0	50.0	106	72-140
2-Butanone (MEK)	Ave	0.0272	0.0288		52.9	50.0	106	44-150
2,2-Dichloropropane	Ave	0.4545	0.4950		54.5	50.0	109	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4419		48.1	50.0	96	72-128
Chlorobromomethane	Ave	0.1603	0.1533		47.8	50.0	96	72-132
Tetrahydrofuran	Lin1		0.0321		46.2	50.0	92	64-139
Chloroform	Ave	0.5149	0.5156		50.1	50.0	100	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5029		50.8	50.0	102	72-132
1,1-Dichloropropene	Ave	0.5271	0.5277		50.1	50.0	100	76-128
Carbon tetrachloride	Ave	0.6413	0.6252		48.8	50.0	98	72-136
Benzene	Ave	1.525	1.490		48.8	50.0	98	76-120
1,2-Dichloroethane	Ave	0.4516	0.4190		46.4	50.0	93	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8936		49.5	50.0	99	68-140
Trichloroethene	Ave	0.4237	0.4113		48.5	50.0	97	80-120
1,2-Dichloropropane	Ave	0.3390	0.3330		49.1	50.0	98	80-120
Dibromomethane	Ave	0.2171	0.2034		46.8	50.0	94	72-132
Dichlorobromomethane	Ave	0.4894	0.4661		47.6	50.0	95	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1597		46.4	50.0	93	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5540		50.4	50.0	101	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Lab Sample ID: CCVIS 550-288515/2 Calibration Date: 11/12/2022 12:46

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11122203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2343		48.1	50.0	96	60-144
Toluene	Ave	0.9499	0.9109		47.9	50.0	96	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4652		50.3	50.0	101	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2629		46.1	50.0	92	72-132
Tetrachloroethene	Ave	0.4284	0.3988		46.5	50.0	93	76-128
1,3-Dichloropropane	Ave	0.4577	0.4226		46.2	50.0	92	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1633		48.6	50.0	97	52-150
Chlorodibromomethane	Ave	0.3686	0.3462		46.9	50.0	94	80-128
1,2-Dibromoethane	Ave	0.2938	0.2675		45.5	50.0	91	80-128
Chlorobenzene	Ave	1.109	1.015	0.3000	45.8	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3775		45.9	50.0	92	76-124
Ethylbenzene	Ave	1.773	1.635		46.1	50.0	92	80-120
m-Xylene & p-Xylene	Ave	1.271	1.270		50.0	50.0	100	80-120
o-Xylene	Ave	1.271	1.285		50.5	50.0	101	72-128
Styrene	Ave	2.071	2.018		48.7	50.0	97	84-124
Bromoform	Lin1		0.4459	0.1000	43.0	50.0	86	68-132
Isopropylbenzene	Ave	3.305	3.379		51.1	50.0	102	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5859	0.3000	48.0	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8190		45.4	50.0	91	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1404		53.9	50.0	108	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1744		44.9	50.0	90	76-128
N-Propylbenzene	Ave	3.693	3.651		49.4	50.0	99	76-132
2-Chlorotoluene	Ave	2.491	2.440		49.0	50.0	98	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.756		49.7	50.0	99	80-128
4-Chlorotoluene	Ave	2.214	2.109		47.6	50.0	95	80-124
tert-Butylbenzene	Ave	2.497	2.406		48.2	50.0	96	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.541		48.0	50.0	96	80-128
sec-Butylbenzene	Ave	3.163	3.125		49.4	50.0	99	80-128
1,3-Dichlorobenzene	Ave	1.726	1.540		44.6	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.977		49.2	50.0	98	80-128
1,4-Dichlorobenzene	Ave	1.705	1.501		44.0	50.0	88	76-120
n-Butylbenzene	Ave	2.511	2.455		48.9	50.0	98	76-132
1,2-Dichlorobenzene	Ave	1.627	1.409		43.3	50.0	87	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1035		44.8	50.0	90	64-128
1,2,4-Trichlorobenzene	Ave	1.221	0.9724		39.8	50.0	80	76-128
Hexachlorobutadiene	Ave	0.7555	0.6305		41.7	50.0	83	76-132
Naphthalene	Ave	2.367	1.815		38.3	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8246		37.0	50.0	74	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2809		39.3	40.0	98	80-120
Toluene-d8 (Surr)	Ave	1.453	1.372		37.8	40.0	94	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.8036		36.1	40.0	90	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288377/7

Matrix: Water | Lab File ID: 11102234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/10/2022 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288377/7

Matrix: Water | Lab File ID: 11102234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/10/2022 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288377/7

Matrix: Water Lab File ID: 11102234.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/10/2022 23:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288290/1-A

Matrix: Water | Lab File ID: 11102235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 0.1(mL) | Date Analyzed: 11/10/2022 23:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	45
71-55-6	1,1,1-Trichloroethane	ND		200	44
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50
79-00-5	1,1,2-Trichloroethane	ND		200	54
75-34-3	1,1-Dichloroethane	ND		200	49
75-35-4	1,1-Dichloroethene	ND		500	54
563-58-6	1,1-Dichloropropene	ND		200	49
87-61-6	1,2,3-Trichlorobenzene	ND		500	330
96-18-4	1,2,3-Trichloropropane	ND		1000	350
120-82-1	1,2,4-Trichlorobenzene	ND		500	190
95-63-6	1,2,4-Trimethylbenzene	ND		200	48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		500	380
106-93-4	1,2-Dibromoethane	ND		200	47
95-50-1	1,2-Dichlorobenzene	ND		200	49
107-06-2	1,2-Dichloroethane	ND		200	53
78-87-5	1,2-Dichloropropane	ND		200	53
108-67-8	1,3,5-Trimethylbenzene	ND		200	48
541-73-1	1,3-Dichlorobenzene	ND		200	48
142-28-9	1,3-Dichloropropane	ND		200	50
106-46-7	1,4-Dichlorobenzene	ND		200	51
594-20-7	2,2-Dichloropropane	ND		200	57
78-93-3	2-Butanone (MEK)	ND		1000	600
591-78-6	Methyl n-butyl ketone (MNBK)	ND		1000	330
106-43-4	4-Chlorotoluene	ND		500	49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1000	120
67-64-1	Acetone	ND		2000	980
71-43-2	Benzene	ND		200	52
108-86-1	Bromobenzene	ND		500	49
74-97-5	Chlorobromomethane	ND		500	48
75-27-4	Dichlorobromomethane	ND		200	50
75-25-2	Bromoform	ND		500	64
74-83-9	Bromomethane	ND		1000	520
75-15-0	Carbon disulfide	ND		500	180
56-23-5	Carbon tetrachloride	ND		500	49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288290/1-A

Matrix: Water | Lab File ID: 11102235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 0.1(mL) | Date Analyzed: 11/10/2022 23:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		200	48
75-00-3	Chloroethane	ND		500	62
67-66-3	Chloroform	ND		200	48
74-87-3	Chloromethane	ND		500	84
156-59-2	cis-1,2-Dichloroethene	ND		200	62
10061-01-5	cis-1,3-Dichloropropene	ND		200	46
124-48-1	Chlorodibromomethane	ND		200	47
74-95-3	Dibromomethane	ND		200	55
75-71-8	Dichlorodifluoromethane	ND		500	84
100-41-4	Ethylbenzene	ND		200	50
76-13-1	Freon 113	ND		500	53
87-68-3	Hexachlorobutadiene	ND		500	140
74-88-4	Iodomethane	ND		200	53
98-82-8	Isopropylbenzene	ND		200	46
179601-23-1	m-Xylene & p-Xylene	ND		500	97
1634-04-4	Methyl tert-butyl ether	ND		100	52
75-09-2	Methylene Chloride	ND		500	440
91-20-3	Naphthalene	ND		500	220
104-51-8	n-Butylbenzene	ND		500	55
103-65-1	N-Propylbenzene	ND		200	49
95-47-6	o-Xylene	ND		500	47
99-87-6	4-Isopropyltoluene	ND		200	51
135-98-8	sec-Butylbenzene	ND		500	48
100-42-5	Styrene	ND		200	49
98-06-6	tert-Butylbenzene	ND		500	45
127-18-4	Tetrachloroethene	ND		200	48
108-88-3	Toluene	ND		200	49
156-60-5	trans-1,2-Dichloroethene	ND		200	52
10061-02-6	trans-1,3-Dichloropropene	ND		200	65
79-01-6	Trichloroethene	ND		200	54
75-69-4	Trichlorofluoromethane	ND		500	63
108-05-4	Vinyl acetate	ND		2500	410
75-01-4	Vinyl chloride	ND		500	82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288290/1-A

Matrix: Water Lab File ID: 11102235.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 0.1(mL) Date Analyzed: 11/10/2022 23:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288515/6

Matrix: Water | Lab File ID: 11122207.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 14:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288515/6

Matrix: Water | Lab File ID: 11122207.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 14:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288515/6

Matrix: Water Lab File ID: 11122207.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 14:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288377/4

Matrix: Water | Lab File ID: 11102231.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/10/2022 22:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.1		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.7		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	43.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.4		2.0	0.49
75-35-4	1,1-Dichloroethene	51.6		5.0	0.54
563-58-6	1,1-Dichloropropene	47.4		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	47.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	48.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.1		5.0	3.8
106-93-4	1,2-Dibromoethane	44.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.8		2.0	0.49
107-06-2	1,2-Dichloroethane	43.2		2.0	0.53
78-87-5	1,2-Dichloropropane	45.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	47.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.7		2.0	0.48
142-28-9	1,3-Dichloropropane	44.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.8		2.0	0.51
594-20-7	2,2-Dichloropropane	50.8		2.0	0.57
78-93-3	2-Butanone (MEK)	50.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	48.8		10	3.3
106-43-4	4-Chlorotoluene	45.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	47.6		10	1.2
67-64-1	Acetone	44.9		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.6		5.0	0.49
74-97-5	Chlorobromomethane	48.0		5.0	0.48
75-27-4	Dichlorobromomethane	45.1		2.0	0.50
75-25-2	Bromoform	39.0		5.0	0.64
74-83-9	Bromomethane	49.3		10	5.2
75-15-0	Carbon disulfide	57.0		5.0	1.8
56-23-5	Carbon tetrachloride	47.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288377/4

Matrix: Water Lab File ID: 11102231.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/10/2022 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.1		2.0	0.48
75-00-3	Chloroethane	54.5		5.0	0.62
67-66-3	Chloroform	48.7		2.0	0.48
74-87-3	Chloromethane	55.8		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	46.4		2.0	0.46
124-48-1	Chlorodibromomethane	45.3		2.0	0.47
74-95-3	Dibromomethane	43.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.1		5.0	0.84
100-41-4	Ethylbenzene	47.1		2.0	0.50
76-13-1	Freon 113	54.4		5.0	0.53
87-68-3	Hexachlorobutadiene	57.2		5.0	1.4
74-88-4	Iodomethane	49.2		2.0	0.53
98-82-8	Isopropylbenzene	49.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.8		1.0	0.52
75-09-2	Methylene Chloride	48.6		5.0	4.4
91-20-3	Naphthalene	46.5		5.0	2.2
104-51-8	n-Butylbenzene	54.2		5.0	0.55
103-65-1	N-Propylbenzene	49.6		2.0	0.49
95-47-6	o-Xylene	46.6		5.0	0.47
99-87-6	4-Isopropyltoluene	52.2		2.0	0.51
135-98-8	sec-Butylbenzene	52.0		5.0	0.48
100-42-5	Styrene	45.4		2.0	0.49
98-06-6	tert-Butylbenzene	51.8		5.0	0.45
127-18-4	Tetrachloroethene	46.5		2.0	0.48
108-88-3	Toluene	46.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.1		2.0	0.65
79-01-6	Trichloroethene	46.3		2.0	0.54
75-69-4	Trichlorofluoromethane	52.9		5.0	0.63
108-05-4	Vinyl acetate	53.6		25	4.1
75-01-4	Vinyl chloride	54.1		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288377/4

Matrix: Water Lab File ID: 11102231.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/10/2022 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288515/3

Matrix: Water | Lab File ID: 11122204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 13:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.3		5.0	0.54
563-58-6	1,1-Dichloropropene	48.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	35.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	38.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	42.9		5.0	3.8
106-93-4	1,2-Dibromoethane	44.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	41.8		2.0	0.49
107-06-2	1,2-Dichloroethane	44.5		2.0	0.53
78-87-5	1,2-Dichloropropane	47.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	48.9		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.8		2.0	0.48
142-28-9	1,3-Dichloropropane	45.7		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.7		2.0	0.51
594-20-7	2,2-Dichloropropane	53.0		2.0	0.57
78-93-3	2-Butanone (MEK)	50.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	48.8		10	3.3
106-43-4	4-Chlorotoluene	47.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	47.3		10	1.2
67-64-1	Acetone	47.8		20	9.8
71-43-2	Benzene	47.2		2.0	0.52
108-86-1	Bromobenzene	45.2		5.0	0.49
74-97-5	Chlorobromomethane	46.6		5.0	0.48
75-27-4	Dichlorobromomethane	46.0		2.0	0.50
75-25-2	Bromoform	41.9		5.0	0.64
74-83-9	Bromomethane	43.5		10	5.2
75-15-0	Carbon disulfide	56.9		5.0	1.8
56-23-5	Carbon tetrachloride	47.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288515/3

Matrix: Water | Lab File ID: 11122204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 13:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.6		2.0	0.48
75-00-3	Chloroethane	54.3		5.0	0.62
67-66-3	Chloroform	47.9		2.0	0.48
74-87-3	Chloromethane	51.6		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.5		2.0	0.46
124-48-1	Chlorodibromomethane	46.2		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	47.4		5.0	0.84
100-41-4	Ethylbenzene	46.1		2.0	0.50
76-13-1	Freon 113	52.6		5.0	0.53
87-68-3	Hexachlorobutadiene	41.6		5.0	1.4
74-88-4	Iodomethane	48.1		2.0	0.53
98-82-8	Isopropylbenzene	51.2		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.9		1.0	0.52
75-09-2	Methylene Chloride	47.7		5.0	4.4
91-20-3	Naphthalene	37.6		5.0	2.2
104-51-8	n-Butylbenzene	49.8		5.0	0.55
103-65-1	N-Propylbenzene	49.7		2.0	0.49
95-47-6	o-Xylene	49.5		5.0	0.47
99-87-6	4-Isopropyltoluene	49.4		2.0	0.51
135-98-8	sec-Butylbenzene	49.8		5.0	0.48
100-42-5	Styrene	48.1		2.0	0.49
98-06-6	tert-Butylbenzene	48.6		5.0	0.45
127-18-4	Tetrachloroethene	46.2		2.0	0.48
108-88-3	Toluene	47.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	49.3		2.0	0.65
79-01-6	Trichloroethene	47.3		2.0	0.54
75-69-4	Trichlorofluoromethane	50.9		5.0	0.63
108-05-4	Vinyl acetate	51.6		25	4.1
75-01-4	Vinyl chloride	54.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288515/3

Matrix: Water Lab File ID: 11122204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 13:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288377/5

Matrix: Water | Lab File ID: 11102232.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/10/2022 22:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288377 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	45.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.1		2.0	0.54
75-34-3	1,1-Dichloroethane	50.5		2.0	0.49
75-35-4	1,1-Dichloroethene	50.9		5.0	0.54
563-58-6	1,1-Dichloropropene	49.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.7		10	3.5
120-82-1	1,2,4-Trichlorobenzene	47.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.4		5.0	3.8
106-93-4	1,2-Dibromoethane	44.7		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.1		2.0	0.49
107-06-2	1,2-Dichloroethane	43.6		2.0	0.53
78-87-5	1,2-Dichloropropane	46.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.6		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.3		2.0	0.48
142-28-9	1,3-Dichloropropane	44.2		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.0		2.0	0.51
594-20-7	2,2-Dichloropropane	50.4		2.0	0.57
78-93-3	2-Butanone (MEK)	53.4		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	51.1		10	3.3
106-43-4	4-Chlorotoluene	44.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.5		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.3		2.0	0.52
108-86-1	Bromobenzene	42.6		5.0	0.49
74-97-5	Chlorobromomethane	46.3		5.0	0.48
75-27-4	Dichlorobromomethane	45.5		2.0	0.50
75-25-2	Bromoform	39.2		5.0	0.64
74-83-9	Bromomethane	48.8		10	5.2
75-15-0	Carbon disulfide	56.2		5.0	1.8
56-23-5	Carbon tetrachloride	49.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288377/5

Matrix: Water Lab File ID: 11102232.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/10/2022 22:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	43.8		2.0	0.48
75-00-3	Chloroethane	52.7		5.0	0.62
67-66-3	Chloroform	47.7		2.0	0.48
74-87-3	Chloromethane	55.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.1		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	44.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.4		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	54.5		5.0	0.53
87-68-3	Hexachlorobutadiene	55.8		5.0	1.4
74-88-4	Iodomethane	47.6		2.0	0.53
98-82-8	Isopropylbenzene	48.7		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.9		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.2		1.0	0.52
75-09-2	Methylene Chloride	46.9		5.0	4.4
91-20-3	Naphthalene	49.0		5.0	2.2
104-51-8	n-Butylbenzene	51.5		5.0	0.55
103-65-1	N-Propylbenzene	48.3		2.0	0.49
95-47-6	o-Xylene	46.1		5.0	0.47
99-87-6	4-Isopropyltoluene	50.7		2.0	0.51
135-98-8	sec-Butylbenzene	51.0		5.0	0.48
100-42-5	Styrene	44.6		2.0	0.49
98-06-6	tert-Butylbenzene	51.1		5.0	0.45
127-18-4	Tetrachloroethene	46.6		2.0	0.48
108-88-3	Toluene	46.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.2		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	46.7		2.0	0.65
79-01-6	Trichloroethene	47.1		2.0	0.54
75-69-4	Trichlorofluoromethane	52.4		5.0	0.63
108-05-4	Vinyl acetate	52.4		25	4.1
75-01-4	Vinyl chloride	56.0		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288377/5

Matrix: Water Lab File ID: 11102232.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/10/2022 22:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288377 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288515/4

Matrix: Water | Lab File ID: 11122205.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 13:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	47.0		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.3		2.0	0.54
75-34-3	1,1-Dichloroethane	50.6		2.0	0.49
75-35-4	1,1-Dichloroethene	49.3		5.0	0.54
563-58-6	1,1-Dichloropropene	48.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	35.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	37.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	43.2		5.0	3.8
106-93-4	1,2-Dibromoethane	44.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	41.7		2.0	0.49
107-06-2	1,2-Dichloroethane	44.9		2.0	0.53
78-87-5	1,2-Dichloropropane	47.1		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.2		2.0	0.48
142-28-9	1,3-Dichloropropane	44.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.1		2.0	0.51
594-20-7	2,2-Dichloropropane	52.1		2.0	0.57
78-93-3	2-Butanone (MEK)	45.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	46.6		10	3.3
106-43-4	4-Chlorotoluene	46.2		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	46.0		10	1.2
67-64-1	Acetone	44.6		20	9.8
71-43-2	Benzene	47.1		2.0	0.52
108-86-1	Bromobenzene	45.0		5.0	0.49
74-97-5	Chlorobromomethane	45.9		5.0	0.48
75-27-4	Dichlorobromomethane	46.4		2.0	0.50
75-25-2	Bromoform	42.2		5.0	0.64
74-83-9	Bromomethane	45.4		10	5.2
75-15-0	Carbon disulfide	55.1		5.0	1.8
56-23-5	Carbon tetrachloride	47.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288515/4

Matrix: Water | Lab File ID: 11122205.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 13:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	43.7		2.0	0.48
75-00-3	Chloroethane	53.5		5.0	0.62
67-66-3	Chloroform	48.1		2.0	0.48
74-87-3	Chloromethane	54.0		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.1		2.0	0.46
124-48-1	Chlorodibromomethane	45.6		2.0	0.47
74-95-3	Dibromomethane	45.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	46.7		5.0	0.84
100-41-4	Ethylbenzene	44.9		2.0	0.50
76-13-1	Freon 113	51.5		5.0	0.53
87-68-3	Hexachlorobutadiene	38.3		5.0	1.4
74-88-4	Iodomethane	46.5		2.0	0.53
98-82-8	Isopropylbenzene	49.0		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	49.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.6		1.0	0.52
75-09-2	Methylene Chloride	47.5		5.0	4.4
91-20-3	Naphthalene	38.1		5.0	2.2
104-51-8	n-Butylbenzene	45.8		5.0	0.55
103-65-1	N-Propylbenzene	47.0		2.0	0.49
95-47-6	o-Xylene	49.5		5.0	0.47
99-87-6	4-Isopropyltoluene	45.2		2.0	0.51
135-98-8	sec-Butylbenzene	46.0		5.0	0.48
100-42-5	Styrene	48.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.4		5.0	0.45
127-18-4	Tetrachloroethene	45.1		2.0	0.48
108-88-3	Toluene	46.5		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	49.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	49.3		2.0	0.65
79-01-6	Trichloroethene	47.2		2.0	0.54
75-69-4	Trichlorofluoromethane	49.7		5.0	0.63
108-05-4	Vinyl acetate	47.6		25	4.1
75-01-4	Vinyl chloride	53.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288515/4

Matrix: Water Lab File ID: 11122205.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 13:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MS | Lab Sample ID: 550-193084-11 MS

Matrix: Water | Lab File ID: 11122208.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	46.1		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	50.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	46.2		2.0	0.54
75-34-3	1,1-Dichloroethane	51.8		2.0	0.49
75-35-4	1,1-Dichloroethene	51.0		5.0	0.54
563-58-6	1,1-Dichloropropene	50.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	36.1		5.0	3.3
96-18-4	1,2,3-Trichloropropane	47.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	38.1		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.3		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.0		5.0	3.8
106-93-4	1,2-Dibromoethane	46.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.8		2.0	0.49
107-06-2	1,2-Dichloroethane	47.0		2.0	0.53
78-87-5	1,2-Dichloropropane	48.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	47.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.7		2.0	0.48
142-28-9	1,3-Dichloropropane	46.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.2		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	50.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	48.7		10	3.3
106-43-4	4-Chlorotoluene	47.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	48.9		10	1.2
67-64-1	Acetone	43.1		20	9.8
71-43-2	Benzene	49.6		2.0	0.52
108-86-1	Bromobenzene	47.4		5.0	0.49
74-97-5	Chlorobromomethane	47.3		5.0	0.48
75-27-4	Dichlorobromomethane	47.7		2.0	0.50
75-25-2	Bromoform	45.1		5.0	0.64
74-83-9	Bromomethane	45.0		10	5.2
75-15-0	Carbon disulfide	56.8		5.0	1.8
56-23-5	Carbon tetrachloride	49.8		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MS | Lab Sample ID: 550-193084-11 MS

Matrix: Water | Lab File ID: 11122208.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.5		2.0	0.48
75-00-3	Chloroethane	55.4		5.0	0.62
67-66-3	Chloroform	48.9		2.0	0.48
74-87-3	Chloromethane	49.9		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	55.6		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	50.3		2.0	0.46
124-48-1	Chlorodibromomethane	47.7		2.0	0.47
74-95-3	Dibromomethane	47.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	47.4		5.0	0.84
100-41-4	Ethylbenzene	46.4		2.0	0.50
76-13-1	Freon 113	53.0		5.0	0.53
87-68-3	Hexachlorobutadiene	39.5		5.0	1.4
74-88-4	Iodomethane	47.2		2.0	0.53
98-82-8	Isopropylbenzene	51.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	51.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	49.9		1.0	0.52
75-09-2	Methylene Chloride	48.0		5.0	4.4
91-20-3	Naphthalene	38.9		5.0	2.2
104-51-8	n-Butylbenzene	47.1		5.0	0.55
103-65-1	N-Propylbenzene	49.4		2.0	0.49
95-47-6	o-Xylene	51.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.7		2.0	0.51
135-98-8	sec-Butylbenzene	48.2		5.0	0.48
100-42-5	Styrene	49.6		2.0	0.49
98-06-6	tert-Butylbenzene	47.3		5.0	0.45
127-18-4	Tetrachloroethene	151		2.0	0.48
108-88-3	Toluene	48.4		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	61.8		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	50.9		2.0	0.65
79-01-6	Trichloroethene	62.7		2.0	0.54
75-69-4	Trichlorofluoromethane	51.1		5.0	0.63
108-05-4	Vinyl acetate	53.8		25	4.1
75-01-4	Vinyl chloride	54.5		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MS Lab Sample ID: 550-193084-11 MS

Matrix: Water Lab File ID: 11122208.D

Analysis Method: 8260B Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 14:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MSD | Lab Sample ID: 550-193084-11 MSD

Matrix: Water | Lab File ID: 11122209.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	46.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	48.2		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.2		2.0	0.54
75-34-3	1,1-Dichloroethane	52.0		2.0	0.49
75-35-4	1,1-Dichloroethene	49.8		5.0	0.54
563-58-6	1,1-Dichloropropene	48.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	36.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	38.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.2		5.0	3.8
106-93-4	1,2-Dibromoethane	45.4		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.1		2.0	0.49
107-06-2	1,2-Dichloroethane	45.7		2.0	0.53
78-87-5	1,2-Dichloropropane	48.1		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.2		2.0	0.51
594-20-7	2,2-Dichloropropane	52.9		2.0	0.57
78-93-3	2-Butanone (MEK)	48.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	44.5		10	3.3
106-43-4	4-Chlorotoluene	47.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	45.3		10	1.2
67-64-1	Acetone	38.7		20	9.8
71-43-2	Benzene	47.8		2.0	0.52
108-86-1	Bromobenzene	47.1		5.0	0.49
74-97-5	Chlorobromomethane	48.8		5.0	0.48
75-27-4	Dichlorobromomethane	47.7		2.0	0.50
75-25-2	Bromoform	43.8		5.0	0.64
74-83-9	Bromomethane	48.6		10	5.2
75-15-0	Carbon disulfide	55.0		5.0	1.8
56-23-5	Carbon tetrachloride	47.5		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MSD | Lab Sample ID: 550-193084-11 MSD

Matrix: Water | Lab File ID: 11122209.D

Analysis Method: 8260B | Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/12/2022 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288515 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.3		2.0	0.48
75-00-3	Chloroethane	53.9		5.0	0.62
67-66-3	Chloroform	49.8		2.0	0.48
74-87-3	Chloromethane	52.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	54.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.3		2.0	0.46
124-48-1	Chlorodibromomethane	47.3		2.0	0.47
74-95-3	Dibromomethane	45.4		2.0	0.55
75-71-8	Dichlorodifluoromethane	44.4		5.0	0.84
100-41-4	Ethylbenzene	45.8		2.0	0.50
76-13-1	Freon 113	51.5		5.0	0.53
87-68-3	Hexachlorobutadiene	37.4		5.0	1.4
74-88-4	Iodomethane	47.3		2.0	0.53
98-82-8	Isopropylbenzene	50.5		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	49.9		1.0	0.52
75-09-2	Methylene Chloride	48.9		5.0	4.4
91-20-3	Naphthalene	39.3		5.0	2.2
104-51-8	n-Butylbenzene	44.9		5.0	0.55
103-65-1	N-Propylbenzene	48.3		2.0	0.49
95-47-6	o-Xylene	50.0		5.0	0.47
99-87-6	4-Isopropyltoluene	45.7		2.0	0.51
135-98-8	sec-Butylbenzene	46.7		5.0	0.48
100-42-5	Styrene	49.0		2.0	0.49
98-06-6	tert-Butylbenzene	46.9		5.0	0.45
127-18-4	Tetrachloroethene	162		2.0	0.48
108-88-3	Toluene	47.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	61.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	49.5		2.0	0.65
79-01-6	Trichloroethene	61.9		2.0	0.54
75-69-4	Trichlorofluoromethane	49.2		5.0	0.63
108-05-4	Vinyl acetate	54.8		25	4.1
75-01-4	Vinyl chloride	52.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Client Sample ID: R-29A_D1_11-2022 MSD Lab Sample ID: 550-193084-11 MSD

Matrix: Water Lab File ID: 11122209.D

Analysis Method: 8260B Date Collected: 11/02/2022 11:50

Sample wt/vol: 10(mL) Date Analyzed: 11/12/2022 15:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288515 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)			
2037-26-5	Toluene-d8 (Surr)			
460-00-4	4-Bromofluorobenzene (Surr)			

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/10/2022 21:28

Analysis Batch Number: 288377 End Date: 11/11/2022 05:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288377/2		11/10/2022 21:28	1	11102229.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288377/3		11/10/2022 21:48	1	11102230.D	Rxi-624Sil 0.25(mm)
LCS 550-288377/4		11/10/2022 22:09	1	11102231.D	Rxi-624Sil 0.25(mm)
LCSD 550-288377/5		11/10/2022 22:30	1	11102232.D	Rxi-624Sil 0.25(mm)
MB 550-288377/7		11/10/2022 23:13	1	11102234.D	Rxi-624Sil 0.25(mm)
MB 550-288290/1-A		11/10/2022 23:34	1	11102235.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/10/2022 23:55	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 00:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 00:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 00:58	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 01:19	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 01:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 02:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 02:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 02:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 03:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 03:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 03:45	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 04:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 04:26	1		Rxi-624Sil 0.25(mm)
550-193084-1	DM-2_D1_11-2022	11/11/2022 04:47	1	11102250.D	Rxi-624Sil 0.25(mm)
550-193084-2	R-31_I1_11-2022	11/11/2022 05:08	1	11102251.D	Rxi-624Sil 0.25(mm)
550-193084-3	R-31_I2_11-2022	11/11/2022 05:29	1	11102252.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/11/2022 05:50	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/12/2022 12:13

Analysis Batch Number: 288515 End Date: 11/12/2022 21:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288515/1		11/12/2022 12:13	1	11122202.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288515/2		11/12/2022 12:46	1	11122203.D	Rxi-624Sil 0.25(mm)
LCS 550-288515/3		11/12/2022 13:23	1	11122204.D	Rxi-624Sil 0.25(mm)
LCSD 550-288515/4		11/12/2022 13:44	1	11122205.D	Rxi-624Sil 0.25(mm)
MB 550-288515/6		11/12/2022 14:26	1	11122207.D	Rxi-624Sil 0.25(mm)
550-193084-11 MS	R-29A_D1_11-2022 MS	11/12/2022 14:46	1	11122208.D	Rxi-624Sil 0.25(mm)
550-193084-11 MSD	R-29A_D1_11-2022 MSD	11/12/2022 15:07	1	11122209.D	Rxi-624Sil 0.25(mm)
550-193084-11	R-29A_D1_11-2022	11/12/2022 15:28	1	11122210.D	Rxi-624Sil 0.25(mm)
550-193084-4	DM-1_D2_11-2022	11/12/2022 15:49	1	11122211.D	Rxi-624Sil 0.25(mm)
550-193084-5	DM-2_D2_11-2022	11/12/2022 16:11	1	11122212.D	Rxi-624Sil 0.25(mm)
550-193084-6	R-12_D1_11-2022	11/12/2022 16:32	1	11122213.D	Rxi-624Sil 0.25(mm)
550-193084-7	R-27_I1_11-2022	11/12/2022 16:53	1	11122214.D	Rxi-624Sil 0.25(mm)
550-193084-8	R-12_S1_11-2022	11/12/2022 17:14	1	11122215.D	Rxi-624Sil 0.25(mm)
550-193084-9	DM-1_D1_11-2022	11/12/2022 17:35	1	11122216.D	Rxi-624Sil 0.25(mm)
550-193084-10	DM-2_I1_11-2022	11/12/2022 17:55	1	11122217.D	Rxi-624Sil 0.25(mm)
550-193084-12	R-929A_D1_11-2022	11/12/2022 18:17	1	11122218.D	Rxi-624Sil 0.25(mm)
550-193084-13	TB-01_11-2022	11/12/2022 18:38	1	11122219.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 18:59	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 19:20	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 19:40	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 20:01	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 20:22	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 20:43	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 21:25	1		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 288290 Batch Start Date: 11/09/22 19:50 Batch Analyst: Witting, Grace L

Batch Method: 1311 Batch End Date: 11/10/22 12:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount					
MB 550-288290/1		1311, 8260B		100 mL					

Batch Notes	
First Start time	1950
First End time	1250
Rotation Time for 10 Revolutions	20 s
Tumbler Rotations per Minute	30
Balance ID	BL-024
Room Temperature Thermometer ID	TMM-01
TCLP Fluid pH	4.89 SU
TCLP Fluid 1 ID	MET-21096-8-2
Minumum Temperature	21.0 Celsius
Maximum Temperature	23.5 Celsius
pH Meter Calibration Slope	98.3
pH Meter ID	11
Probe ID	11-B
Tedlar Bag Lot ID	28220106
Corrected Initial Room Temperature	22.0 Degrees C
Filtration Start Time	11/10/2022 13:00
Filtration End Time	11/10/2022 13:10

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 288377 Batch Start Date: 11/10/22 21:28 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288377/2		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288377/3		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288377/4		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288377/5		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288377/7		8260B		10 mL	10 mL				
MB 550-288290/1-A		8260B		0.1 mL	10 mL				
550-193084-A-1	DM-2_D1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-2	R-31_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-3	R-31_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288377/2		8260B							
CCVIS 550-288377/3		8260B			5 uL				
LCS 550-288377/4		8260B			5 uL				
LCSD 550-288377/5		8260B			5 uL				
MB 550-288377/7		8260B		5 uL					
MB 550-288290/1-A		8260B		5 uL					
550-193084-A-1	DM-2_D1_11-2022	8260B	T	5 uL					
550-193084-A-2	R-31_I1_11-2022	8260B	T	5 uL					
550-193084-A-3	R-31_I2_11-2022	8260B	T	5 uL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 288377 Batch Start Date: 11/10/22 21:28 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 288515 Batch Start Date: 11/12/22 12:13 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288515/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288515/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288515/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288515/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288515/6		8260B		10 mL	10 mL				
550-193084-A-11 MS	R-29A_D1_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193084-A-11 MSD	R-29A_D1_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193084-A-11	R-29A_D1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-4	DM-1_D2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-5	DM-2_D2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-6	R-12_D1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-7	R-27_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-8	R-12_S1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-9	DM-1_D1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-10	DM-2_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-12	R-929A_D1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193084-A-13	TB-01_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288515/1		8260B							
CCVIS 550-288515/2		8260B			5 uL				
LCS 550-288515/3		8260B			5 uL				
LCSD 550-288515/4		8260B			5 uL				
MB 550-288515/6		8260B		5 uL					
550-193084-A-11 MS	R-29A_D1_11-2022	8260B	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193084-1

SDG No.:

Batch Number: 288515 Batch Start Date: 11/12/22 12:13 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
550-193084-A-11 MSD	R-29A_D1_11-2022	8260B	T		5 uL				
550-193084-A-11	R-29A_D1_11-2022	8260B	T	5 uL					
550-193084-A-4	DM-1_D2_11-2022	8260B	T	5 uL					
550-193084-A-5	DM-2_D2_11-2022	8260B	T	5 uL					
550-193084-A-6	R-12_D1_11-2022	8260B	T	5 uL					
550-193084-A-7	R-27_I1_11-2022	8260B	T	5 uL					
550-193084-A-8	R-12_S1_11-2022	8260B	T	5 uL					
550-193084-A-9	DM-1_D1_11-2022	8260B	T	5 uL					
550-193084-A-10	DM-2_I1_11-2022	8260B	T	5 uL					
550-193084-A-12	R-929A_D1_11-2022	8260B	T	5 uL					
550-193084-A-13	TB-01_11-2022	8260B	T	5 uL					

Batch Notes	
Batch Comment	Prepped/loaded by DSJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571690 eurofins | Environment Testing TestAmerica

TAL-8210

Address: TestAmerica – Phoenix
4625 E Cotton Center BLVD
Suite 189
Phoenix AZ 85040

193084

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other: CERCLA

Client Contact	Project Manager: Anthony McGlown	Site Contact:	Date: 11/2/22	COC No: 001
Company Name: NMED	Tel/Email: anthony.mcglown@env.nm	Lab Contact:	Carrier: Fed Ex	1 of 2 COCs
Address: 1190 St. Francis Dr.	Analysis Turnaround Time			Sampler:
City/State/Zip: Santa Fe / NM / 87501	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 505-660-8121	TAT if different from Below			Client:
Fax:	☐ 2 weeks			Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			IG No.:
P O #	☐ 1 day			

550-193084 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
DM-2_D1_11-2022	11/2	11:53	G	W	3	N	N	X	-01
R-31_I1_11-2022	11/2	13:51			3				-02
R-31_I2-11-2022		14:00							-03
DM-1_D2_11-2022		11:05							-04
DM-2_D2_11-2022		11:21							-05
R-12_D1_11-2022		10:00							-06
R-27_I1-2022		13:10							-07
R-12_S1_11-2022		10:19							-08
DM-1_D1_11-2022		10:49							-09
DM-2_I1_11-2022		11:36							-10
R-29A_D1_11-2022		11:50			9	Y			-11
R-929A_D1_11-2022		11:50			3	N			-12

Preservation Used: 1= Ice, 2= HCl, 3= H_2SO_4, 4=HNO_3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.6°C UPS FED EX

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	NMED	11/2/22 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	EETA-PHX	11/3/22 1000

Address: 4625 E Cotton Center Blvd.
Suite 189
Phoenix, AZ 85040

Chain of Custody Record

571691

193084

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: CERCLA

TAL-8210

Client Contact	Project Manager: Anthony McGlown	Site Contact:	Date: 11/2/22	COC No: 001
Company Name: NMED	Tel/Email:	Lab Contact:	Carrier: Fed Ex	1 of 2 COCs
Address: 1190 St Francis Dr.	Analysis Turnaround Time			Sampler: AM
City/State/Zip: Santa Fe, NM 87501	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 505-660-8121	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
TB-01-11-2022	11/2	15:51	G	W	3	N	N	X	-1J

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.6°C ICE FedEx

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	NMED	11/2/22 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	EETA-PHX	11/3/22 1000

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193084-1

Login Number: 193084
List Number: 1
Creator: Gravlin, Andrea

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:02 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193178-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

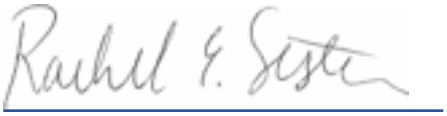
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



Generated
12/1/2022 9:02 AM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193178-1

Revision
This report was revised on 12/1/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 5:37PM.

Comments
No additional comments.

Receipt
The samples were received on 11/4/2022 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288554 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EWMW-4A_11-2022 (550-193178-1), SMW-6D_11-2022 (550-193178-2), R-04-S2_11-2022 (550-193178-3), SMW-4S_11-2022 (550-193178-4), R-08A_I1_11-2022 (550-193178-5), R-925_11-2022 (550-193178-6), R-08_D1-11-2022 (550-193178-7), TB_03_11-2022 (550-193178-8), EB-01_11-2022 (550-193178-9) and (CCVIS 550-288554/2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288554 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

EWMW-4A_11-2022 (550-193178-1), SMW-6D_11-2022 (550-193178-2), R-04-S2_11-2022 (550-193178-3), SMW-4S_11-2022 (550-193178-4), R-08A_I1_11-2022 (550-193178-5), R-925_11-2022 (550-193178-6), R-08_D1-11-2022 (550-193178-7), TB_03_11-2022 (550-193178-8), EB-01_11-2022 (550-193178-9) and (CCVIS 550-288554/2)

Method 8260B: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: SMW-6D_11-2022 (550-193178-2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288595 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

R-08_I2-11-2022 (550-193178-10), R-20_11-2022 (550-193178-11), M-20-11-2022 (550-193178-12) and (CCVIS 550-288595/2)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Client Sample ID: EWMW-4A_11-2022 — Lab Sample ID: 550-193178-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.56	J B	2.0	0.53	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-6D_11-2022 — Lab Sample ID: 550-193178-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	2.2	J	5.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.6	J	2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: R-04-S2_11-2022 — Lab Sample ID: 550-193178-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.94	J	2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.3		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	2.9		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-4S_11-2022 — Lab Sample ID: 550-193178-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	J	2.0	0.62	ug/L	1		8260B	Total/NA
Iodomethane	0.67	J B	2.0	0.53	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.6		2.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: R-08A_I1_11-2022 — Lab Sample ID: 550-193178-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.3		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	7.5		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-925_11-2022 — Lab Sample ID: 550-193178-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.94	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-08_D1-11-2022 — Lab Sample ID: 550-193178-7

No Detections.

Client Sample ID: TB_03_11-2022 — Lab Sample ID: 550-193178-8

No Detections.

Client Sample ID: EB-01_11-2022 — Lab Sample ID: 550-193178-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6	J	2.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: R-08_I2-11-2022 — Lab Sample ID: 550-193178-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	25		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	11		2.0	0.54	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Client Sample ID: R-20_11-2022 — Lab Sample ID: 550-193178-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	21		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	0.88	J	2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: M-20-11-2022 — Lab Sample ID: 550-193178-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		2.0	0.62	ug/L	1		8260B	Total/NA
Chlorodibromomethane	37		2.0	0.47	ug/L	1		8260B	Total/NA
Tetrachloroethene	38		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	2.9		2.0	0.54	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EWMW-4A_11-2022

Date Collected: 11/03/22 11:29
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 14:42	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 14:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 14:42	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 14:42	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 14:42	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 14:42	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 14:42	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 14:42	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 14:42	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 14:42	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 14:42	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 14:42	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 14:42	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 14:42	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 14:42	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:42	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:42	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 14:42	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 14:42	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 14:42	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 14:42	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 14:42	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 14:42	1
Acetone	ND		20	9.8	ug/L			11/14/22 14:42	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 14:42	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 14:42	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 14:42	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 14:42	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 14:42	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 14:42	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 14:42	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 14:42	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:42	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 14:42	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 14:42	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 14:42	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 14:42	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 14:42	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 14:42	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 14:42	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 14:42	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 14:42	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 14:42	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 14:42	1
Iodomethane	**0.56**	**J B**	2.0	0.53	ug/L			11/14/22 14:42	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 14:42	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 14:42	1

Client Sample ID: EWMW-4A_11-2022

Lab Sample ID: 550-193178-1

Date Collected: 11/03/22 11:29
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 14:42	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 14:42	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 14:42	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 14:42	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 14:42	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 14:42	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 14:42	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 14:42	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 14:42	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 14:42	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 14:42	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 14:42	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 14:42	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 14:42	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 14:42	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 14:42	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 14:42	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/14/22 14:42*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 14:42*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/14/22 14:42*	*1*

Client Sample ID: SMW-6D_11-2022

Lab Sample ID: 550-193178-2

Date Collected: 11/03/22 10:25
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 17:30	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 17:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 17:30	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 17:30	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 17:30	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 17:30	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 17:30	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 17:30	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 17:30	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 17:30	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 17:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 17:30	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 17:30	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 17:30	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 17:30	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 17:30	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 17:30	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 17:30	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 17:30	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 17:30	1

Client Sample ID: SMW-6D_11-2022

Date Collected: 11/03/22 10:25
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 17:30	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 17:30	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 17:30	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 17:30	1
Acetone	ND		20	9.8	ug/L			11/14/22 17:30	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 17:30	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 17:30	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 17:30	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 17:30	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 17:30	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 17:30	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 17:30	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 17:30	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 17:30	1
Chloroethane	**2.2**	**J**	5.0	0.62	ug/L			11/14/22 17:30	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 17:30	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 17:30	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 17:30	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 17:30	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 17:30	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 17:30	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 17:30	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 17:30	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 17:30	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 17:30	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 17:30	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 17:30	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 17:30	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 17:30	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 17:30	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 17:30	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 17:30	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 17:30	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 17:30	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 17:30	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 17:30	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 17:30	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 17:30	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 17:30	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 17:30	1
trans-1,2-Dichloroethene	**1.6**	**J**	2.0	0.52	ug/L			11/14/22 17:30	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 17:30	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 17:30	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 17:30	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 17:30	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/14/22 17:30*	*1*

Client Sample ID: SMW-6D_11-2022

Date Collected: 11/03/22 10:25
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 17:30*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/14/22 17:30*	*1*

Client Sample ID: R-04-S2_11-2022

Date Collected: 11/03/22 13:50
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 15:03	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 15:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 15:03	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 15:03	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 15:03	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 15:03	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 15:03	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 15:03	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 15:03	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 15:03	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 15:03	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 15:03	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 15:03	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 15:03	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 15:03	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:03	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:03	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 15:03	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 15:03	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 15:03	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 15:03	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 15:03	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 15:03	1
Acetone	ND		20	9.8	ug/L			11/14/22 15:03	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 15:03	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 15:03	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 15:03	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 15:03	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 15:03	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 15:03	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 15:03	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 15:03	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:03	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 15:03	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 15:03	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 15:03	1
cis-1,2-Dichloroethene	**3.3**		2.0	0.62	ug/L			11/14/22 15:03	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 15:03	1

Client Sample ID: R-04-S2_11-2022

Date Collected: 11/03/22 13:50
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 15:03	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 15:03	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 15:03	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 15:03	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 15:03	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 15:03	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 15:03	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 15:03	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 15:03	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 15:03	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 15:03	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 15:03	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 15:03	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 15:03	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 15:03	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 15:03	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 15:03	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 15:03	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 15:03	1
Tetrachloroethene	**0.94**	**J**	2.0	0.48	ug/L			11/14/22 15:03	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 15:03	1
trans-1,2-Dichloroethene	**2.3**		2.0	0.52	ug/L			11/14/22 15:03	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 15:03	1
Trichloroethene	**2.9**		2.0	0.54	ug/L			11/14/22 15:03	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 15:03	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 15:03	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 15:03*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 15:03*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/14/22 15:03*	*1*

Client Sample ID: SMW-4S_11-2022

Date Collected: 11/03/22 11:10
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 15:24	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 15:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 15:24	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 15:24	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 15:24	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 15:24	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 15:24	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 15:24	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 15:24	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 15:24	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:24	1

Client Sample ID: SMW-4S_11-2022

Date Collected: 11/03/22 11:10
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 15:24	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 15:24	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 15:24	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 15:24	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 15:24	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:24	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:24	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 15:24	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 15:24	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 15:24	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 15:24	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 15:24	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 15:24	1
Acetone	ND		20	9.8	ug/L			11/14/22 15:24	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 15:24	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 15:24	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 15:24	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 15:24	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 15:24	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 15:24	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 15:24	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 15:24	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:24	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 15:24	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 15:24	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 15:24	1
cis-1,2-Dichloroethene	**0.92**	**J**	2.0	0.62	ug/L			11/14/22 15:24	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 15:24	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 15:24	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 15:24	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 15:24	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 15:24	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 15:24	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 15:24	1
Iodomethane	**0.67**	**J B**	2.0	0.53	ug/L			11/14/22 15:24	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 15:24	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 15:24	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 15:24	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 15:24	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 15:24	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 15:24	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 15:24	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 15:24	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 15:24	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 15:24	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 15:24	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 15:24	1
Tetrachloroethene	**3.6**		2.0	0.48	ug/L			11/14/22 15:24	1

Client Sample ID: SMW-4S_11-2022

Lab Sample ID: 550-193178-4

Date Collected: 11/03/22 11:10
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/14/22 15:24	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 15:24	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 15:24	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 15:24	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 15:24	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 15:24	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/14/22 15:24*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 15:24*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 15:24*	*1*

Client Sample ID: R-08A_I1_11-2022

Lab Sample ID: 550-193178-5

Date Collected: 11/03/22 10:25
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 15:45	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 15:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 15:45	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 15:45	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 15:45	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 15:45	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 15:45	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 15:45	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 15:45	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 15:45	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 15:45	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 15:45	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 15:45	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 15:45	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 15:45	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 15:45	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:45	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 15:45	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 15:45	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 15:45	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 15:45	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 15:45	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 15:45	1
Acetone	ND		20	9.8	ug/L			11/14/22 15:45	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 15:45	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 15:45	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 15:45	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 15:45	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 15:45	1

Client Sample ID: R-08A_I1_11-2022

Date Collected: 11/03/22 10:25
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/14/22 15:45	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 15:45	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 15:45	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 15:45	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 15:45	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 15:45	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 15:45	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 15:45	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 15:45	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 15:45	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 15:45	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 15:45	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 15:45	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 15:45	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 15:45	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 15:45	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 15:45	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 15:45	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 15:45	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 15:45	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 15:45	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 15:45	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 15:45	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 15:45	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 15:45	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 15:45	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 15:45	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 15:45	1
Tetrachloroethene	**6.3**		2.0	0.48	ug/L			11/14/22 15:45	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 15:45	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 15:45	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 15:45	1
Trichloroethene	**7.5**		2.0	0.54	ug/L			11/14/22 15:45	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 15:45	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 15:45	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 15:45*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/14/22 15:45*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 15:45*	*1*

Client Sample ID: R-925_11-2022

Date Collected: 11/03/22 12:54
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 16:06	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 16:06	1

Client Sample ID: R-925_11-2022

Date Collected: 11/03/22 12:54
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 16:06	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 16:06	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 16:06	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 16:06	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 16:06	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 16:06	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 16:06	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 16:06	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 16:06	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 16:06	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 16:06	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 16:06	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 16:06	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:06	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:06	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 16:06	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 16:06	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 16:06	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 16:06	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 16:06	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 16:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 16:06	1
Acetone	ND		20	9.8	ug/L			11/14/22 16:06	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 16:06	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 16:06	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 16:06	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 16:06	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 16:06	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 16:06	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 16:06	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 16:06	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:06	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 16:06	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 16:06	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 16:06	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 16:06	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 16:06	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 16:06	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 16:06	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 16:06	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 16:06	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 16:06	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 16:06	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 16:06	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 16:06	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 16:06	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 16:06	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 16:06	1

Client Sample ID: R-925_11-2022

Date Collected: 11/03/22 12:54
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 16:06	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 16:06	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 16:06	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 16:06	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 16:06	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 16:06	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 16:06	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 16:06	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 16:06	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 16:06	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 16:06	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 16:06	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 16:06	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 16:06	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 16:06	1
Vinyl chloride	**0.94**	**J**	5.0	0.82	ug/L			11/14/22 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/14/22 16:06*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 16:06*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 16:06*	*1*

Client Sample ID: R-08_D1-11-2022

Date Collected: 11/03/22 10:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 16:27	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 16:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 16:27	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 16:27	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 16:27	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 16:27	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 16:27	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 16:27	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 16:27	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 16:27	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 16:27	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 16:27	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 16:27	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 16:27	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 16:27	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:27	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:27	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 16:27	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 16:27	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 16:27	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 16:27	1

Client Sample ID: R-08_D1-11-2022

Date Collected: 11/03/22 10:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 16:27	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 16:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 16:27	1
Acetone	ND		20	9.8	ug/L			11/14/22 16:27	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 16:27	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 16:27	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 16:27	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 16:27	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 16:27	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 16:27	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 16:27	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 16:27	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:27	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 16:27	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 16:27	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 16:27	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 16:27	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 16:27	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 16:27	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 16:27	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 16:27	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 16:27	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 16:27	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 16:27	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 16:27	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 16:27	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 16:27	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 16:27	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 16:27	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 16:27	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 16:27	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 16:27	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 16:27	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 16:27	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 16:27	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 16:27	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 16:27	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 16:27	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 16:27	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 16:27	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 16:27	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 16:27	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 16:27	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 16:27	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/14/22 16:27*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 16:27*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/14/22 16:27*	*1*

Client Sample ID: TB_03_11-2022

Date Collected: 11/02/22 15:59
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 16:48	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 16:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 16:48	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 16:48	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 16:48	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 16:48	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 16:48	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 16:48	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 16:48	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 16:48	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 16:48	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 16:48	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 16:48	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 16:48	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 16:48	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 16:48	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:48	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 16:48	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 16:48	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 16:48	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 16:48	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 16:48	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 16:48	1
Acetone	ND		20	9.8	ug/L			11/14/22 16:48	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 16:48	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 16:48	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 16:48	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 16:48	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 16:48	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 16:48	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 16:48	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 16:48	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 16:48	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 16:48	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 16:48	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 16:48	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 16:48	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 16:48	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 16:48	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 16:48	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 16:48	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 16:48	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 16:48	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 16:48	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 16:48	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 16:48	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 16:48	1

Client Sample ID: TB_03_11-2022

Date Collected: 11/02/22 15:59
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 16:48	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 16:48	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 16:48	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 16:48	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 16:48	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 16:48	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 16:48	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 16:48	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 16:48	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 16:48	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 16:48	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 16:48	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 16:48	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 16:48	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 16:48	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 16:48	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 16:48	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 16:48*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/14/22 16:48*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/14/22 16:48*	*1*

Client Sample ID: EB-01_11-2022

Date Collected: 11/02/22 16:15
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 17:09	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 17:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 17:09	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 17:09	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 17:09	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 17:09	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 17:09	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 17:09	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 17:09	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 17:09	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 17:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 17:09	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 17:09	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 17:09	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 17:09	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 17:09	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 17:09	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 17:09	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 17:09	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 17:09	1

Client Sample ID: EB-01_11-2022

Date Collected: 11/02/22 16:15
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 17:09	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 17:09	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 17:09	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 17:09	1
Acetone	ND		20	9.8	ug/L			11/14/22 17:09	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 17:09	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 17:09	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 17:09	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 17:09	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 17:09	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 17:09	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 17:09	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 17:09	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 17:09	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 17:09	1
Chloroform	**1.6**	**J**	2.0	0.48	ug/L			11/14/22 17:09	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 17:09	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 17:09	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 17:09	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 17:09	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 17:09	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 17:09	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 17:09	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 17:09	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 17:09	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 17:09	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 17:09	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 17:09	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 17:09	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 17:09	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 17:09	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 17:09	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 17:09	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 17:09	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 17:09	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 17:09	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 17:09	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 17:09	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 17:09	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 17:09	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 17:09	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 17:09	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 17:09	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 17:09	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 17:09	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/14/22 17:09*	*1*

Client Sample ID: EB-01_11-2022

Date Collected: 11/02/22 16:15
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 17:09*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/14/22 17:09*	*1*

Client Sample ID: R-08_I2-11-2022

Date Collected: 11/03/22 12:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 22:44	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 22:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 22:44	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 22:44	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 22:44	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 22:44	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 22:44	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 22:44	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 22:44	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 22:44	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 22:44	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 22:44	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 22:44	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 22:44	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 22:44	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 22:44	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 22:44	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 22:44	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 22:44	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 22:44	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 22:44	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 22:44	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 22:44	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 22:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 22:44	1
Acetone	ND		20	9.8	ug/L			11/14/22 22:44	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 22:44	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 22:44	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 22:44	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 22:44	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 22:44	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 22:44	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 22:44	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 22:44	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 22:44	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 22:44	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 22:44	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 22:44	1
cis-1,2-Dichloroethene	**1.4**	**J**	2.0	0.62	ug/L			11/14/22 22:44	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 22:44	1

Client Sample ID: R-08_I2-11-2022

Date Collected: 11/03/22 12:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 22:44	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 22:44	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 22:44	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 22:44	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 22:44	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 22:44	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 22:44	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 22:44	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 22:44	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 22:44	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 22:44	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 22:44	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 22:44	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 22:44	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 22:44	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 22:44	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 22:44	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 22:44	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 22:44	1
Tetrachloroethene	**25**		2.0	0.48	ug/L			11/14/22 22:44	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 22:44	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 22:44	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 22:44	1
Trichloroethene	**11**		2.0	0.54	ug/L			11/14/22 22:44	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 22:44	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 22:44	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/14/22 22:44*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 22:44*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/14/22 22:44*	*1*

Client Sample ID: R-20_11-2022

Date Collected: 11/03/22 15:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 23:05	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 23:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 23:05	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 23:05	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 23:05	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 23:05	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 23:05	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 23:05	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 23:05	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 23:05	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:05	1

Client Sample ID: R-20_11-2022

Date Collected: 11/03/22 15:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 23:05	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 23:05	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 23:05	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 23:05	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 23:05	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:05	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:05	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 23:05	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 23:05	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 23:05	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 23:05	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 23:05	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 23:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 23:05	1
Acetone	ND		20	9.8	ug/L			11/14/22 23:05	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 23:05	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 23:05	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 23:05	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 23:05	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 23:05	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 23:05	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 23:05	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 23:05	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:05	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 23:05	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 23:05	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 23:05	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 23:05	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 23:05	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 23:05	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 23:05	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 23:05	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 23:05	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 23:05	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 23:05	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 23:05	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 23:05	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 23:05	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 23:05	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 23:05	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 23:05	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 23:05	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 23:05	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 23:05	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 23:05	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 23:05	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 23:05	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 23:05	1
Tetrachloroethene	**21**		2.0	0.48	ug/L			11/14/22 23:05	1

Client Sample ID: R-20_11-2022

Lab Sample ID: 550-193178-11

Date Collected: 11/03/22 15:00
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/14/22 23:05	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 23:05	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 23:05	1
Trichloroethene	**0.88**	**J**	2.0	0.54	ug/L			11/14/22 23:05	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 23:05	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 23:05	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 23:05*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 23:05*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/14/22 23:05*	*1*

Client Sample ID: M-20-11-2022

Lab Sample ID: 550-193178-12

Date Collected: 11/03/22 15:20
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 23:26	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 23:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 23:26	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 23:26	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 23:26	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 23:26	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 23:26	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 23:26	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 23:26	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 23:26	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 23:26	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 23:26	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 23:26	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 23:26	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 23:26	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:26	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:26	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 23:26	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 23:26	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 23:26	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 23:26	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 23:26	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 23:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 23:26	1
Acetone	ND		20	9.8	ug/L			11/14/22 23:26	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 23:26	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 23:26	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 23:26	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 23:26	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 23:26	1

Client Sample ID: M-20-11-2022

Date Collected: 11/03/22 15:20
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-12

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/14/22 23:26	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 23:26	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 23:26	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:26	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 23:26	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 23:26	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 23:26	1
cis-1,2-Dichloroethene	**16**		2.0	0.62	ug/L			11/14/22 23:26	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 23:26	1
Chlorodibromomethane	**37**		2.0	0.47	ug/L			11/14/22 23:26	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 23:26	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 23:26	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 23:26	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 23:26	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 23:26	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 23:26	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 23:26	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 23:26	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 23:26	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 23:26	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 23:26	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 23:26	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 23:26	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 23:26	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 23:26	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 23:26	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 23:26	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 23:26	1
Tetrachloroethene	**38**		2.0	0.48	ug/L			11/14/22 23:26	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 23:26	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 23:26	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 23:26	1
Trichloroethene	**2.9**		2.0	0.54	ug/L			11/14/22 23:26	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 23:26	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 23:26	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/14/22 23:26*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 23:26*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/14/22 23:26*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193178-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DBFM (70-130)	TOL (70-130)	BFB (70-130)
550-193178-1	EWMW-4A_11-2022	95	87	79
550-193178-2	SMW-6D_11-2022	96	88	77
550-193178-3	R-04-S2_11-2022	94	88	81
550-193178-4	SMW-4S_11-2022	95	88	78
550-193178-5	R-08A_I1_11-2022	94	89	78
550-193178-6	R-925_11-2022	96	88	78
550-193178-7	R-08_D1-11-2022	95	88	80
550-193178-8	TB_03_11-2022	92	89	80
550-193178-9	EB-01_11-2022	96	90	80
550-193178-10	R-08_I2-11-2022	93	87	81
550-193178-10 MS	R-08_I2-11-2022	91	87	81
550-193178-10 MSD	R-08_I2-11-2022	92	87	82
550-193178-11	R-20_11-2022	94	88	80
550-193178-12	M-20-11-2022	95	88	79
LCS 550-288554/3	Lab Control Sample	91	87	82
LCS 550-288595/3	Lab Control Sample	94	89	85
LCSD 550-288554/4	Lab Control Sample Dup	93	87	83
LCSD 550-288595/4	Lab Control Sample Dup	92	90	82
MB 550-288554/6	Method Blank	92	90	78
MB 550-288595/6	Method Blank	94	87	78

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 10:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 10:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 10:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 10:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 10:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 10:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 10:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 10:52	1
Acetone	ND		20	9.8	ug/L			11/14/22 10:52	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 10:52	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 10:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 10:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 10:52	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 10:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 10:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 10:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 10:52	1
Iodomethane	1.52	J	2.0	0.53	ug/L			11/14/22 10:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 10:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 10:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 10:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 10:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 10:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 10:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 10:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 10:52	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 10:52	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 10:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 10:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 10:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 10:52*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 10:52*	*1*

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	60 - 135
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	67 - 130
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	66 - 135
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	58 - 133
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	44.2		ug/L		88	54 - 135
1,2-Dichloropropane	50.0	46.5		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	70 - 139
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	45.5		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.5		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	52.3		ug/L		105	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	45.1		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.0		ug/L		102	56 - 141
Acetone	50.0	43.6		ug/L		87	11 - 150
Benzene	50.0	46.2		ug/L		92	67 - 130
Bromobenzene	50.0	42.4		ug/L		85	70 - 130
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	56.7		ug/L		113	10 - 150
Carbon disulfide	50.0	58.4		ug/L		117	36 - 150
Carbon tetrachloride	50.0	46.3		ug/L		93	60 - 134
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	60.2		ug/L		120	46 - 150
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	64 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.4		ug/L		91	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	53.2		ug/L		106	29 - 150
Ethylbenzene	50.0	46.0		ug/L		92	80 - 120
Freon 113	50.0	52.4		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	45.8		ug/L		92	58 - 134
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 139
m-Xylene & p-Xylene	50.0	45.0		ug/L		90	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	49.0		ug/L		98	55 - 136
Naphthalene	50.0	42.5		ug/L		85	64 - 135
n-Butylbenzene	50.0	48.3		ug/L		97	70 - 136
N-Propylbenzene	50.0	45.8		ug/L		92	66 - 142
o-Xylene	50.0	45.1		ug/L		90	68 - 136
4-Isopropyltoluene	50.0	47.0		ug/L		94	67 - 138
sec-Butylbenzene	50.0	46.4		ug/L		93	66 - 135
Styrene	50.0	44.3		ug/L		89	69 - 135
tert-Butylbenzene	50.0	45.7		ug/L		91	64 - 135
Tetrachloroethene	50.0	45.9		ug/L		92	63 - 131
Toluene	50.0	46.6		ug/L		93	71 - 123
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	65 - 132
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 136
Trichloroethene	50.0	46.2		ug/L		92	67 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	62 - 147
Vinyl acetate	50.0	57.6		ug/L		115	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	1	20
1,1,2,2-Tetrachloroethane			50.0	46.9		ug/L		94	60 - 135	5	20
1,1,2-Trichloroethane			50.0	45.9		ug/L		92	69 - 130	2	20
1,1-Dichloroethane			50.0	51.3		ug/L		103	65 - 132	0	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	80 - 120	0	23
1,1-Dichloropropene			50.0	47.6		ug/L		95	63 - 130	1	20
1,2,3-Trichlorobenzene			50.0	40.4		ug/L		81	62 - 139	4	20
1,2,3-Trichloropropane			50.0	45.4		ug/L		91	67 - 130	7	20
1,2,4-Trichlorobenzene			50.0	42.6		ug/L		85	66 - 135	4	20
1,2,4-Trimethylbenzene			50.0	46.0		ug/L		92	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/L		99	58 - 133	7	21
1,2-Dibromoethane			50.0	47.1		ug/L		94	70 - 130	3	20
1,2-Dichlorobenzene			50.0	42.9		ug/L		86	70 - 130	1	20
1,2-Dichloroethane			50.0	44.8		ug/L		90	54 - 135	1	20
1,2-Dichloropropane			50.0	46.9		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.1		ug/L		92	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	0	20
1,3-Dichloropropane			50.0	46.3		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	2	20
2,2-Dichloropropane			50.0	53.9		ug/L		108	60 - 148	1	21
2-Butanone (MEK)			50.0	59.0		ug/L		118	50 - 150	12	34
Methyl n-butyl ketone (MNBK)			50.0	59.1		ug/L		118	50 - 148	11	29
4-Chlorotoluene			50.0	45.7		ug/L		91	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	55.9		ug/L		112	56 - 141	9	23
Acetone			50.0	49.7		ug/L		99	11 - 150	13	35
Benzene			50.0	46.1		ug/L		92	67 - 130	0	20
Bromobenzene			50.0	43.0		ug/L		86	70 - 130	1	20
Chlorobromomethane			50.0	48.7		ug/L		97	59 - 139	1	20
Dichlorobromomethane			50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform			50.0	39.6		ug/L		79	67 - 140	3	20
Bromomethane			50.0	56.3		ug/L		113	10 - 150	1	31
Carbon disulfide			50.0	58.6		ug/L		117	36 - 150	0	26
Carbon tetrachloride			50.0	46.3		ug/L		93	60 - 134	0	20
Chlorobenzene			50.0	44.7		ug/L		89	70 - 130	2	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	2	29
Chloroform			50.0	49.0		ug/L		98	80 - 120	0	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	47.2		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.7		ug/L		91	65 - 130	2	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	1	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	53.4		ug/L		107	37 - 150	2	20
Hexachlorobutadiene			50.0	43.8		ug/L		88	58 - 134	4	20
Isopropylbenzene			50.0	46.3		ug/L		93	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.5		ug/L		91	67 - 137	1	20
Methyl tert-butyl ether			50.0	53.0		ug/L		106	59 - 139	3	22
Methylene Chloride			50.0	49.0		ug/L		98	55 - 136	0	23
Naphthalene			50.0	42.6		ug/L		85	64 - 135	0	20
n-Butylbenzene			50.0	48.5		ug/L		97	70 - 136	0	20
N-Propylbenzene			50.0	45.8		ug/L		92	66 - 142	0	20
o-Xylene			50.0	44.2		ug/L		88	68 - 136	2	20
4-Isopropyltoluene			50.0	47.4		ug/L		95	67 - 138	1	20
sec-Butylbenzene			50.0	46.1		ug/L		92	66 - 135	1	20
Styrene			50.0	44.2		ug/L		88	69 - 135	0	20
tert-Butylbenzene			50.0	45.7		ug/L		91	64 - 135	0	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	1	20
Toluene			50.0	46.0		ug/L		92	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	48.0		ug/L		96	66 - 136	0	20
Trichloroethene			50.0	45.9		ug/L		92	67 - 130	1	20
Trichlorofluoromethane			50.0	51.0		ug/L		102	62 - 147	1	22
Vinyl acetate			50.0	57.8		ug/L		116	51 - 150	0	29
Vinyl chloride			50.0	57.6		ug/L		115	80 - 120	0	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 21:20	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 21:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 21:20	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 21:20	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 21:20	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 21:20	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 21:20	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 21:20	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 21:20	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 21:20	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 21:20	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 21:20	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 21:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 21:20	1
Acetone	ND		20	9.8	ug/L			11/14/22 21:20	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 21:20	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 21:20	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 21:20	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 21:20	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 21:20	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 21:20	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 21:20	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 21:20	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 21:20	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 21:20	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 21:20	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 21:20	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 21:20	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 21:20	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 21:20	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 21:20	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 21:20	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 21:20	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 21:20	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 21:20	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 21:20	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 21:20	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 21:20	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 21:20	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 21:20	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 21:20	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 21:20	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 21:20	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 21:20	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 21:20	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 21:20	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 21:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 21:20*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 21:20*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 21:20*	*1*

Lab Sample ID: LCS 550-288595/3
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	45.6		ug/L		91	68 - 133
1,1,1-Trichloroethane	50.0	51.6		ug/L		103	62 - 134
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	60 - 135
1,1,2-Trichloroethane	50.0	45.5		ug/L		91	69 - 130
1,1-Dichloroethane	50.0	52.6		ug/L		105	65 - 132
1,1-Dichloroethene	50.0	52.3		ug/L		105	80 - 120
1,1-Dichloropropene	50.0	49.0		ug/L		98	63 - 130
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	62 - 139
1,2,3-Trichloropropane	50.0	45.6		ug/L		91	67 - 130
1,2,4-Trichlorobenzene	50.0	43.0		ug/L		86	66 - 135
1,2,4-Trimethylbenzene	50.0	47.2		ug/L		94	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	50.1		ug/L		100	58 - 133
1,2-Dibromoethane	50.0	46.2		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	54 - 135
1,2-Dichloropropane	50.0	47.8		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	50.0	45.5		ug/L		91	70 - 139
1,3-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 130
1,3-Dichloropropane	50.0	45.6		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	44.5		ug/L		89	70 - 130
2,2-Dichloropropane	50.0	53.2		ug/L		106	60 - 148
2-Butanone (MEK)	50.0	54.5		ug/L		109	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	55.0		ug/L		110	50 - 148
4-Chlorotoluene	50.0	45.5		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.7		ug/L		103	56 - 141
Acetone	50.0	53.4		ug/L		107	11 - 150
Benzene	50.0	47.7		ug/L		95	67 - 130
Bromobenzene	50.0	44.8		ug/L		90	70 - 130
Chlorobromomethane	50.0	49.0		ug/L		98	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288595/3
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	46.7		ug/L		93	69 - 130
Bromoform	50.0	39.8		ug/L		80	67 - 140
Bromomethane	50.0	56.4		ug/L		113	10 - 150
Carbon disulfide	50.0	59.2		ug/L		118	36 - 150
Carbon tetrachloride	50.0	48.3		ug/L		97	60 - 134
Chlorobenzene	50.0	45.2		ug/L		90	70 - 130
Chloroethane	50.0	57.8		ug/L		116	57 - 150
Chloroform	50.0	50.1		ug/L		100	80 - 120
Chloromethane	50.0	53.3		ug/L		107	46 - 150
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	64 - 130
cis-1,3-Dichloropropene	50.0	47.6		ug/L		95	66 - 134
Chlorodibromomethane	50.0	46.0		ug/L		92	65 - 133
Dibromomethane	50.0	45.8		ug/L		92	65 - 130
Dichlorodifluoromethane	50.0	56.6		ug/L		113	29 - 150
Ethylbenzene	50.0	47.3		ug/L		95	80 - 120
Freon 113	50.0	55.3		ug/L		111	37 - 150
Hexachlorobutadiene	50.0	46.2		ug/L		92	58 - 134
Isopropylbenzene	50.0	48.3		ug/L		97	70 - 139
m-Xylene & p-Xylene	50.0	47.2		ug/L		94	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	50.1		ug/L		100	55 - 136
Naphthalene	50.0	44.4		ug/L		89	64 - 135
n-Butylbenzene	50.0	49.1		ug/L		98	70 - 136
N-Propylbenzene	50.0	47.8		ug/L		96	66 - 142
o-Xylene	50.0	47.3		ug/L		95	68 - 136
4-Isopropyltoluene	50.0	48.5		ug/L		97	67 - 138
sec-Butylbenzene	50.0	48.8		ug/L		98	66 - 135
Styrene	50.0	46.7		ug/L		93	69 - 135
tert-Butylbenzene	50.0	47.7		ug/L		95	64 - 135
Tetrachloroethene	50.0	47.2		ug/L		94	63 - 131
Toluene	50.0	47.1		ug/L		94	71 - 123
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	65 - 132
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	66 - 136
Trichloroethene	50.0	47.5		ug/L		95	67 - 130
Trichlorofluoromethane	50.0	53.2		ug/L		106	62 - 147
Vinyl acetate	50.0	49.4		ug/L		99	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288595/4
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	45.5		ug/L		91	68 - 133	0	20
1,1,1-Trichloroethane	50.0	52.5		ug/L		105	62 - 134	2	20
1,1,2,2-Tetrachloroethane	50.0	43.5		ug/L		87	60 - 135	6	20
1,1,2-Trichloroethane	50.0	45.5		ug/L		91	69 - 130	0	20
1,1-Dichloroethane	50.0	52.3		ug/L		105	65 - 132	0	20
1,1-Dichloroethene	50.0	52.9		ug/L		106	80 - 120	1	23
1,1-Dichloropropene	50.0	50.0		ug/L		100	63 - 130	2	20
1,2,3-Trichlorobenzene	50.0	43.5		ug/L		87	62 - 139	5	20
1,2,3-Trichloropropane	50.0	43.1		ug/L		86	67 - 130	6	20
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	66 - 135	6	20
1,2,4-Trimethylbenzene	50.0	47.1		ug/L		94	70 - 134	0	20
1,2-Dibromo-3-Chloropropane	50.0	48.8		ug/L		98	58 - 133	3	21
1,2-Dibromoethane	50.0	46.3		ug/L		93	70 - 130	0	20
1,2-Dichlorobenzene	50.0	43.2		ug/L		86	70 - 130	3	20
1,2-Dichloroethane	50.0	44.4		ug/L		89	54 - 135	2	20
1,2-Dichloropropane	50.0	47.5		ug/L		95	80 - 120	0	20
1,3,5-Trimethylbenzene	50.0	46.5		ug/L		93	70 - 139	2	20
1,3-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 130	1	20
1,3-Dichloropropane	50.0	46.6		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene	50.0	44.1		ug/L		88	70 - 130	1	20
2,2-Dichloropropane	50.0	53.2		ug/L		106	60 - 148	0	21
2-Butanone (MEK)	50.0	57.5		ug/L		115	50 - 150	5	34
Methyl n-butyl ketone (MNBK)	50.0	54.7		ug/L		109	50 - 148	1	29
4-Chlorotoluene	50.0	45.4		ug/L		91	70 - 130	0	20
4-Methyl-2-pentanone (MIBK)	50.0	51.8		ug/L		104	56 - 141	0	23
Acetone	50.0	51.4		ug/L		103	11 - 150	4	35
Benzene	50.0	47.2		ug/L		94	67 - 130	1	20
Bromobenzene	50.0	43.3		ug/L		87	70 - 130	3	20
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139	2	20
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130	2	20
Bromoform	50.0	38.0		ug/L		76	67 - 140	5	20
Bromomethane	50.0	54.8		ug/L		110	10 - 150	3	31
Carbon disulfide	50.0	60.0		ug/L		120	36 - 150	1	26
Carbon tetrachloride	50.0	49.2		ug/L		98	60 - 134	2	20
Chlorobenzene	50.0	45.6		ug/L		91	70 - 130	1	20
Chloroethane	50.0	56.0		ug/L		112	57 - 150	3	29
Chloroform	50.0	49.6		ug/L		99	80 - 120	1	20
Chloromethane	50.0	51.1		ug/L		102	46 - 150	4	30
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	64 - 130	3	20
cis-1,3-Dichloropropene	50.0	46.0		ug/L		92	66 - 134	3	20
Chlorodibromomethane	50.0	45.0		ug/L		90	65 - 133	2	20
Dibromomethane	50.0	45.6		ug/L		91	65 - 130	0	20
Dichlorodifluoromethane	50.0	56.7		ug/L		113	29 - 150	0	30
Ethylbenzene	50.0	48.3		ug/L		97	80 - 120	2	20
Freon 113	50.0	57.0		ug/L		114	37 - 150	3	20
Hexachlorobutadiene	50.0	50.8		ug/L		102	58 - 134	9	20
Isopropylbenzene	50.0	49.4		ug/L		99	70 - 139	2	20
m-Xylene & p-Xylene	50.0	47.1		ug/L		94	67 - 137	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288595/4
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	50.9		ug/L		102	59 - 139	1	22
Methylene Chloride			50.0	49.3		ug/L		99	55 - 136	2	23
Naphthalene			50.0	45.5		ug/L		91	64 - 135	3	20
n-Butylbenzene			50.0	52.4		ug/L		105	70 - 136	7	20
N-Propylbenzene			50.0	48.7		ug/L		97	66 - 142	2	20
o-Xylene			50.0	46.7		ug/L		93	68 - 136	1	20
4-Isopropyltoluene			50.0	51.0		ug/L		102	67 - 138	5	20
sec-Butylbenzene			50.0	51.4		ug/L		103	66 - 135	5	20
Styrene			50.0	45.6		ug/L		91	69 - 135	2	20
tert-Butylbenzene			50.0	50.7		ug/L		101	64 - 135	6	20
Tetrachloroethene			50.0	48.3		ug/L		97	63 - 131	2	20
Toluene			50.0	47.2		ug/L		94	71 - 123	0	20
trans-1,2-Dichloroethene			50.0	52.0		ug/L		104	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	46.7		ug/L		93	66 - 136	2	20
Trichloroethene			50.0	48.7		ug/L		97	67 - 130	2	20
Trichlorofluoromethane			50.0	54.5		ug/L		109	62 - 147	2	22
Vinyl acetate			50.0	48.8		ug/L		98	51 - 150	1	29
Vinyl chloride			50.0	58.7		ug/L		117	80 - 120	2	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: 550-193178-10 MS
Matrix: Water
Analysis Batch: 288595

Client Sample ID: R-08_I2-11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane	ND		50.0	45.2		ug/L		90	62 - 139		
1,1,1-Trichloroethane	ND		50.0	51.9		ug/L		104	57 - 143		
1,1,2,2-Tetrachloroethane	ND		50.0	45.4		ug/L		91	52 - 150		
1,1,2-Trichloroethane	ND		50.0	44.8		ug/L		90	62 - 137		
1,1-Dichloroethane	ND		50.0	52.6		ug/L		105	58 - 145		
1,1-Dichloroethene	ND		50.0	52.7		ug/L		105	50 - 150		
1,1-Dichloropropene	ND		50.0	49.7		ug/L		99	50 - 142		
1,2,3-Trichlorobenzene	ND		50.0	39.7		ug/L		79	52 - 144		
1,2,3-Trichloropropane	ND		50.0	42.8		ug/L		86	59 - 138		
1,2,4-Trichlorobenzene	ND		50.0	41.2		ug/L		82	54 - 140		
1,2,4-Trimethylbenzene	ND		50.0	46.4		ug/L		93	41 - 150		
1,2-Dibromo-3-Chloropropane	ND		50.0	46.5		ug/L		93	41 - 149		
1,2-Dibromoethane	ND		50.0	46.2		ug/L		92	67 - 136		
1,2-Dichlorobenzene	ND		50.0	43.2		ug/L		86	64 - 132		
1,2-Dichloroethane	ND		50.0	44.9		ug/L		90	47 - 146		
1,2-Dichloropropane	ND		50.0	46.6		ug/L		93	59 - 140		
1,3,5-Trimethylbenzene	ND		50.0	46.2		ug/L		92	34 - 150		
1,3-Dichlorobenzene	ND		50.0	44.4		ug/L		89	67 - 130		
1,3-Dichloropropane	ND		50.0	45.8		ug/L		92	65 - 140		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193178-10 MS
Matrix: Water
Analysis Batch: 288595

Client Sample ID: R-08_I2-11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	ND		50.0	44.3		ug/L		89	67 - 128
2,2-Dichloropropane	ND		50.0	52.1		ug/L		104	54 - 150
2-Butanone (MEK)	ND		50.0	52.9		ug/L		106	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	53.0		ug/L		106	37 - 150
4-Chlorotoluene	ND		50.0	45.3		ug/L		91	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	50.2		ug/L		100	41 - 150
Acetone	ND		50.0	45.8		ug/L		92	10 - 150
Benzene	ND		50.0	47.3		ug/L		95	54 - 142
Bromobenzene	ND		50.0	43.4		ug/L		87	67 - 132
Chlorobromomethane	ND		50.0	48.3		ug/L		97	55 - 147
Dichlorobromomethane	ND		50.0	46.2		ug/L		92	61 - 143
Bromoform	ND		50.0	39.3		ug/L		79	57 - 148
Bromomethane	ND		50.0	53.2		ug/L		106	56 - 149
Carbon disulfide	ND		50.0	59.9		ug/L		120	23 - 150
Carbon tetrachloride	ND		50.0	48.9		ug/L		98	51 - 143
Chlorobenzene	ND		50.0	45.5		ug/L		91	69 - 129
Chloroethane	ND		50.0	56.4		ug/L		113	41 - 150
Chloroform	ND		50.0	50.0		ug/L		100	60 - 148
Chloromethane	ND		50.0	58.6		ug/L		117	29 - 150
cis-1,2-Dichloroethene	1.4	J	50.0	48.6		ug/L		94	57 - 139
cis-1,3-Dichloropropene	ND		50.0	47.3		ug/L		95	57 - 145
Chlorodibromomethane	ND		50.0	46.4		ug/L		93	61 - 143
Dibromomethane	ND		50.0	45.2		ug/L		90	56 - 148
Dichlorodifluoromethane	ND		50.0	57.1		ug/L		114	20 - 150
Ethylbenzene	ND		50.0	47.8		ug/L		96	46 - 149
Freon 113	ND		50.0	56.1		ug/L		112	10 - 150
Hexachlorobutadiene	ND		50.0	45.6		ug/L		91	48 - 146
Isopropylbenzene	ND		50.0	47.9		ug/L		96	56 - 146
m-Xylene & p-Xylene	ND		50.0	46.7		ug/L		93	47 - 150
Methyl tert-butyl ether	ND		50.0	49.6		ug/L		99	51 - 150
Methylene Chloride	ND		50.0	48.9		ug/L		98	43 - 150
Naphthalene	ND		50.0	41.3		ug/L		83	32 - 150
n-Butylbenzene	ND		50.0	49.5		ug/L		99	54 - 146
N-Propylbenzene	ND		50.0	47.9		ug/L		96	54 - 150
o-Xylene	ND		50.0	46.1		ug/L		92	52 - 150
4-Isopropyltoluene	ND		50.0	48.8		ug/L		98	53 - 147
sec-Butylbenzene	ND		50.0	48.6		ug/L		97	54 - 145
Styrene	ND		50.0	45.5		ug/L		91	20 - 150
tert-Butylbenzene	ND		50.0	47.8		ug/L		96	57 - 143
Tetrachloroethene	25		50.0	76.5		ug/L		103	37 - 150
Toluene	ND		50.0	47.8		ug/L		96	54 - 141
trans-1,2-Dichloroethene	ND		50.0	52.5		ug/L		105	58 - 140
trans-1,3-Dichloropropene	ND		50.0	47.5		ug/L		95	57 - 147
Trichloroethene	11		50.0	59.7		ug/L		97	58 - 134
Trichlorofluoromethane	ND		50.0	54.0		ug/L		108	46 - 150
Vinyl acetate	ND		50.0	55.6		ug/L		111	10 - 150
Vinyl chloride	ND		50.0	58.6		ug/L		117	29 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193178-10 MS
Matrix: Water
Analysis Batch: 288595

Client Sample ID: R-08_I2-11-2022
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: 550-193178-10 MSD
Matrix: Water
Analysis Batch: 288595

Client Sample ID: R-08_I2-11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	45.0		ug/L		90	62 - 139	0	35
1,1,1-Trichloroethane	ND		50.0	50.6		ug/L		101	57 - 143	2	35
1,1,2,2-Tetrachloroethane	ND		50.0	45.5		ug/L		91	52 - 150	0	35
1,1,2-Trichloroethane	ND		50.0	45.4		ug/L		91	62 - 137	1	35
1,1-Dichloroethane	ND		50.0	52.2		ug/L		104	58 - 145	1	35
1,1-Dichloroethene	ND		50.0	50.7		ug/L		101	50 - 150	4	35
1,1-Dichloropropene	ND		50.0	48.1		ug/L		96	50 - 142	3	35
1,2,3-Trichlorobenzene	ND		50.0	41.5		ug/L		83	52 - 144	4	35
1,2,3-Trichloropropane	ND		50.0	43.3		ug/L		87	59 - 138	1	35
1,2,4-Trichlorobenzene	ND		50.0	42.2		ug/L		84	54 - 140	2	35
1,2,4-Trimethylbenzene	ND		50.0	45.6		ug/L		91	41 - 150	2	35
1,2-Dibromo-3-Chloropropane	ND		50.0	47.1		ug/L		94	41 - 149	1	35
1,2-Dibromoethane	ND		50.0	46.1		ug/L		92	67 - 136	0	35
1,2-Dichlorobenzene	ND		50.0	44.1		ug/L		88	64 - 132	2	35
1,2-Dichloroethane	ND		50.0	44.9		ug/L		90	47 - 146	0	35
1,2-Dichloropropane	ND		50.0	47.7		ug/L		95	59 - 140	2	35
1,3,5-Trimethylbenzene	ND		50.0	45.4		ug/L		91	34 - 150	2	35
1,3-Dichlorobenzene	ND		50.0	44.8		ug/L		90	67 - 130	1	35
1,3-Dichloropropane	ND		50.0	46.0		ug/L		92	65 - 140	0	35
1,4-Dichlorobenzene	ND		50.0	44.4		ug/L		89	67 - 128	0	35
2,2-Dichloropropane	ND		50.0	50.7		ug/L		101	54 - 150	3	35
2-Butanone (MEK)	ND		50.0	50.5		ug/L		101	10 - 150	5	35
Methyl n-butyl ketone (MNBK)	ND		50.0	51.1		ug/L		102	37 - 150	4	35
4-Chlorotoluene	ND		50.0	45.6		ug/L		91	63 - 141	1	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	49.6		ug/L		99	41 - 150	1	35
Acetone	ND		50.0	43.3		ug/L		87	10 - 150	6	35
Benzene	ND		50.0	47.2		ug/L		94	54 - 142	0	35
Bromobenzene	ND		50.0	44.2		ug/L		88	67 - 132	2	35
Chlorobromomethane	ND		50.0	48.6		ug/L		97	55 - 147	1	35
Dichlorobromomethane	ND		50.0	46.6		ug/L		93	61 - 143	1	35
Bromoform	ND		50.0	39.5		ug/L		79	57 - 148	1	35
Bromomethane	ND		50.0	53.1		ug/L		106	56 - 149	0	35
Carbon disulfide	ND		50.0	57.9		ug/L		116	23 - 150	3	35
Carbon tetrachloride	ND		50.0	46.9		ug/L		94	51 - 143	4	35
Chlorobenzene	ND		50.0	45.3		ug/L		91	69 - 129	1	35
Chloroethane	ND		50.0	55.3		ug/L		111	41 - 150	2	35
Chloroform	ND		50.0	49.5		ug/L		99	60 - 148	1	35
Chloromethane	ND		50.0	57.8		ug/L		116	29 - 150	1	35
cis-1,2-Dichloroethene	1.4	J	50.0	48.2		ug/L		94	57 - 139	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193178-10 MSD
Matrix: Water
Analysis Batch: 288595

Client Sample ID: R-08_I2-11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		50.0	48.0		ug/L		96	57 - 145	1	35
Chlorodibromomethane	ND		50.0	46.5		ug/L		93	61 - 143	0	35
Dibromomethane	ND		50.0	45.7		ug/L		91	56 - 148	1	35
Dichlorodifluoromethane	ND		50.0	54.3		ug/L		109	20 - 150	5	35
Ethylbenzene	ND		50.0	46.7		ug/L		93	46 - 149	2	35
Freon 113	ND		50.0	53.3		ug/L		107	10 - 150	5	35
Hexachlorobutadiene	ND		50.0	44.1		ug/L		88	48 - 146	3	35
Isopropylbenzene	ND		50.0	47.4		ug/L		95	56 - 146	1	35
m-Xylene & p-Xylene	ND		50.0	46.4		ug/L		93	47 - 150	1	35
Methyl tert-butyl ether	ND		50.0	50.3		ug/L		101	51 - 150	1	35
Methylene Chloride	ND		50.0	49.5		ug/L		99	43 - 150	1	35
Naphthalene	ND		50.0	43.6		ug/L		87	32 - 150	6	35
n-Butylbenzene	ND		50.0	47.2		ug/L		94	54 - 146	5	35
N-Propylbenzene	ND		50.0	46.5		ug/L		93	54 - 150	3	35
o-Xylene	ND		50.0	46.3		ug/L		93	52 - 150	1	35
4-Isopropyltoluene	ND		50.0	46.8		ug/L		94	53 - 147	4	35
sec-Butylbenzene	ND		50.0	46.9		ug/L		94	54 - 145	4	35
Styrene	ND		50.0	45.3		ug/L		91	20 - 150	0	35
tert-Butylbenzene	ND		50.0	46.3		ug/L		93	57 - 143	3	35
Tetrachloroethene	25		50.0	72.5		ug/L		95	37 - 150	5	35
Toluene	ND		50.0	47.3		ug/L		95	54 - 141	1	35
trans-1,2-Dichloroethene	ND		50.0	50.9		ug/L		102	58 - 140	3	35
trans-1,3-Dichloropropene	ND		50.0	47.9		ug/L		96	57 - 147	1	35
Trichloroethene	11		50.0	59.1		ug/L		96	58 - 134	1	35
Trichlorofluoromethane	ND		50.0	51.8		ug/L		104	46 - 150	4	35
Vinyl acetate	ND		50.0	51.8		ug/L		104	10 - 150	7	35
Vinyl chloride	ND		50.0	56.6		ug/L		113	29 - 150	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193178-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193178-1	EWMW-4A_11-2022	Total/NA	Water	8260B	
550-193178-2	SMW-6D_11-2022	Total/NA	Water	8260B	
550-193178-3	R-04-S2_11-2022	Total/NA	Water	8260B	
550-193178-4	SMW-4S_11-2022	Total/NA	Water	8260B	
550-193178-5	R-08A_I1_11-2022	Total/NA	Water	8260B	
550-193178-6	R-925_11-2022	Total/NA	Water	8260B	
550-193178-7	R-08_D1-11-2022	Total/NA	Water	8260B	
550-193178-8	TB_03_11-2022	Total/NA	Water	8260B	
550-193178-9	EB-01_11-2022	Total/NA	Water	8260B	
MB 550-288554/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288554/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288554/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193178-10	R-08_I2-11-2022	Total/NA	Water	8260B	
550-193178-11	R-20_11-2022	Total/NA	Water	8260B	
550-193178-12	M-20-11-2022	Total/NA	Water	8260B	
MB 550-288595/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288595/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288595/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193178-10 MS	R-08_I2-11-2022	Total/NA	Water	8260B	
550-193178-10 MSD	R-08_I2-11-2022	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Client Sample ID: EWMW-4A_11-2022
Lab Sample ID: 550-193178-1
Date Collected: 11/03/22 11:29
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 14:42

Client Sample ID: SMW-6D_11-2022
Lab Sample ID: 550-193178-2
Date Collected: 11/03/22 10:25
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 17:30

Client Sample ID: R-04-S2_11-2022
Lab Sample ID: 550-193178-3
Date Collected: 11/03/22 13:50
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 15:03

Client Sample ID: SMW-4S_11-2022
Lab Sample ID: 550-193178-4
Date Collected: 11/03/22 11:10
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 15:24

Client Sample ID: R-08A_I1_11-2022
Lab Sample ID: 550-193178-5
Date Collected: 11/03/22 10:25
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 15:45

Client Sample ID: R-925_11-2022
Lab Sample ID: 550-193178-6
Date Collected: 11/03/22 12:54
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 16:06

Client Sample ID: R-08_D1-11-2022
Lab Sample ID: 550-193178-7
Date Collected: 11/03/22 10:00
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 16:27

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Client Sample ID: TB_03_11-2022
Date Collected: 11/02/22 15:59
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 16:48

Client Sample ID: EB-01_11-2022
Date Collected: 11/02/22 16:15
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 17:09

Client Sample ID: R-08_I2-11-2022
Date Collected: 11/03/22 12:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/14/22 22:44

Client Sample ID: R-20_11-2022
Date Collected: 11/03/22 15:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/14/22 23:05

Client Sample ID: M-20-11-2022
Date Collected: 11/03/22 15:20
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193178-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/14/22 23:26

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193178-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193178-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193178-1	EWMW-4A_11-2022	Water	11/03/22 11:29	11/04/22 10:15
550-193178-2	SMW-6D_11-2022	Water	11/03/22 10:25	11/04/22 10:15
550-193178-3	R-04-S2_11-2022	Water	11/03/22 13:50	11/04/22 10:15
550-193178-4	SMW-4S_11-2022	Water	11/03/22 11:10	11/04/22 10:15
550-193178-5	R-08A_I1_11-2022	Water	11/03/22 10:25	11/04/22 10:15
550-193178-6	R-925_11-2022	Water	11/03/22 12:54	11/04/22 10:15
550-193178-7	R-08_D1-11-2022	Water	11/03/22 10:00	11/04/22 10:15
550-193178-8	TB_03_11-2022	Water	11/02/22 15:59	11/04/22 10:15
550-193178-9	EB-01_11-2022	Water	11/02/22 16:15	11/04/22 10:15
550-193178-10	R-08_I2-11-2022	Water	11/03/22 12:00	11/04/22 10:15
550-193178-11	R-20_11-2022	Water	11/03/22 15:00	11/04/22 10:15
550-193178-12	M-20-11-2022	Water	11/03/22 15:20	11/04/22 10:15

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: LCS 550-288554/3 Client Sample ID:

Date Analyzed: 11/14/22 09:49 Lab File ID: 11142203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	7.33	Invalid Compound ID	kandeer	11/15/22 10:12

Lab Sample ID: MB 550-288554/6 Client Sample ID:

Date Analyzed: 11/14/22 10:52 Lab File ID: 11142206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:44

Lab Sample ID: 550-193178-1 Client Sample ID: EWMW-4A_11-2022

Date Analyzed: 11/14/22 14:42 Lab File ID: 11142217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 11:08
Bromomethane		Invalid Compound ID	kandeer	11/15/22 11:08

Lab Sample ID: 550-193178-3 Client Sample ID: R-04-S2_11-2022

Date Analyzed: 11/14/22 15:03 Lab File ID: 11142218.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 11:09
Bromomethane		Invalid Compound ID	kandeer	11/15/22 11:08

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: 550-193178-4 Client Sample ID: SMW-4S_11-2022

Date Analyzed: 11/14/22 15:24 Lab File ID: 11142219.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.43	Invalid Compound ID	kandeer	11/15/22 11:09
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 11:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288595

Lab Sample ID: LCSD 550-288595/4 Client Sample ID:

Date Analyzed: 11/14/22 20:39 Lab File ID: 11142234.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.72	Split Peak	DOM1	11/15/22 09:55
Vinyl chloride	2.04	Split Peak	DOM1	11/15/22 09:55
Bromomethane	2.39	Split Peak	DOM1	11/15/22 09:55
Chloroethane	2.52	Split Peak	DOM1	11/15/22 09:55

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22	o2si, Lot 443055			(Purchased Reagent)		BFB	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22		AccuStandard, Lot 222071048		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22		Restek, Lot A0182212		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): ____ ____

Client Sample ID	Lab Sample ID	DBFM #	TOL #	BFB #
EWMW-4A_11-2022	550-193178-1	95	87	79
SMW-6D_11-2022	550-193178-2	96	88	77
R-04-S2_11-2022	550-193178-3	94	88	81
SMW-4S_11-2022	550-193178-4	95	88	78
R-08A_I1_11-2022	550-193178-5	94	89	78
R-925_11-2022	550-193178-6	96	88	78
R-08_D1-11-2022	550-193178-7	95	88	80
TB_03_11-2022	550-193178-8	92	89	80
EB-01_11-2022	550-193178-9	96	90	80
R-08_I2-11-2022	550-193178-10	93	87	81
R-20_11-2022	550-193178-11	94	88	80
M-20-11-2022	550-193178-12	95	88	79
	MB 550-288554/6	92	90	78
	MB 550-288595/6	94	87	78
	LCS 550-288554/3	91	87	82
	LCS 550-288595/3	94	89	85
	LCSD 550-288554/4	93	87	83
	LCSD 550-288595/4	92	90	82
R-08_I2-11-2022 MS	550-193178-10 MS	91	87	81
R-08_I2-11-2022 MSD	550-193178-10 MSD	92	87	82

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	68-133	
1,1,1-Trichloroethane	50.0	49.6	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	44.7	89	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.4	101	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	42.0	84	62-139	
1,2,3-Trichloropropane	50.0	42.5	85	67-130	
1,2,4-Trichlorobenzene	50.0	44.4	89	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.4	93	58-133	
1,2-Dibromoethane	50.0	45.9	92	70-130	
1,2-Dichlorobenzene	50.0	42.4	85	70-130	
1,2-Dichloroethane	50.0	44.2	88	54-135	
1,2-Dichloropropane	50.0	46.5	93	80-120	
1,3,5-Trimethylbenzene	50.0	44.7	89	70-139	
1,3-Dichlorobenzene	50.0	44.3	89	70-130	
1,3-Dichloropropane	50.0	45.5	91	69-130	
1,4-Dichlorobenzene	50.0	43.5	87	70-130	
2,2-Dichloropropane	50.0	53.5	107	60-148	
2-Butanone (MEK)	50.0	52.3	105	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.0	102	56-141	
Acetone	50.0	43.6	87	11-150	
Benzene	50.0	46.2	92	67-130	
Bromobenzene	50.0	42.4	85	70-130	
Chlorobromomethane	50.0	48.1	96	59-139	
Dichlorobromomethane	50.0	45.6	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	56.7	113	10-150	
Carbon disulfide	50.0	58.4	117	36-150	
Carbon tetrachloride	50.0	46.3	93	60-134	
Chlorobenzene	50.0	44.0	88	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	60.2	120	46-150	
cis-1,2-Dichloroethene	50.0	45.7	91	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	66-134	
Chlorodibromomethane	50.0	45.4	91	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	29-150	
Ethylbenzene	50.0	46.0	92	80-120	
Freon 113	50.0	52.4	105	37-150	
Hexachlorobutadiene	50.0	45.8	92	58-134	
Isopropylbenzene	50.0	46.1	92	70-139	
m-Xylene & p-Xylene	50.0	45.0	90	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	49.0	98	55-136	
Naphthalene	50.0	42.5	85	64-135	
n-Butylbenzene	50.0	48.3	97	70-136	
N-Propylbenzene	50.0	45.8	92	66-142	
o-Xylene	50.0	45.1	90	68-136	
4-Isopropyltoluene	50.0	47.0	94	67-138	
sec-Butylbenzene	50.0	46.4	93	66-135	
Styrene	50.0	44.3	89	69-135	
tert-Butylbenzene	50.0	45.7	91	64-135	
Tetrachloroethene	50.0	45.9	92	63-131	
Toluene	50.0	46.6	93	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	48.1	96	66-136	
Trichloroethene	50.0	46.2	92	67-130	
Trichlorofluoromethane	50.0	50.3	101	62-147	
Vinyl acetate	50.0	57.6	115	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142233.D

Lab ID: LCS 550-288595/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.6	91	68-133	
1,1,1-Trichloroethane	50.0	51.6	103	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.4	93	60-135	
1,1,2-Trichloroethane	50.0	45.5	91	69-130	
1,1-Dichloroethane	50.0	52.6	105	65-132	
1,1-Dichloroethene	50.0	52.3	105	80-120	
1,1-Dichloropropene	50.0	49.0	98	63-130	
1,2,3-Trichlorobenzene	50.0	41.3	83	62-139	
1,2,3-Trichloropropane	50.0	45.6	91	67-130	
1,2,4-Trichlorobenzene	50.0	43.0	86	66-135	
1,2,4-Trimethylbenzene	50.0	47.2	94	70-134	
1,2-Dibromo-3-Chloropropane	50.0	50.1	100	58-133	
1,2-Dibromoethane	50.0	46.2	92	70-130	
1,2-Dichlorobenzene	50.0	44.3	89	70-130	
1,2-Dichloroethane	50.0	45.2	90	54-135	
1,2-Dichloropropane	50.0	47.8	96	80-120	
1,3,5-Trimethylbenzene	50.0	45.5	91	70-139	
1,3-Dichlorobenzene	50.0	45.1	90	70-130	
1,3-Dichloropropane	50.0	45.6	91	69-130	
1,4-Dichlorobenzene	50.0	44.5	89	70-130	
2,2-Dichloropropane	50.0	53.2	106	60-148	
2-Butanone (MEK)	50.0	54.5	109	50-150	
Methyl n-butyl ketone (MNBK)	50.0	55.0	110	50-148	
4-Chlorotoluene	50.0	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.7	103	56-141	
Acetone	50.0	53.4	107	11-150	
Benzene	50.0	47.7	95	67-130	
Bromobenzene	50.0	44.8	90	70-130	
Chlorobromomethane	50.0	49.0	98	59-139	
Dichlorobromomethane	50.0	46.7	93	69-130	
Bromoform	50.0	39.8	80	67-140	
Bromomethane	50.0	56.4	113	10-150	
Carbon disulfide	50.0	59.2	118	36-150	
Carbon tetrachloride	50.0	48.3	97	60-134	
Chlorobenzene	50.0	45.2	90	70-130	
Chloroethane	50.0	57.8	116	57-150	
Chloroform	50.0	50.1	100	80-120	
Chloromethane	50.0	53.3	107	46-150	
cis-1,2-Dichloroethene	50.0	47.5	95	64-130	
cis-1,3-Dichloropropene	50.0	47.6	95	66-134	
Chlorodibromomethane	50.0	46.0	92	65-133	
Dibromomethane	50.0	45.8	92	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142233.D

Lab ID: LCS 550-288595/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.6	113	29-150	
Ethylbenzene	50.0	47.3	95	80-120	
Freon 113	50.0	55.3	111	37-150	
Hexachlorobutadiene	50.0	46.2	92	58-134	
Isopropylbenzene	50.0	48.3	97	70-139	
m-Xylene & p-Xylene	50.0	47.2	94	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	50.1	100	55-136	
Naphthalene	50.0	44.4	89	64-135	
n-Butylbenzene	50.0	49.1	98	70-136	
N-Propylbenzene	50.0	47.8	96	66-142	
o-Xylene	50.0	47.3	95	68-136	
4-Isopropyltoluene	50.0	48.5	97	67-138	
sec-Butylbenzene	50.0	48.8	98	66-135	
Styrene	50.0	46.7	93	69-135	
tert-Butylbenzene	50.0	47.7	95	64-135	
Tetrachloroethene	50.0	47.2	94	63-131	
Toluene	50.0	47.1	94	71-123	
trans-1,2-Dichloroethene	50.0	52.1	104	65-132	
trans-1,3-Dichloropropene	50.0	47.6	95	66-136	
Trichloroethene	50.0	47.5	95	67-130	
Trichlorofluoromethane	50.0	53.2	106	62-147	
Vinyl acetate	50.0	49.4	99	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	5	20	60-135	
1,1,2-Trichloroethane	50.0	45.9	92	2	20	69-130	
1,1-Dichloroethane	50.0	51.3	103	0	20	65-132	
1,1-Dichloroethene	50.0	50.4	101	0	23	80-120	
1,1-Dichloropropene	50.0	47.6	95	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	40.4	81	4	20	62-139	
1,2,3-Trichloropropane	50.0	45.4	91	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.6	85	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.0	92	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	7	21	58-133	
1,2-Dibromoethane	50.0	47.1	94	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.9	86	1	20	70-130	
1,2-Dichloroethane	50.0	44.8	90	1	20	54-135	
1,2-Dichloropropane	50.0	46.9	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.4	89	0	20	70-130	
1,3-Dichloropropane	50.0	46.3	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	2	20	70-130	
2,2-Dichloropropane	50.0	53.9	108	1	21	60-148	
2-Butanone (MEK)	50.0	59.0	118	12	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.1	118	11	29	50-148	
4-Chlorotoluene	50.0	45.7	91	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.9	112	9	23	56-141	
Acetone	50.0	49.7	99	13	35	11-150	
Benzene	50.0	46.1	92	0	20	67-130	
Bromobenzene	50.0	43.0	86	1	20	70-130	
Chlorobromomethane	50.0	48.7	97	1	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	39.6	79	3	20	67-140	
Bromomethane	50.0	56.3	113	1	31	10-150	
Carbon disulfide	50.0	58.6	117	0	26	36-150	
Carbon tetrachloride	50.0	46.3	93	0	20	60-134	
Chlorobenzene	50.0	44.7	89	2	20	70-130	
Chloroethane	50.0	57.9	116	2	29	57-150	
Chloroform	50.0	49.0	98	0	20	80-120	
Chloromethane	50.0	59.4	119	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	1	20	64-130	
cis-1,3-Dichloropropene	50.0	47.2	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	45.7	91	2	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	1	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	53.4	107	2	20	37-150	
Hexachlorobutadiene	50.0	43.8	88	4	20	58-134	
Isopropylbenzene	50.0	46.3	93	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.5	91	1	20	67-137	
Methyl tert-butyl ether	50.0	53.0	106	3	22	59-139	
Methylene Chloride	50.0	49.0	98	0	23	55-136	
Naphthalene	50.0	42.6	85	0	20	64-135	
n-Butylbenzene	50.0	48.5	97	0	20	70-136	
N-Propylbenzene	50.0	45.8	92	0	20	66-142	
o-Xylene	50.0	44.2	88	2	20	68-136	
4-Isopropyltoluene	50.0	47.4	95	1	20	67-138	
sec-Butylbenzene	50.0	46.1	92	1	20	66-135	
Styrene	50.0	44.2	88	0	20	69-135	
tert-Butylbenzene	50.0	45.7	91	0	20	64-135	
Tetrachloroethene	50.0	46.3	93	1	20	63-131	
Toluene	50.0	46.0	92	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.5	101	0	20	65-132	
trans-1,3-Dichloropropene	50.0	48.0	96	0	20	66-136	
Trichloroethene	50.0	45.9	92	1	20	67-130	
Trichlorofluoromethane	50.0	51.0	102	1	22	62-147	
Vinyl acetate	50.0	57.8	116	0	29	51-150	
Vinyl chloride	50.0	57.6	115	0	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142234.D

Lab ID: LCSD 550-288595/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.5	91	0	20	68-133	
1,1,1-Trichloroethane	50.0	52.5	105	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.5	87	6	20	60-135	
1,1,2-Trichloroethane	50.0	45.5	91	0	20	69-130	
1,1-Dichloroethane	50.0	52.3	105	0	20	65-132	
1,1-Dichloroethene	50.0	52.9	106	1	23	80-120	
1,1-Dichloropropene	50.0	50.0	100	2	20	63-130	
1,2,3-Trichlorobenzene	50.0	43.5	87	5	20	62-139	
1,2,3-Trichloropropane	50.0	43.1	86	6	20	67-130	
1,2,4-Trichlorobenzene	50.0	45.9	92	6	20	66-135	
1,2,4-Trimethylbenzene	50.0	47.1	94	0	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	48.8	98	3	21	58-133	
1,2-Dibromoethane	50.0	46.3	93	0	20	70-130	
1,2-Dichlorobenzene	50.0	43.2	86	3	20	70-130	
1,2-Dichloroethane	50.0	44.4	89	2	20	54-135	
1,2-Dichloropropane	50.0	47.5	95	0	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.5	93	2	20	70-139	
1,3-Dichlorobenzene	50.0	44.6	89	1	20	70-130	
1,3-Dichloropropane	50.0	46.6	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.1	88	1	20	70-130	
2,2-Dichloropropane	50.0	53.2	106	0	21	60-148	
2-Butanone (MEK)	50.0	57.5	115	5	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	54.7	109	1	29	50-148	
4-Chlorotoluene	50.0	45.4	91	0	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.8	104	0	23	56-141	
Acetone	50.0	51.4	103	4	35	11-150	
Benzene	50.0	47.2	94	1	20	67-130	
Bromobenzene	50.0	43.3	87	3	20	70-130	
Chlorobromomethane	50.0	48.1	96	2	20	59-139	
Dichlorobromomethane	50.0	45.6	91	2	20	69-130	
Bromoform	50.0	38.0	76	5	20	67-140	
Bromomethane	50.0	54.8	110	3	31	10-150	
Carbon disulfide	50.0	60.0	120	1	26	36-150	
Carbon tetrachloride	50.0	49.2	98	2	20	60-134	
Chlorobenzene	50.0	45.6	91	1	20	70-130	
Chloroethane	50.0	56.0	112	3	29	57-150	
Chloroform	50.0	49.6	99	1	20	80-120	
Chloromethane	50.0	51.1	102	4	30	46-150	
cis-1,2-Dichloroethene	50.0	46.3	93	3	20	64-130	
cis-1,3-Dichloropropene	50.0	46.0	92	3	20	66-134	
Chlorodibromomethane	50.0	45.0	90	2	20	65-133	
Dibromomethane	50.0	45.6	91	0	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142234.D

Lab ID: LCSD 550-288595/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.7	113	0	30	29-150	
Ethylbenzene	50.0	48.3	97	2	20	80-120	
Freon 113	50.0	57.0	114	3	20	37-150	
Hexachlorobutadiene	50.0	50.8	102	9	20	58-134	
Isopropylbenzene	50.0	49.4	99	2	20	70-139	
m-Xylene & p-Xylene	50.0	47.1	94	0	20	67-137	
Methyl tert-butyl ether	50.0	50.9	102	1	22	59-139	
Methylene Chloride	50.0	49.3	99	2	23	55-136	
Naphthalene	50.0	45.5	91	3	20	64-135	
n-Butylbenzene	50.0	52.4	105	7	20	70-136	
N-Propylbenzene	50.0	48.7	97	2	20	66-142	
o-Xylene	50.0	46.7	93	1	20	68-136	
4-Isopropyltoluene	50.0	51.0	102	5	20	67-138	
sec-Butylbenzene	50.0	51.4	103	5	20	66-135	
Styrene	50.0	45.6	91	2	20	69-135	
tert-Butylbenzene	50.0	50.7	101	6	20	64-135	
Tetrachloroethene	50.0	48.3	97	2	20	63-131	
Toluene	50.0	47.2	94	0	20	71-123	
trans-1,2-Dichloroethene	50.0	52.0	104	0	20	65-132	
trans-1,3-Dichloropropene	50.0	46.7	93	2	20	66-136	
Trichloroethene	50.0	48.7	97	2	20	67-130	
Trichlorofluoromethane	50.0	54.5	109	2	22	62-147	
Vinyl acetate	50.0	48.8	98	1	29	51-150	
Vinyl chloride	50.0	58.7	117	2	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142238.D

Lab ID: 550-193178-10 MS Client ID: R-08_I2-11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	45.2	90	62-139	
1,1,1-Trichloroethane	50.0	ND	51.9	104	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	45.4	91	52-150	
1,1,2-Trichloroethane	50.0	ND	44.8	90	62-137	
1,1-Dichloroethane	50.0	ND	52.6	105	58-145	
1,1-Dichloroethene	50.0	ND	52.7	105	50-150	
1,1-Dichloropropene	50.0	ND	49.7	99	50-142	
1,2,3-Trichlorobenzene	50.0	ND	39.7	79	52-144	
1,2,3-Trichloropropane	50.0	ND	42.8	86	59-138	
1,2,4-Trichlorobenzene	50.0	ND	41.2	82	54-140	
1,2,4-Trimethylbenzene	50.0	ND	46.4	93	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	46.5	93	41-149	
1,2-Dibromoethane	50.0	ND	46.2	92	67-136	
1,2-Dichlorobenzene	50.0	ND	43.2	86	64-132	
1,2-Dichloroethane	50.0	ND	44.9	90	47-146	
1,2-Dichloropropane	50.0	ND	46.6	93	59-140	
1,3,5-Trimethylbenzene	50.0	ND	46.2	92	34-150	
1,3-Dichlorobenzene	50.0	ND	44.4	89	67-130	
1,3-Dichloropropane	50.0	ND	45.8	92	65-140	
1,4-Dichlorobenzene	50.0	ND	44.3	89	67-128	
2,2-Dichloropropane	50.0	ND	52.1	104	54-150	
2-Butanone (MEK)	50.0	ND	52.9	106	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	53.0	106	37-150	
4-Chlorotoluene	50.0	ND	45.3	91	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	50.2	100	41-150	
Acetone	50.0	ND	45.8	92	10-150	
Benzene	50.0	ND	47.3	95	54-142	
Bromobenzene	50.0	ND	43.4	87	67-132	
Chlorobromomethane	50.0	ND	48.3	97	55-147	
Dichlorobromomethane	50.0	ND	46.2	92	61-143	
Bromoform	50.0	ND	39.3	79	57-148	
Bromomethane	50.0	ND	53.2	106	56-149	
Carbon disulfide	50.0	ND	59.9	120	23-150	
Carbon tetrachloride	50.0	ND	48.9	98	51-143	
Chlorobenzene	50.0	ND	45.5	91	69-129	
Chloroethane	50.0	ND	56.4	113	41-150	
Chloroform	50.0	ND	50.0	100	60-148	
Chloromethane	50.0	ND	58.6	117	29-150	
cis-1,2-Dichloroethene	50.0	1.4 J	48.6	94	57-139	
cis-1,3-Dichloropropene	50.0	ND	47.3	95	57-145	
Chlorodibromomethane	50.0	ND	46.4	93	61-143	
Dibromomethane	50.0	ND	45.2	90	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142238.D

Lab ID: 550-193178-10 MS Client ID: R-08_I2-11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	57.1	114	20-150	
Ethylbenzene	50.0	ND	47.8	96	46-149	
Freon 113	50.0	ND	56.1	112	10-150	
Hexachlorobutadiene	50.0	ND	45.6	91	48-146	
Isopropylbenzene	50.0	ND	47.9	96	56-146	
m-Xylene & p-Xylene	50.0	ND	46.7	93	47-150	
Methyl tert-butyl ether	50.0	ND	49.6	99	51-150	
Methylene Chloride	50.0	ND	48.9	98	43-150	
Naphthalene	50.0	ND	41.3	83	32-150	
n-Butylbenzene	50.0	ND	49.5	99	54-146	
N-Propylbenzene	50.0	ND	47.9	96	54-150	
o-Xylene	50.0	ND	46.1	92	52-150	
4-Isopropyltoluene	50.0	ND	48.8	98	53-147	
sec-Butylbenzene	50.0	ND	48.6	97	54-145	
Styrene	50.0	ND	45.5	91	20-150	
tert-Butylbenzene	50.0	ND	47.8	96	57-143	
Tetrachloroethene	50.0	25	76.5	103	37-150	
Toluene	50.0	ND	47.8	96	54-141	
trans-1,2-Dichloroethene	50.0	ND	52.5	105	58-140	
trans-1,3-Dichloropropene	50.0	ND	47.5	95	57-147	
Trichloroethene	50.0	11	59.7	97	58-134	
Trichlorofluoromethane	50.0	ND	54.0	108	46-150	
Vinyl acetate	50.0	ND	55.6	111	10-150	
Vinyl chloride	50.0	ND	58.6	117	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142239.D

Lab ID: 550-193178-10 MSD Client ID: R-08_I2-11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.0	90	0	35	62-139	
1,1,1-Trichloroethane	50.0	50.6	101	2	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	45.5	91	0	35	52-150	
1,1,2-Trichloroethane	50.0	45.4	91	1	35	62-137	
1,1-Dichloroethane	50.0	52.2	104	1	35	58-145	
1,1-Dichloroethene	50.0	50.7	101	4	35	50-150	
1,1-Dichloropropene	50.0	48.1	96	3	35	50-142	
1,2,3-Trichlorobenzene	50.0	41.5	83	4	35	52-144	
1,2,3-Trichloropropane	50.0	43.3	87	1	35	59-138	
1,2,4-Trichlorobenzene	50.0	42.2	84	2	35	54-140	
1,2,4-Trimethylbenzene	50.0	45.6	91	2	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	47.1	94	1	35	41-149	
1,2-Dibromoethane	50.0	46.1	92	0	35	67-136	
1,2-Dichlorobenzene	50.0	44.1	88	2	35	64-132	
1,2-Dichloroethane	50.0	44.9	90	0	35	47-146	
1,2-Dichloropropane	50.0	47.7	95	2	35	59-140	
1,3,5-Trimethylbenzene	50.0	45.4	91	2	35	34-150	
1,3-Dichlorobenzene	50.0	44.8	90	1	35	67-130	
1,3-Dichloropropane	50.0	46.0	92	0	35	65-140	
1,4-Dichlorobenzene	50.0	44.4	89	0	35	67-128	
2,2-Dichloropropane	50.0	50.7	101	3	35	54-150	
2-Butanone (MEK)	50.0	50.5	101	5	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	51.1	102	4	35	37-150	
4-Chlorotoluene	50.0	45.6	91	1	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	49.6	99	1	35	41-150	
Acetone	50.0	43.3	87	6	35	10-150	
Benzene	50.0	47.2	94	0	35	54-142	
Bromobenzene	50.0	44.2	88	2	35	67-132	
Chlorobromomethane	50.0	48.6	97	1	35	55-147	
Dichlorobromomethane	50.0	46.6	93	1	35	61-143	
Bromoform	50.0	39.5	79	1	35	57-148	
Bromomethane	50.0	53.1	106	0	35	56-149	
Carbon disulfide	50.0	57.9	116	3	35	23-150	
Carbon tetrachloride	50.0	46.9	94	4	35	51-143	
Chlorobenzene	50.0	45.3	91	1	35	69-129	
Chloroethane	50.0	55.3	111	2	35	41-150	
Chloroform	50.0	49.5	99	1	35	60-148	
Chloromethane	50.0	57.8	116	1	35	29-150	
cis-1,2-Dichloroethene	50.0	48.2	94	1	35	57-139	
cis-1,3-Dichloropropene	50.0	48.0	96	1	35	57-145	
Chlorodibromomethane	50.0	46.5	93	0	35	61-143	
Dibromomethane	50.0	45.7	91	1	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142239.D

Lab ID: 550-193178-10 MSD Client ID: R-08_I2-11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	54.3	109	5	35	20-150	
Ethylbenzene	50.0	46.7	93	2	35	46-149	
Freon 113	50.0	53.3	107	5	35	10-150	
Hexachlorobutadiene	50.0	44.1	88	3	35	48-146	
Isopropylbenzene	50.0	47.4	95	1	35	56-146	
m-Xylene & p-Xylene	50.0	46.4	93	1	35	47-150	
Methyl tert-butyl ether	50.0	50.3	101	1	35	51-150	
Methylene Chloride	50.0	49.5	99	1	35	43-150	
Naphthalene	50.0	43.6	87	6	35	32-150	
n-Butylbenzene	50.0	47.2	94	5	35	54-146	
N-Propylbenzene	50.0	46.5	93	3	35	54-150	
o-Xylene	50.0	46.3	93	1	35	52-150	
4-Isopropyltoluene	50.0	46.8	94	4	35	53-147	
sec-Butylbenzene	50.0	46.9	94	4	35	54-145	
Styrene	50.0	45.3	91	0	35	20-150	
tert-Butylbenzene	50.0	46.3	93	3	35	57-143	
Tetrachloroethene	50.0	72.5	95	5	35	37-150	
Toluene	50.0	47.3	95	1	35	54-141	
trans-1,2-Dichloroethene	50.0	50.9	102	3	35	58-140	
trans-1,3-Dichloropropene	50.0	47.9	96	1	35	57-147	
Trichloroethene	50.0	59.1	96	1	35	58-134	
Trichlorofluoromethane	50.0	51.8	104	4	35	46-150	
Vinyl acetate	50.0	51.8	104	7	35	10-150	
Vinyl chloride	50.0	56.6	113	3	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab File ID: 11142206.D Lab Sample ID: MB 550-288554/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 10:52

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288554/3	11142203.D	11/14/2022 09:49
	LCSD 550-288554/4	11142204.D	11/14/2022 10:10
EWMW-4A_11-2022	550-193178-1	11142217.D	11/14/2022 14:42
R-04-S2_11-2022	550-193178-3	11142218.D	11/14/2022 15:03
SMW-4S_11-2022	550-193178-4	11142219.D	11/14/2022 15:24
R-08A_I1_11-2022	550-193178-5	11142220.D	11/14/2022 15:45
R-925_11-2022	550-193178-6	11142221.D	11/14/2022 16:06
R-08_D1-11-2022	550-193178-7	11142222.D	11/14/2022 16:27
TB_03_11-2022	550-193178-8	11142223.D	11/14/2022 16:48
EB-01_11-2022	550-193178-9	11142224.D	11/14/2022 17:09
SMW-6D_11-2022	550-193178-2	11142225.D	11/14/2022 17:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab File ID: 11142236.D Lab Sample ID: MB 550-288595/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 21:20

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288595/3	11142233.D	11/14/2022 20:18
	LCSD 550-288595/4	11142234.D	11/14/2022 20:39
R-08_I2-11-2022 MS	550-193178-10 MS	11142238.D	11/14/2022 22:02
R-08_I2-11-2022 MSD	550-193178-10 MSD	11142239.D	11/14/2022 22:23
R-08_I2-11-2022	550-193178-10	11142240.D	11/14/2022 22:44
R-20_11-2022	550-193178-11	11142241.D	11/14/2022 23:05
M-20-11-2022	550-193178-12	11142242.D	11/14/2022 23:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab File ID: 11142201.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 08:37

Analysis Batch No.: 288554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	98.7	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288554/2	11142202.D	11/14/2022	9:28
	LCS 550-288554/3	11142203.D	11/14/2022	9:49
	LCSD 550-288554/4	11142204.D	11/14/2022	10:10
	MB 550-288554/6	11142206.D	11/14/2022	10:52
EWMW-4A_11-2022	550-193178-1	11142217.D	11/14/2022	14:42
R-04-S2_11-2022	550-193178-3	11142218.D	11/14/2022	15:03
SMW-4S_11-2022	550-193178-4	11142219.D	11/14/2022	15:24
R-08A_I1_11-2022	550-193178-5	11142220.D	11/14/2022	15:45
R-925_11-2022	550-193178-6	11142221.D	11/14/2022	16:06
R-08_D1-11-2022	550-193178-7	11142222.D	11/14/2022	16:27
TB_03_11-2022	550-193178-8	11142223.D	11/14/2022	16:48
EB-01_11-2022	550-193178-9	11142224.D	11/14/2022	17:09
SMW-6D_11-2022	550-193178-2	11142225.D	11/14/2022	17:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab File ID: 11142230.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 19:15

Analysis Batch No.: 288595

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	104.3	
175	5.0 - 9.0 % of mass 174	8.0	(7.7) 1
176	95.0 - 101.0 % of mass 174	102.0	(97.8) 1
177	5.0 - 9.0 % of mass 176	7.3	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288595/2	11142232.D	11/14/2022	19:56
	LCS 550-288595/3	11142233.D	11/14/2022	20:18
	LCSD 550-288595/4	11142234.D	11/14/2022	20:39
	MB 550-288595/6	11142236.D	11/14/2022	21:20
R-08_I2-11-2022 MS	550-193178-10 MS	11142238.D	11/14/2022	22:02
R-08_I2-11-2022 MSD	550-193178-10 MSD	11142239.D	11/14/2022	22:23
R-08_I2-11-2022	550-193178-10	11142240.D	11/14/2022	22:44
R-20_11-2022	550-193178-11	11142241.D	11/14/2022	23:05
M-20-11-2022	550-193178-12	11142242.D	11/14/2022	23:26

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288554/2		153642	4.34	1079796	7.34	845101	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288554/2		496532	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		153642	4.34	1079796	7.34	845101	9.97
UPPER LIMIT		307284	4.84	2159592	7.84	1690202	10.47
LOWER LIMIT		76821	3.84	539898	6.84	422551	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		172893	4.33	1096549	7.33	858827	9.97
LCSD 550-288554/4		209788	4.33	1086471	7.33	859433	9.97
MB 550-288554/6		162830	4.32	1071195	7.33	788220	9.97
550-193178-1	EWMW-4A_11-2022	130759	4.33	1018520	7.33	790714	9.97
550-193178-3	R-04-S2_11-2022	108907	4.31	1118266	7.33	874350	9.97
550-193178-4	SMW-4S_11-2022	114869	4.33	1032848	7.33	791824	9.97
550-193178-5	R-08A_I1_11-2022	113937	4.32	956018	7.33	726940	9.97
550-193178-6	R-925_11-2022	122764	4.33	993677	7.34	776862	9.97
550-193178-7	R-08_D1-11-2022	124715	4.32	1059813	7.33	832583	9.97
550-193178-8	TB_03_11-2022	110365	4.32	971776	7.34	738477	9.98
550-193178-9	EB-01_11-2022	125264	4.33	962381	7.34	734112	9.98
550-193178-2	SMW-6D_11-2022	125831	4.33	966406	7.34	747327	9.98

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496532	11.84				
UPPER LIMIT		993064	12.34				
LOWER LIMIT		248266	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		491570	11.84				
LCSD 550-288554/4		492470	11.85				
MB 550-288554/6		475441	11.84				
550-193178-1	EWMW-4A_11-2022	476574	11.84				
550-193178-3	R-04-S2_11-2022	508406	11.84				
550-193178-4	SMW-4S_11-2022	475625	11.84				
550-193178-5	R-08A_I1_11-2022	434832	11.84				
550-193178-6	R-925_11-2022	458254	11.84				
550-193178-7	R-08_D1-11-2022	495653	11.84				
550-193178-8	TB_03_11-2022	430105	11.85				
550-193178-9	EB-01_11-2022	442586	11.85				
550-193178-2	SMW-6D_11-2022	448382	11.85				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: CCVIS 550-288595/2 Date Analyzed: 11/14/2022 19:56

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142232.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		161604	4.33	964891	7.33	751199	9.97
UPPER LIMIT		323208	4.83	1929782	7.83	1502398	10.47
LOWER LIMIT		80802	3.83	482446	6.83	375600	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288595/3		162156	4.32	984846	7.33	769398	9.97
LCSD 550-288595/4		170530	4.31	1004886	7.33	791177	9.97
MB 550-288595/6		155245	4.32	1019029	7.33	795768	9.97
550-193178-10 MS	R-08_I2-11-2022 MS	141671	4.33	939803	7.33	737234	9.97
550-193178-10 MSD	R-08_I2-11-2022 MSD	128474	4.34	984944	7.34	769815	9.97
550-193178-10	R-08_I2-11-2022	133508	4.32	1143227	7.33	908920	9.97
550-193178-11	R-20_11-2022	110121	4.33	1014559	7.33	788719	9.97
550-193178-12	M-20-11-2022	113100	4.33	1016825	7.33	798609	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Sample No.: CCVIS 550-288595/2 Date Analyzed: 11/14/2022 19:56

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142232.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		424157	11.84				
UPPER LIMIT		848314	12.34				
LOWER LIMIT		212079	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288595/3		423345	11.84				
LCSD 550-288595/4		445694	11.84				
MB 550-288595/6		482598	11.84				
550-193178-10 MS	R-08_I2-11-2022 MS	419081	11.84				
550-193178-10 MSD	R-08_I2-11-2022 MSD	429211	11.84				
550-193178-10	R-08_I2-11-2022	526244	11.84				
550-193178-11	R-20_11-2022	459663	11.84				
550-193178-12	M-20-11-2022	476608	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: EWMW-4A_11-2022 | Lab Sample ID: 550-193178-1

Matrix: Water | Lab File ID: 11142217.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:29

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: EWMW-4A_11-2022 | Lab Sample ID: 550-193178-1

Matrix: Water | Lab File ID: 11142217.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:29

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.56	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: EWMW-4A_11-2022 Lab Sample ID: 550-193178-1

Matrix: Water Lab File ID: 11142217.D

Analysis Method: 8260B Date Collected: 11/03/2022 11:29

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 14:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-6D_11-2022 | Lab Sample ID: 550-193178-2

Matrix: Water | Lab File ID: 11142225.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 5.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-6D_11-2022 | Lab Sample ID: 550-193178-2

Matrix: Water | Lab File ID: 11142225.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 5.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	2.2	J	5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.6	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-6D_11-2022 | Lab Sample ID: 550-193178-2

Matrix: Water | Lab File ID: 11142225.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 5.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-04-S2_11-2022 | Lab Sample ID: 550-193178-3

Matrix: Water | Lab File ID: 11142218.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-04-S2_11-2022 Lab Sample ID: 550-193178-3

Matrix: Water Lab File ID: 11142218.D

Analysis Method: 8260B Date Collected: 11/03/2022 13:50

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 15:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	3.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	0.94	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	2.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	2.9		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-04-S2_11-2022 | Lab Sample ID: 550-193178-3

Matrix: Water | Lab File ID: 11142218.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-4S_11-2022 | Lab Sample ID: 550-193178-4

Matrix: Water | Lab File ID: 11142219.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-4S_11-2022 | Lab Sample ID: 550-193178-4

Matrix: Water | Lab File ID: 11142219.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	0.92	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.67	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	3.6		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: SMW-4S_11-2022 | Lab Sample ID: 550-193178-4

Matrix: Water | Lab File ID: 11142219.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08A_I1_11-2022 | Lab Sample ID: 550-193178-5

Matrix: Water | Lab File ID: 11142220.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08A_I1_11-2022 | Lab Sample ID: 550-193178-5

Matrix: Water | Lab File ID: 11142220.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	6.3		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	7.5		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08A_I1_11-2022 | Lab Sample ID: 550-193178-5

Matrix: Water | Lab File ID: 11142220.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:25

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 15:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-925_11-2022 | Lab Sample ID: 550-193178-6

Matrix: Water | Lab File ID: 11142221.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:54

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-925_11-2022 | Lab Sample ID: 550-193178-6

Matrix: Water | Lab File ID: 11142221.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:54

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	0.94	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-925_11-2022 Lab Sample ID: 550-193178-6

Matrix: Water Lab File ID: 11142221.D

Analysis Method: 8260B Date Collected: 11/03/2022 12:54

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 16:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_D1-11-2022 | Lab Sample ID: 550-193178-7

Matrix: Water | Lab File ID: 11142222.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_D1-11-2022 | Lab Sample ID: 550-193178-7

Matrix: Water | Lab File ID: 11142222.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_D1-11-2022 | Lab Sample ID: 550-193178-7

Matrix: Water | Lab File ID: 11142222.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: TB_03_11-2022 | Lab Sample ID: 550-193178-8

Matrix: Water | Lab File ID: 11142223.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:59

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: TB_03_11-2022 | Lab Sample ID: 550-193178-8

Matrix: Water | Lab File ID: 11142223.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:59

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 16:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: TB_03_11-2022 Lab Sample ID: 550-193178-8

Matrix: Water Lab File ID: 11142223.D

Analysis Method: 8260B Date Collected: 11/02/2022 15:59

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 16:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: EB-01_11-2022 | Lab Sample ID: 550-193178-9

Matrix: Water | Lab File ID: 11142224.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: EB-01_11-2022 | Lab Sample ID: 550-193178-9

Matrix: Water | Lab File ID: 11142224.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	1.6	J	2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: EB-01_11-2022 | Lab Sample ID: 550-193178-9

Matrix: Water | Lab File ID: 11142224.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 | Lab Sample ID: 550-193178-10

Matrix: Water | Lab File ID: 11142240.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 | Lab Sample ID: 550-193178-10

Matrix: Water | Lab File ID: 11142240.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.4	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	25		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	11		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 Lab Sample ID: 550-193178-10

Matrix: Water Lab File ID: 11142240.D

Analysis Method: 8260B Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 22:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-20_11-2022 | Lab Sample ID: 550-193178-11

Matrix: Water | Lab File ID: 11142241.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-20_11-2022 | Lab Sample ID: 550-193178-11

Matrix: Water | Lab File ID: 11142241.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	21		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	0.88	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-20_11-2022 | Lab Sample ID: 550-193178-11

Matrix: Water | Lab File ID: 11142241.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: M-20-11-2022 | Lab Sample ID: 550-193178-12

Matrix: Water | Lab File ID: 11142242.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: M-20-11-2022 | Lab Sample ID: 550-193178-12

Matrix: Water | Lab File ID: 11142242.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	16		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	37		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	38		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	2.9		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: M-20-11-2022 | Lab Sample ID: 550-193178-12

Matrix: Water | Lab File ID: 11142242.D

Analysis Method: 8260B | Date Collected: 11/03/2022 15:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188 1011919	42024 1817393	78737 2925530	206697 4137291	410767	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
tert-Butylbenzene	DCBd 4	Ave	25006 1114906	46259 1935535	91779 3256219	240694 4729715	483514	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602 1206372	49398 2076668	96879 3452051	251844 4988214	502992	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
sec-Butylbenzene	DCBd 4	Ave	31737 1397170	59115 2442130	116071 4131905	306873 5954380	613132	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	18204 782193	32162 1373413	63978 2207118	161734 3219631	320044	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
4-Isopropyltoluene	DCBd 4	Ave	30674 1338220	56668 2309199	111423 3889447	295543 5687819	587952	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	18081 774798	33153 1337786	62813 2139443	161066 3123296	316239	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
n-Butylbenzene	DCBd 4	Ave	26110 1081192	48862 1824868	97171 3087386	254863 4451351	501452	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	16275 745964	31664 1286930	61906 2063903	153686 2937840	304555	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 52427	2115 108561	3925 161361	9662 215067	20545	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013 527877	26264 825209	51354 1387789	123692 2003749	240612	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193178-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

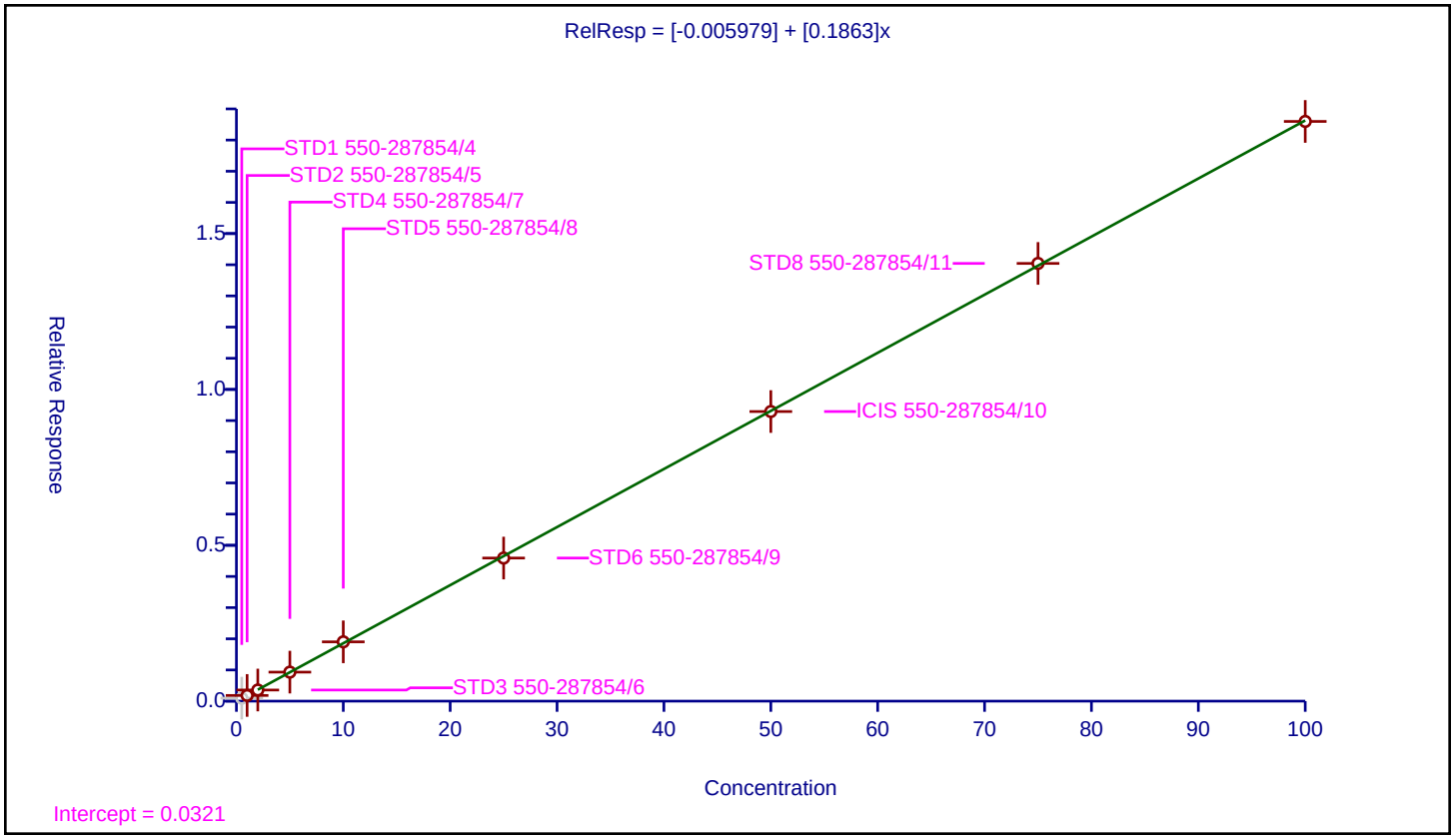
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

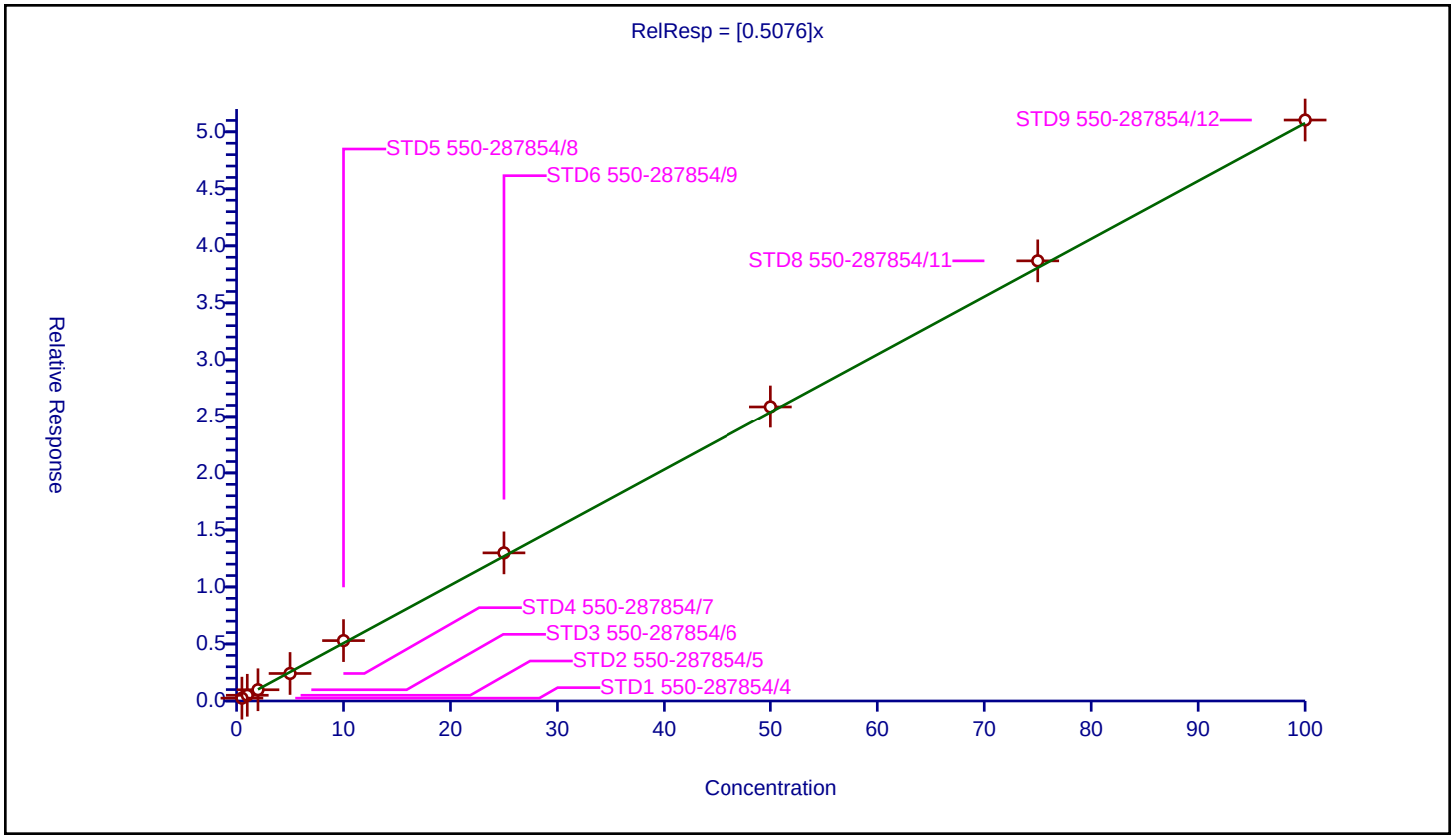
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

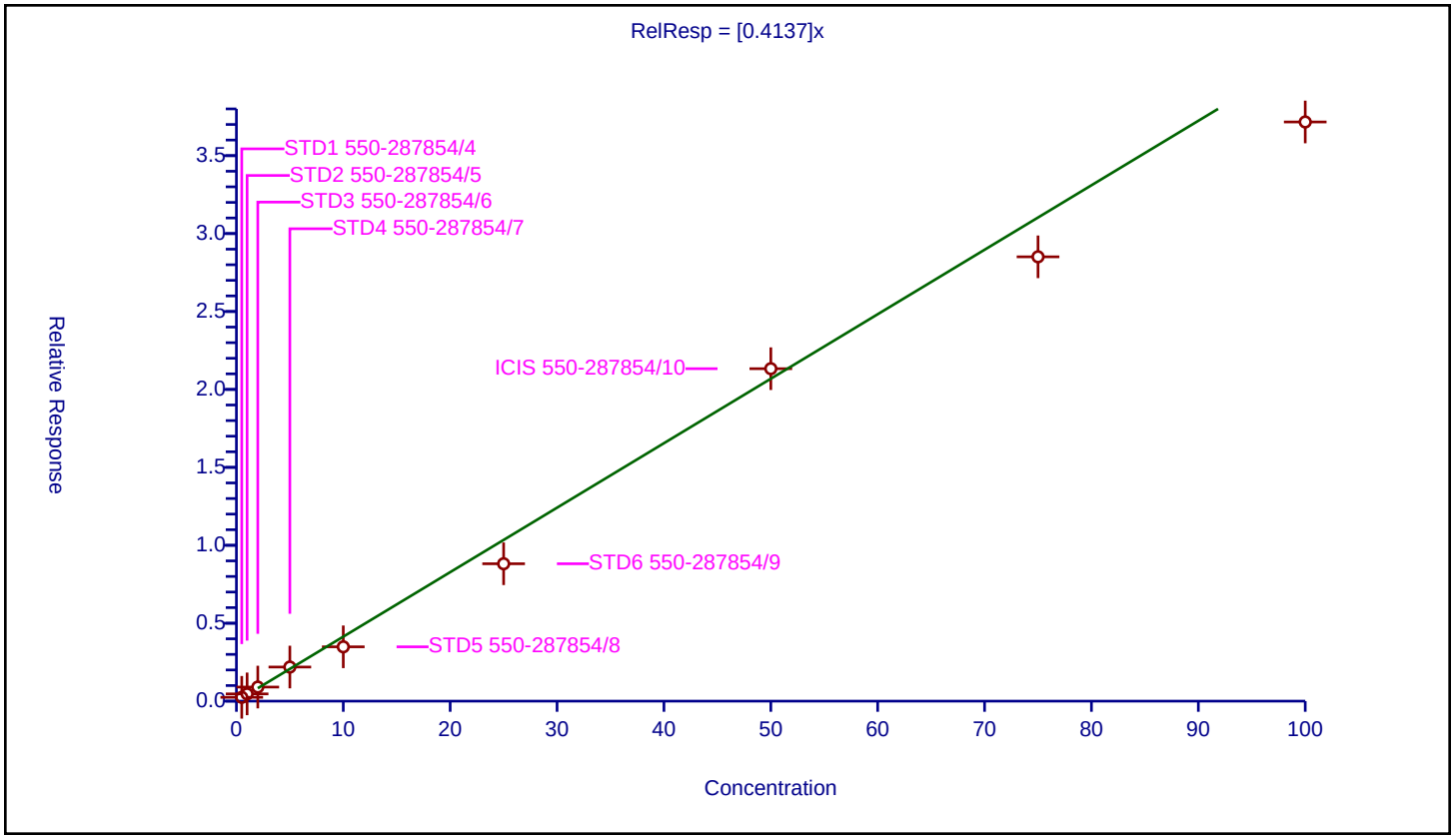
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

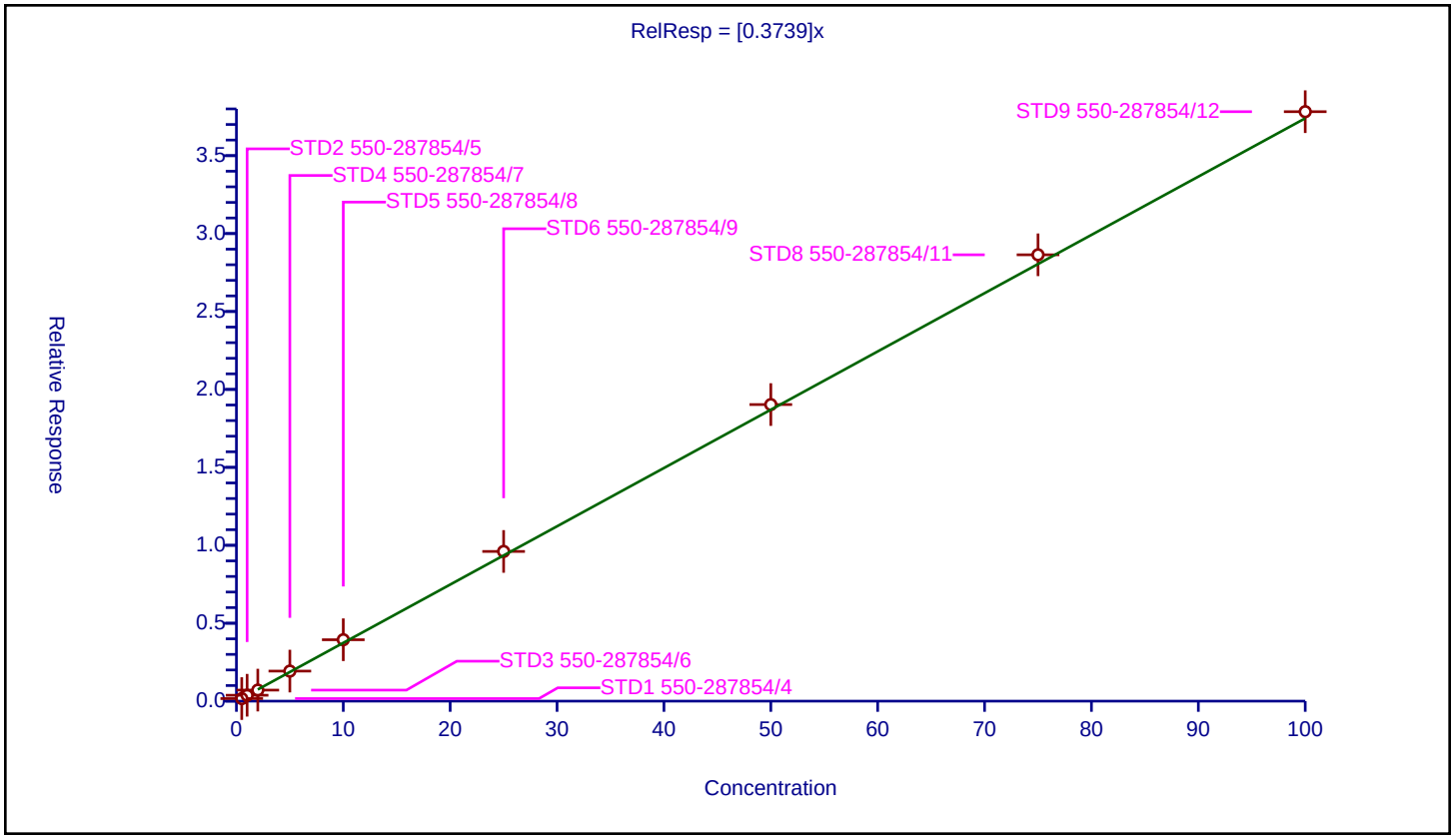
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

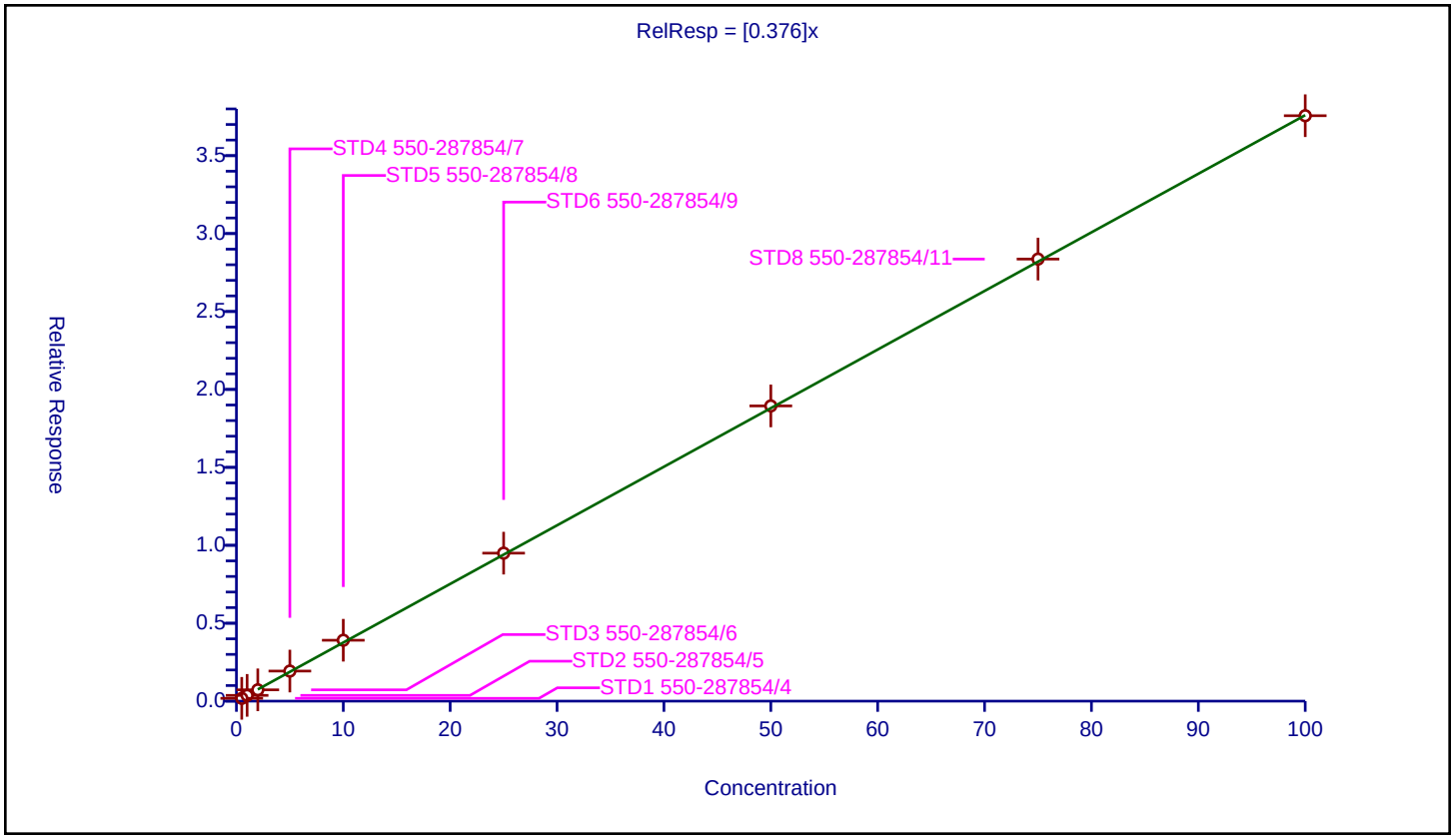
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

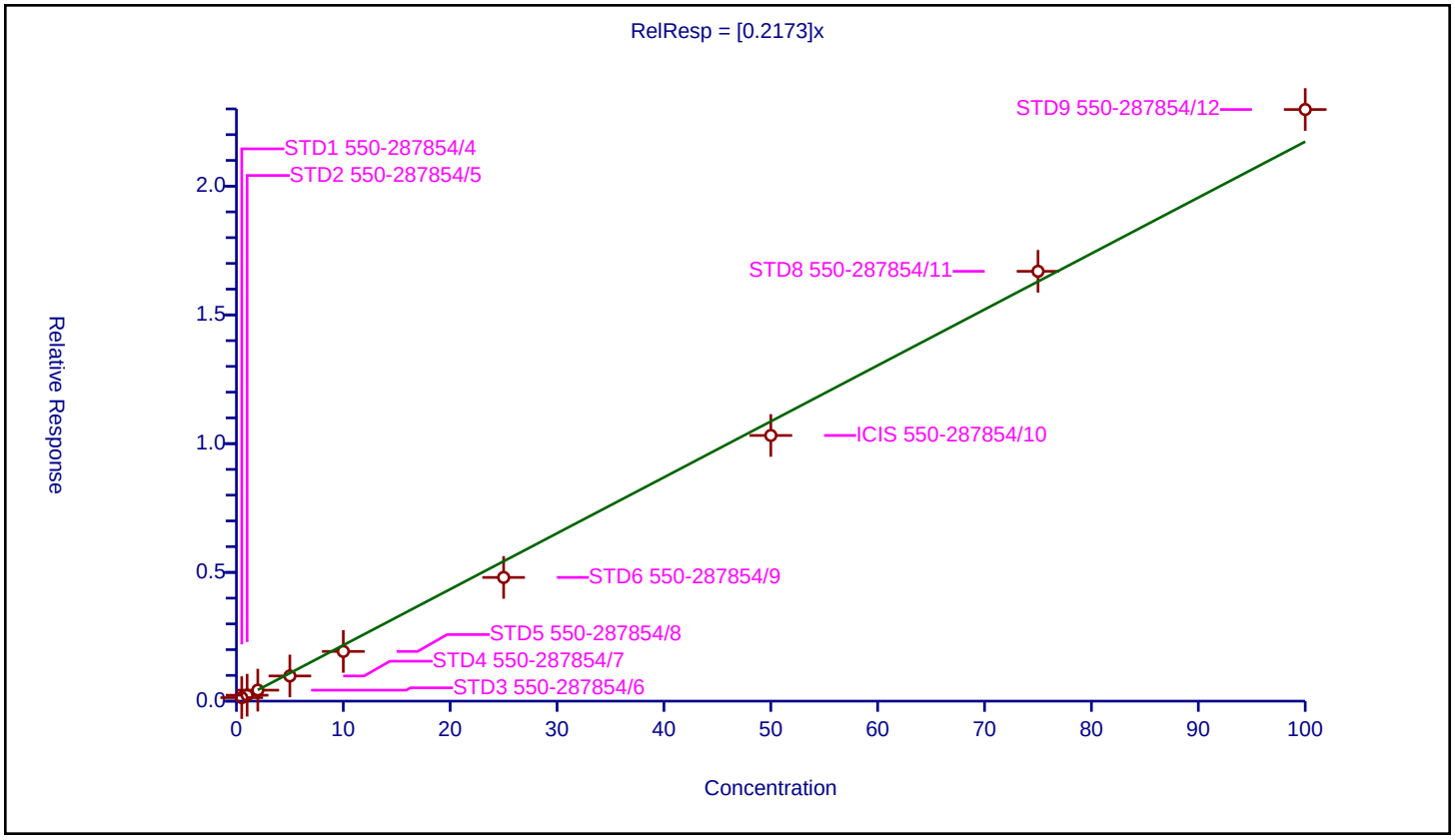
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

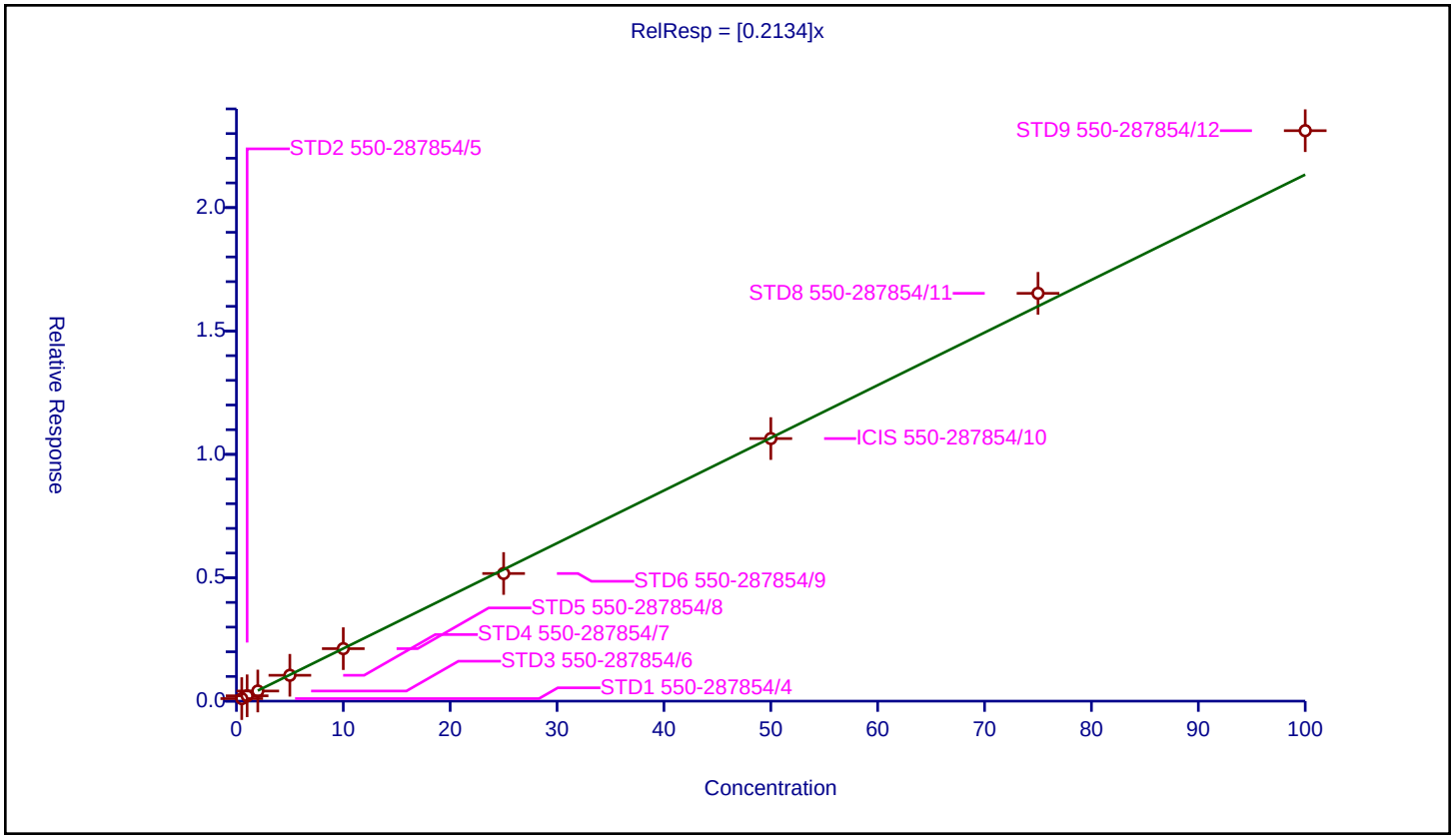
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

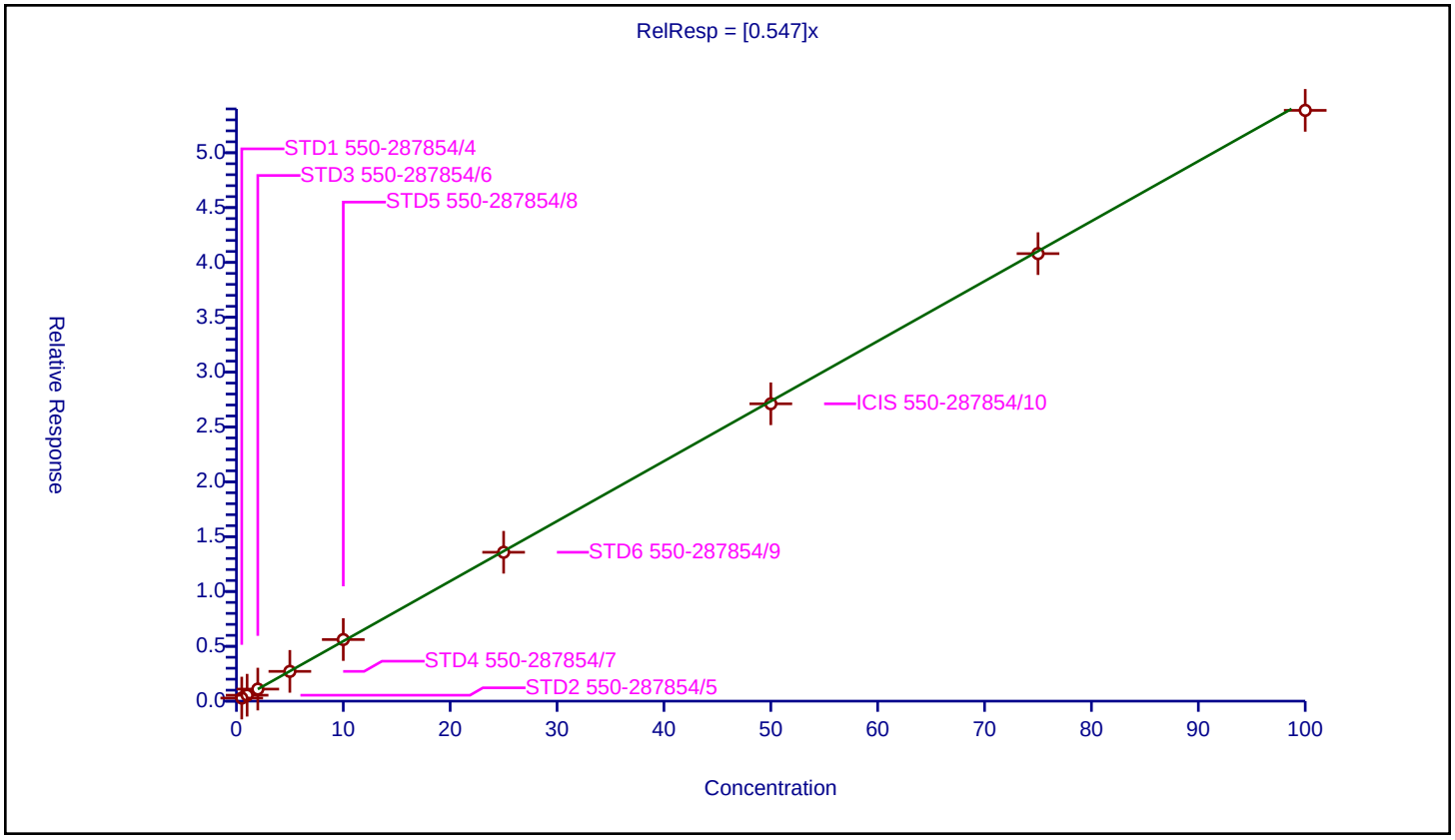
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

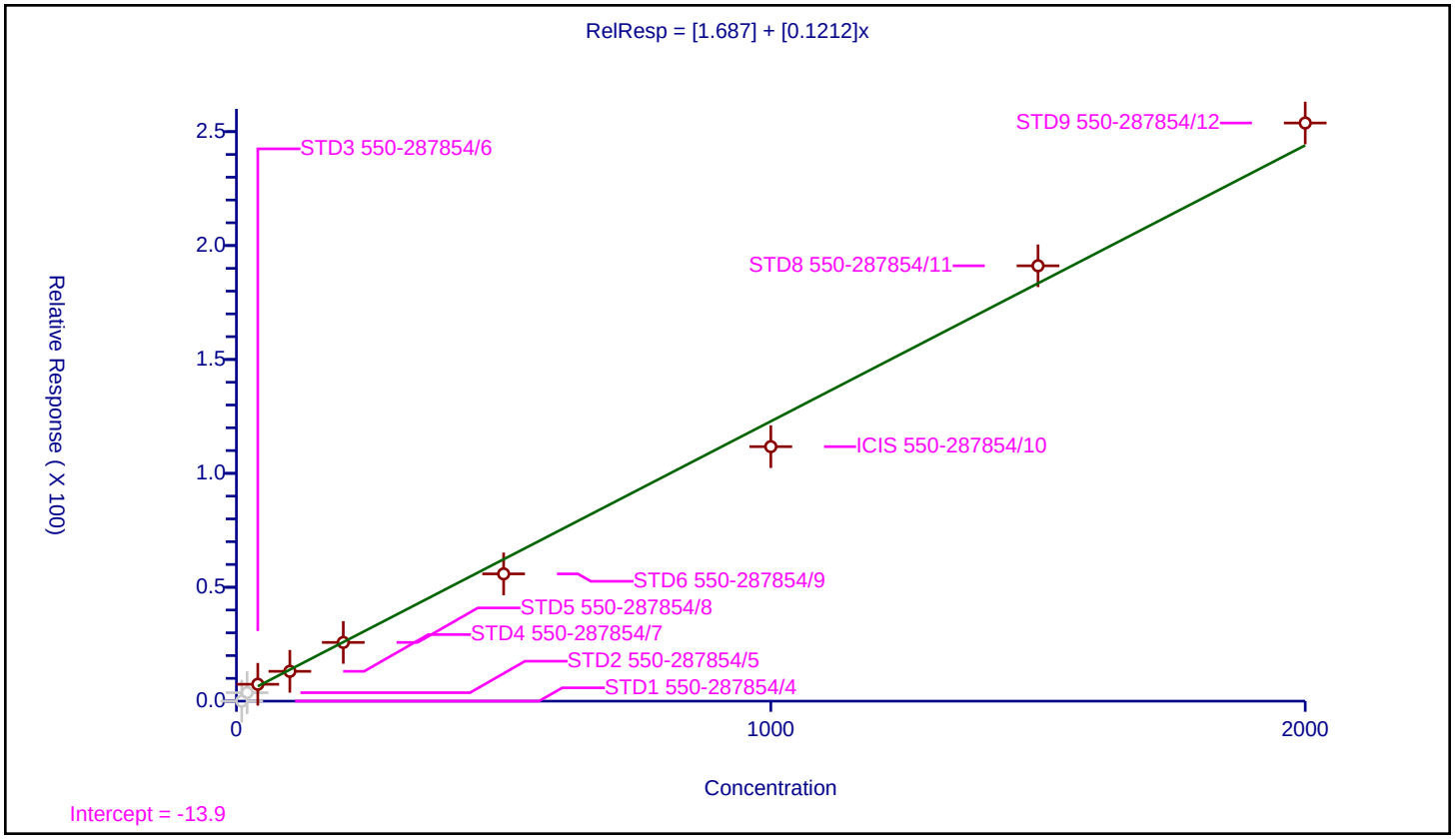
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

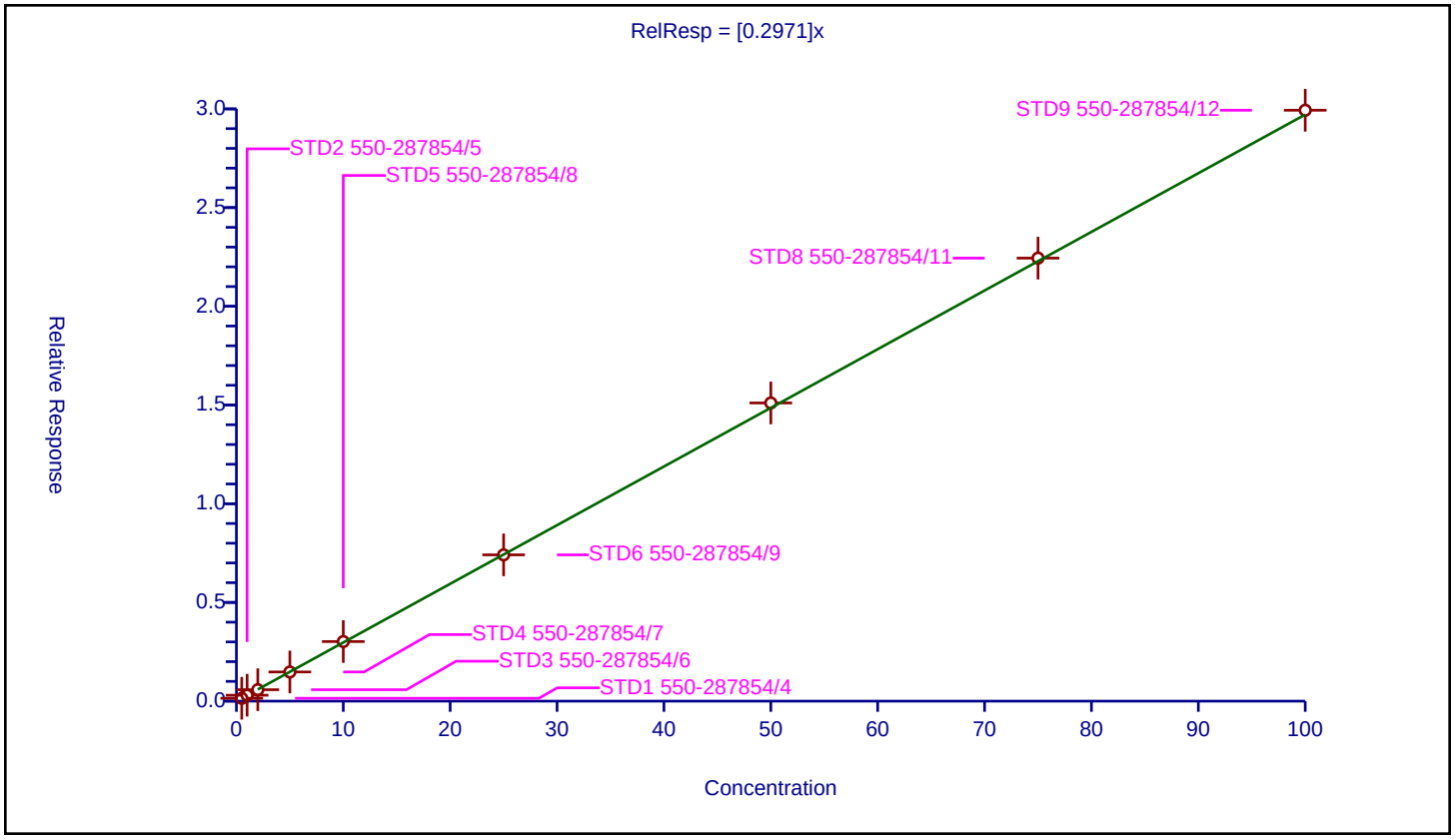
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

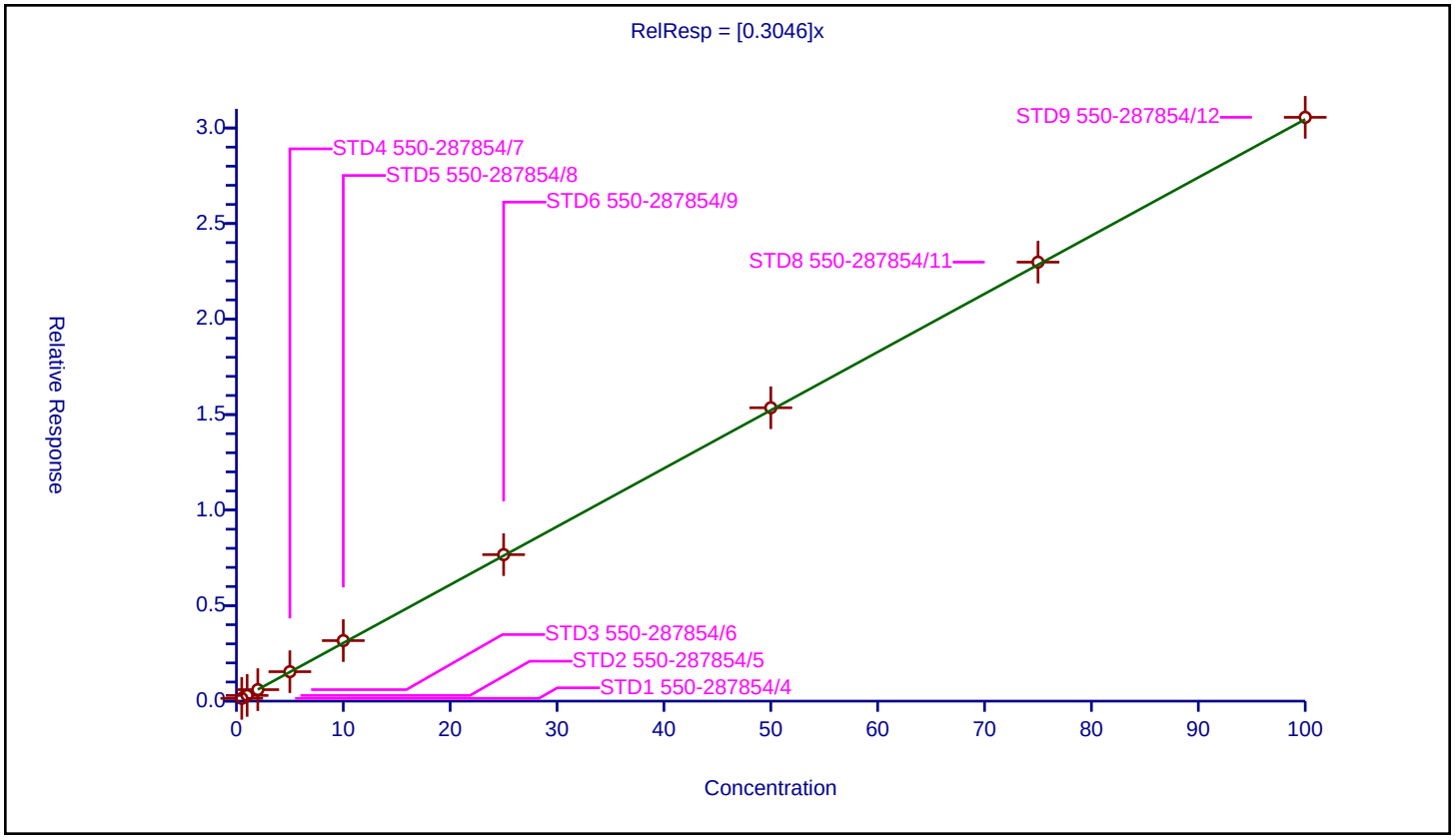
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

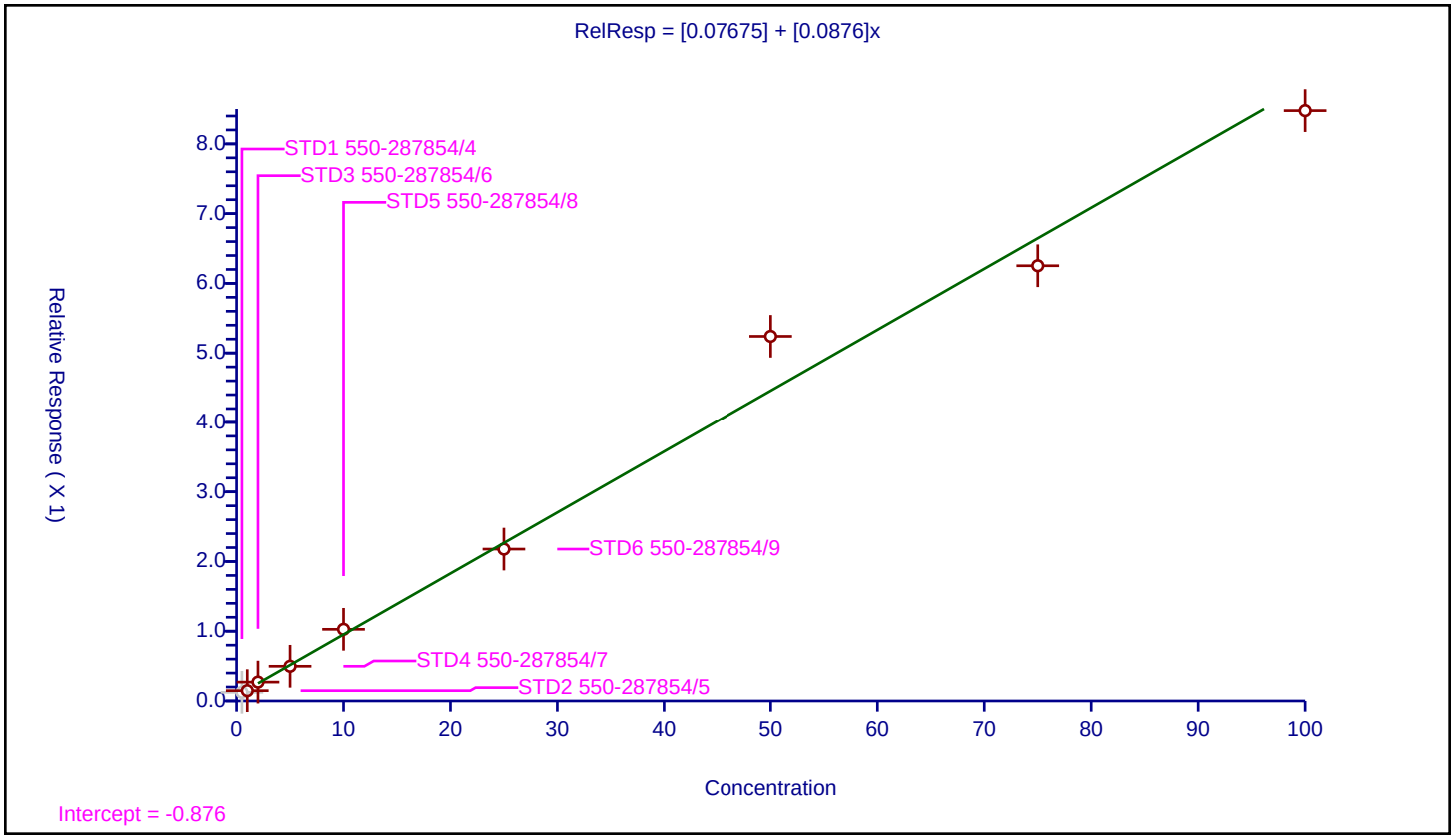
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

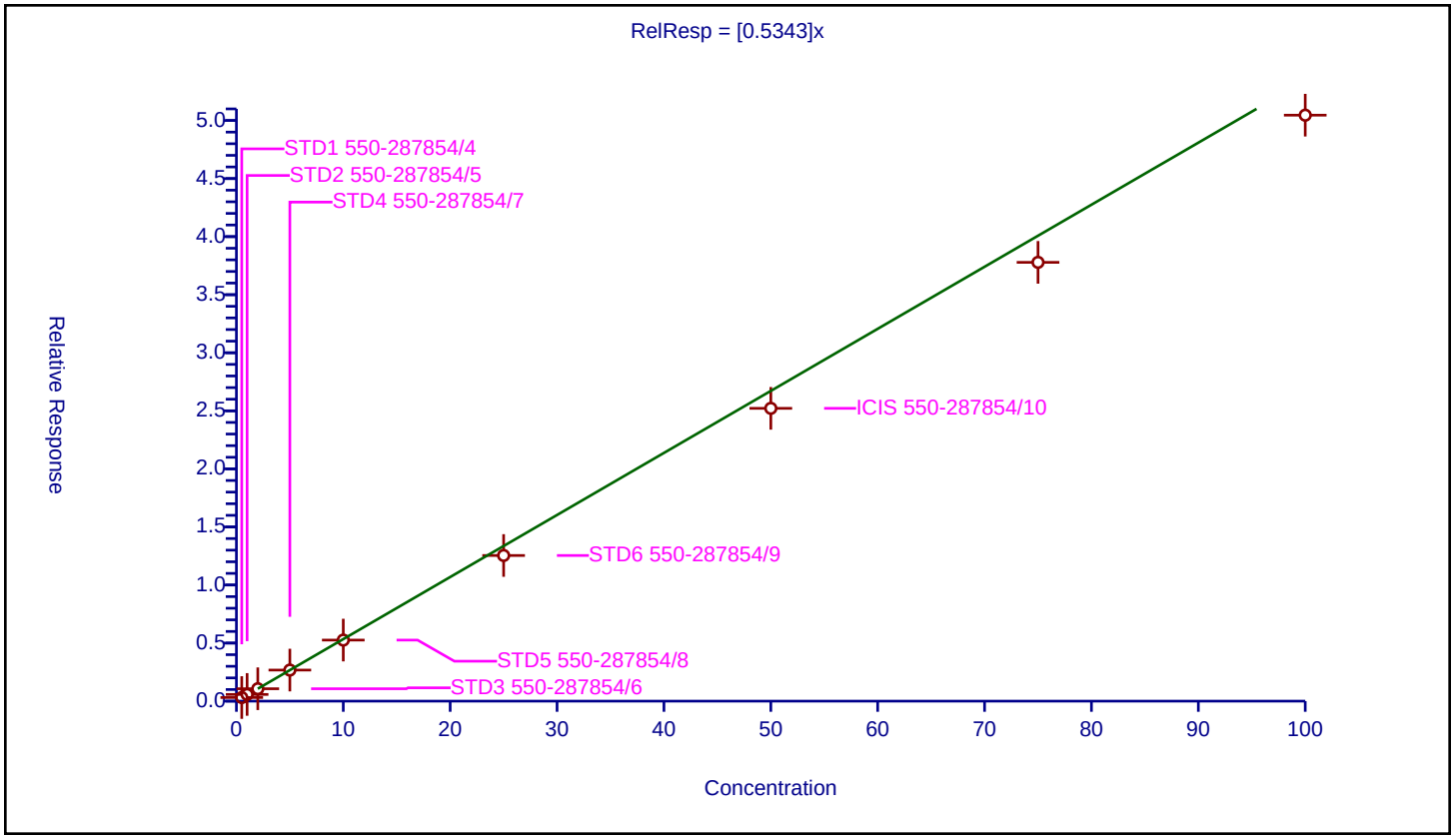
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

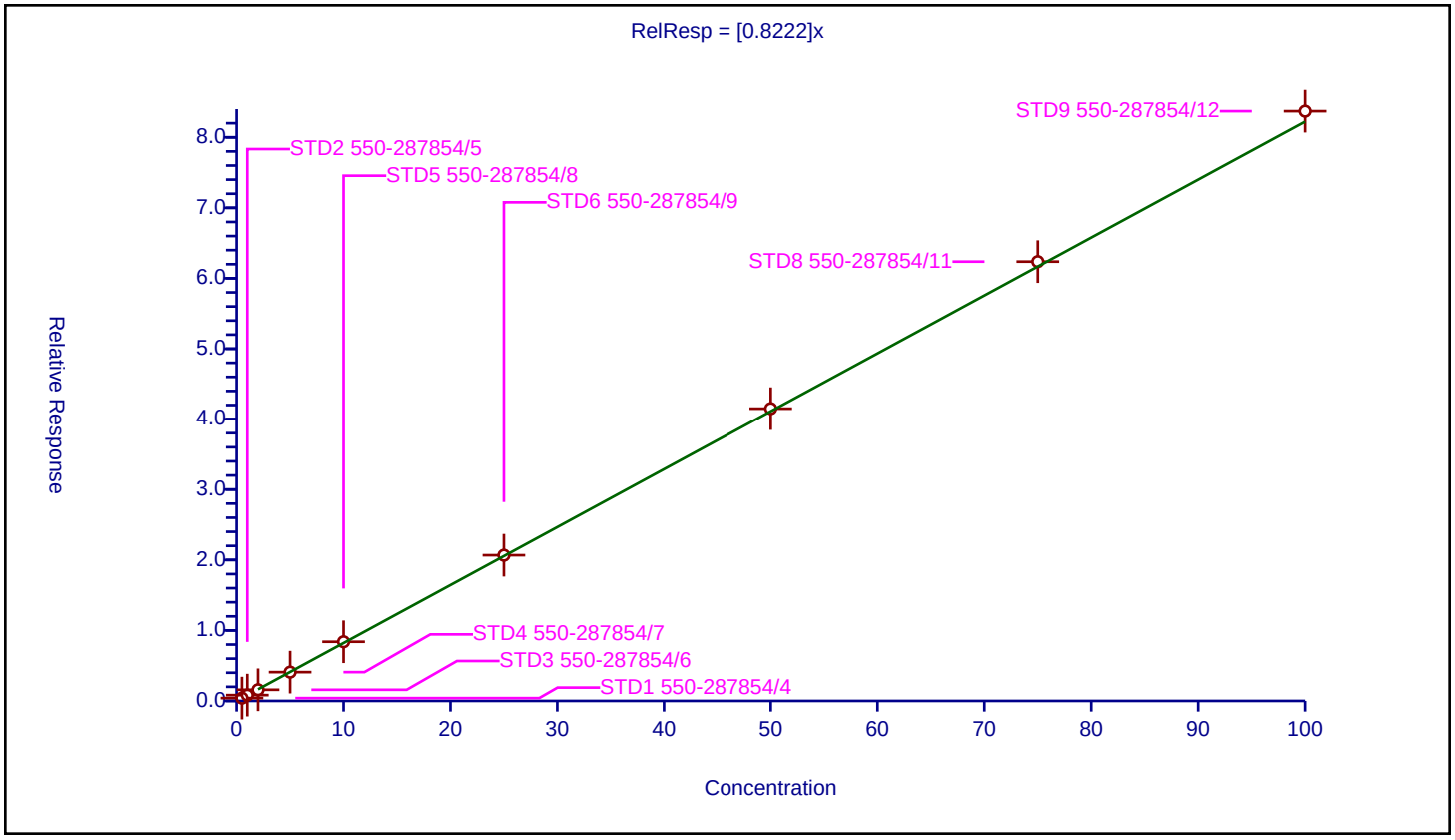
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

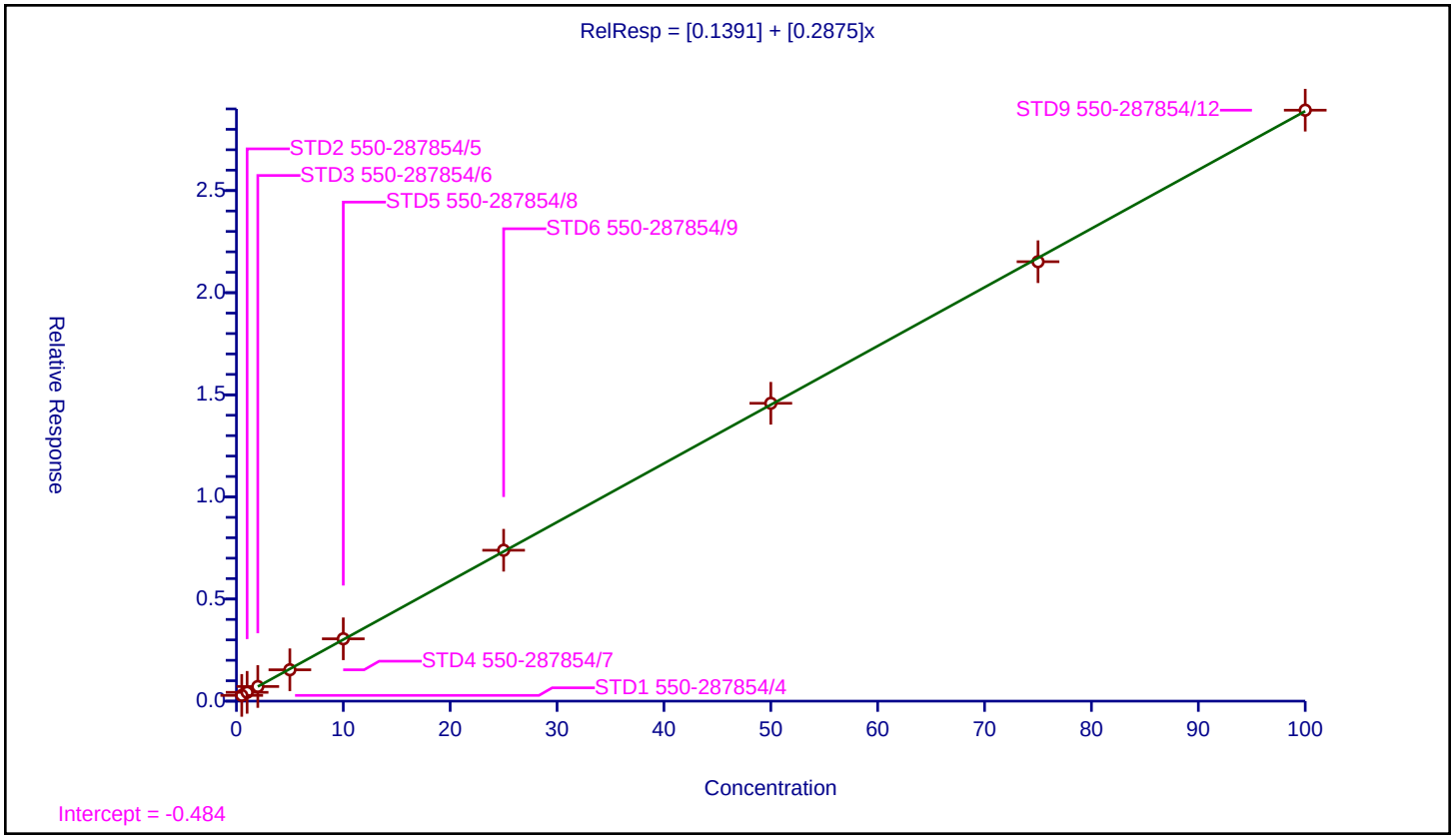
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

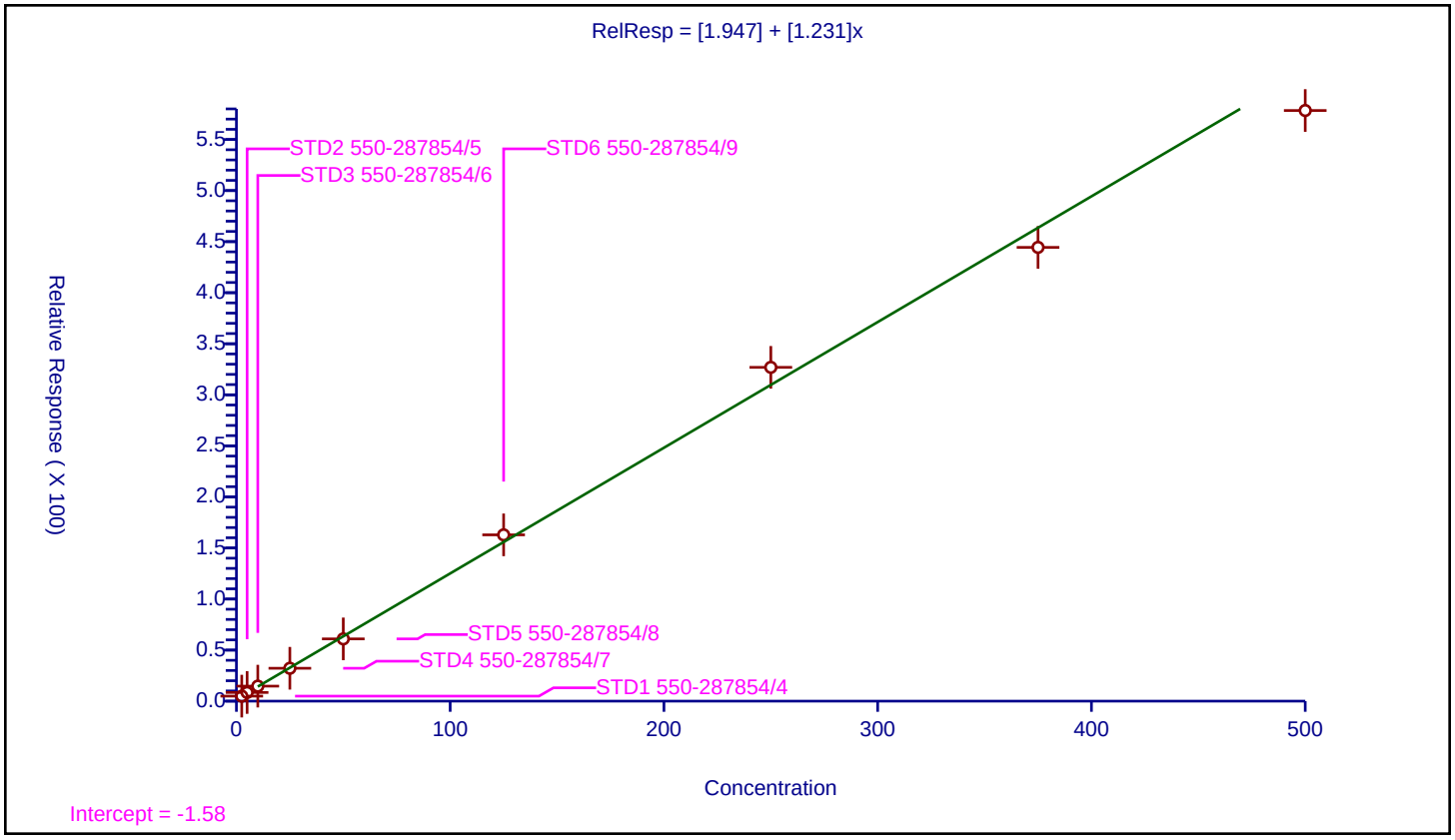
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

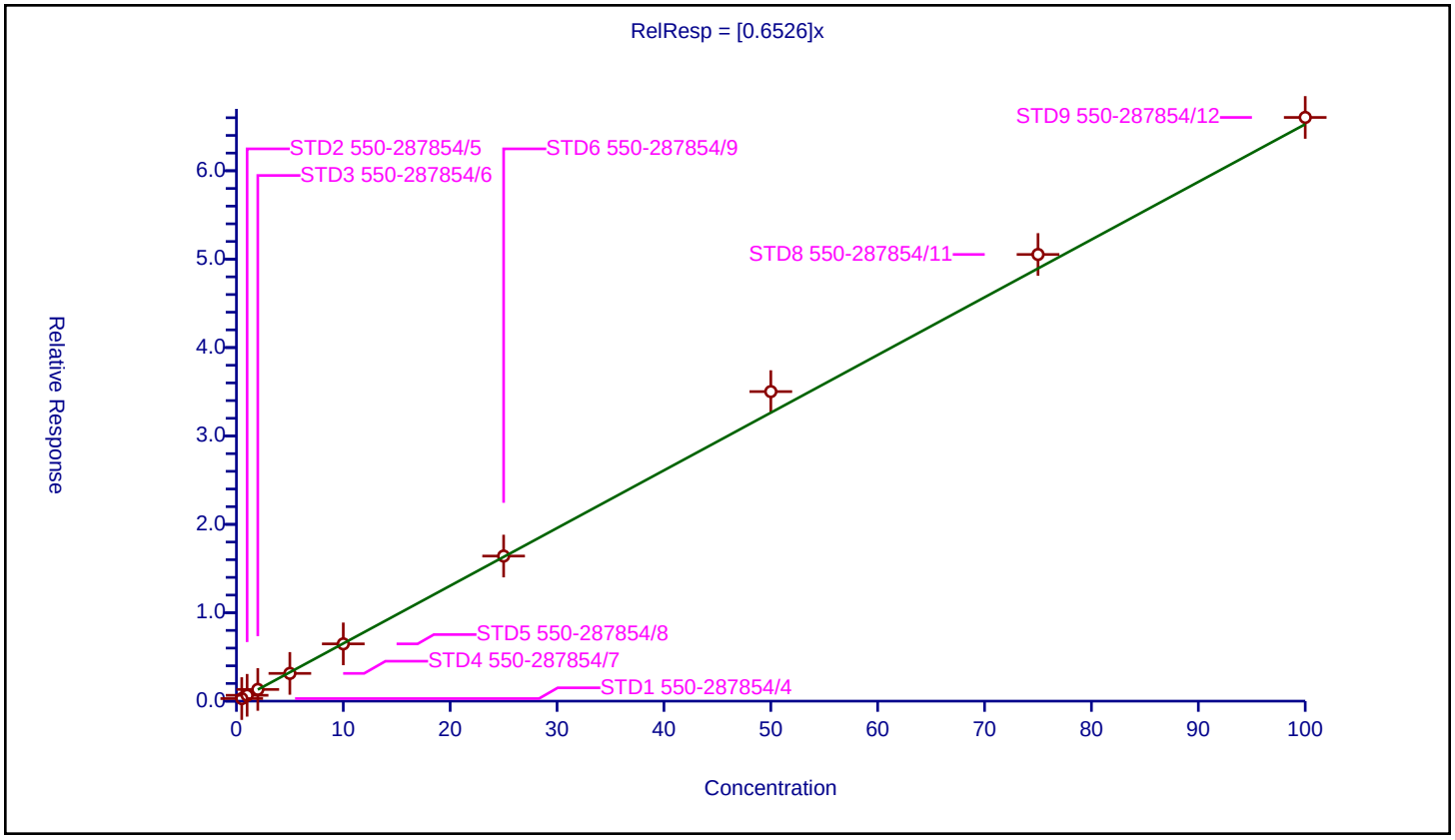
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

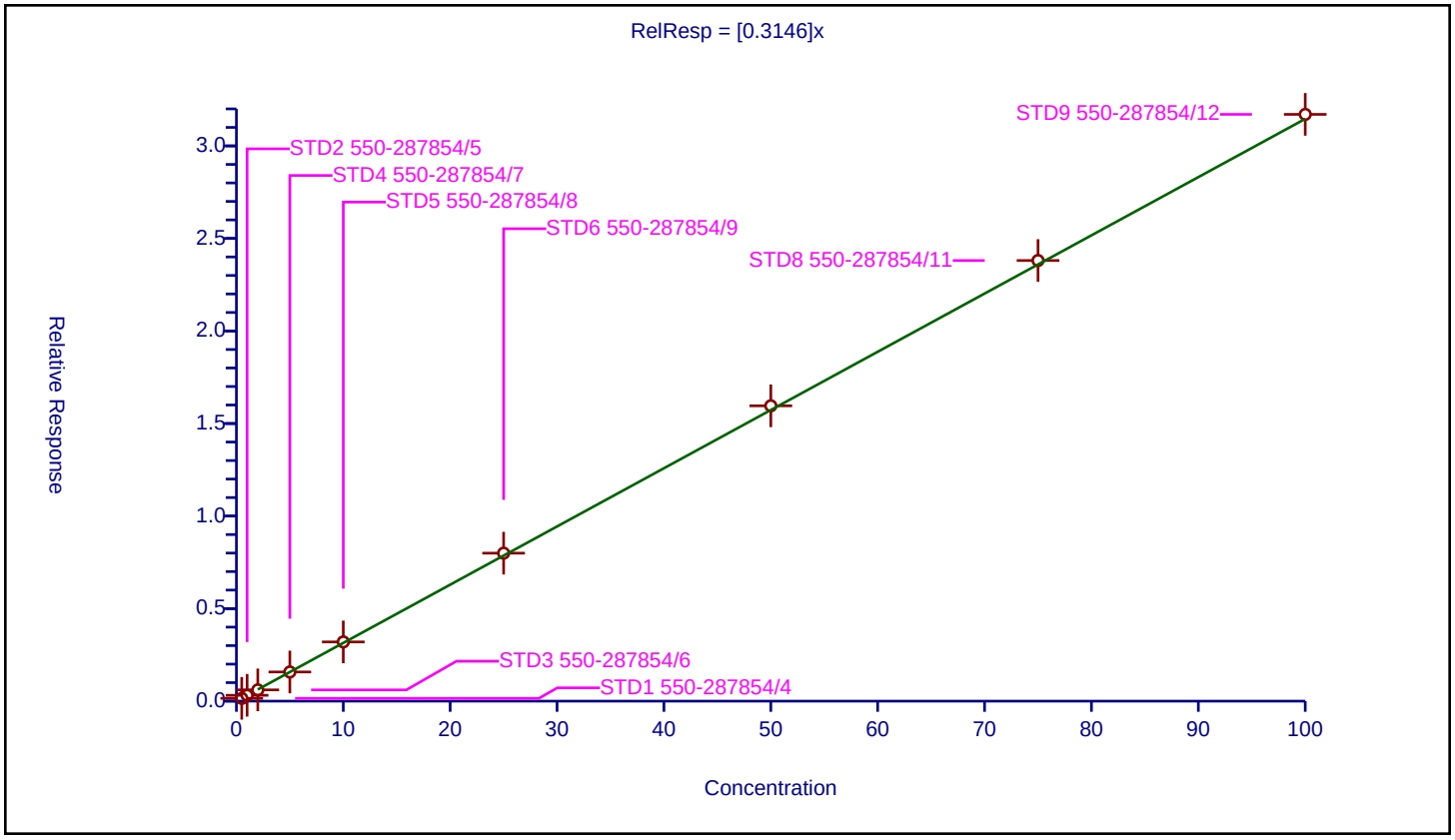
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

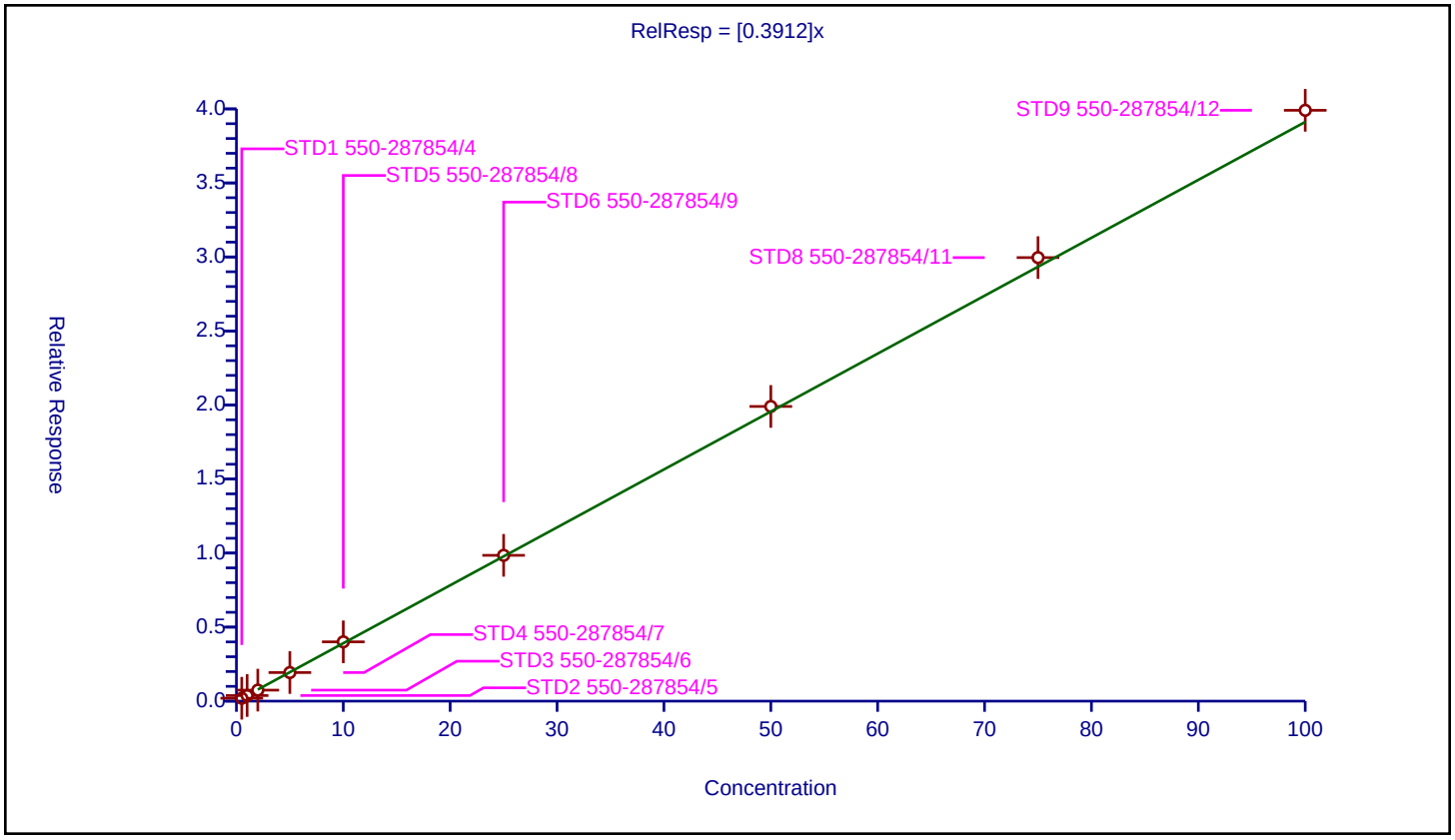
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

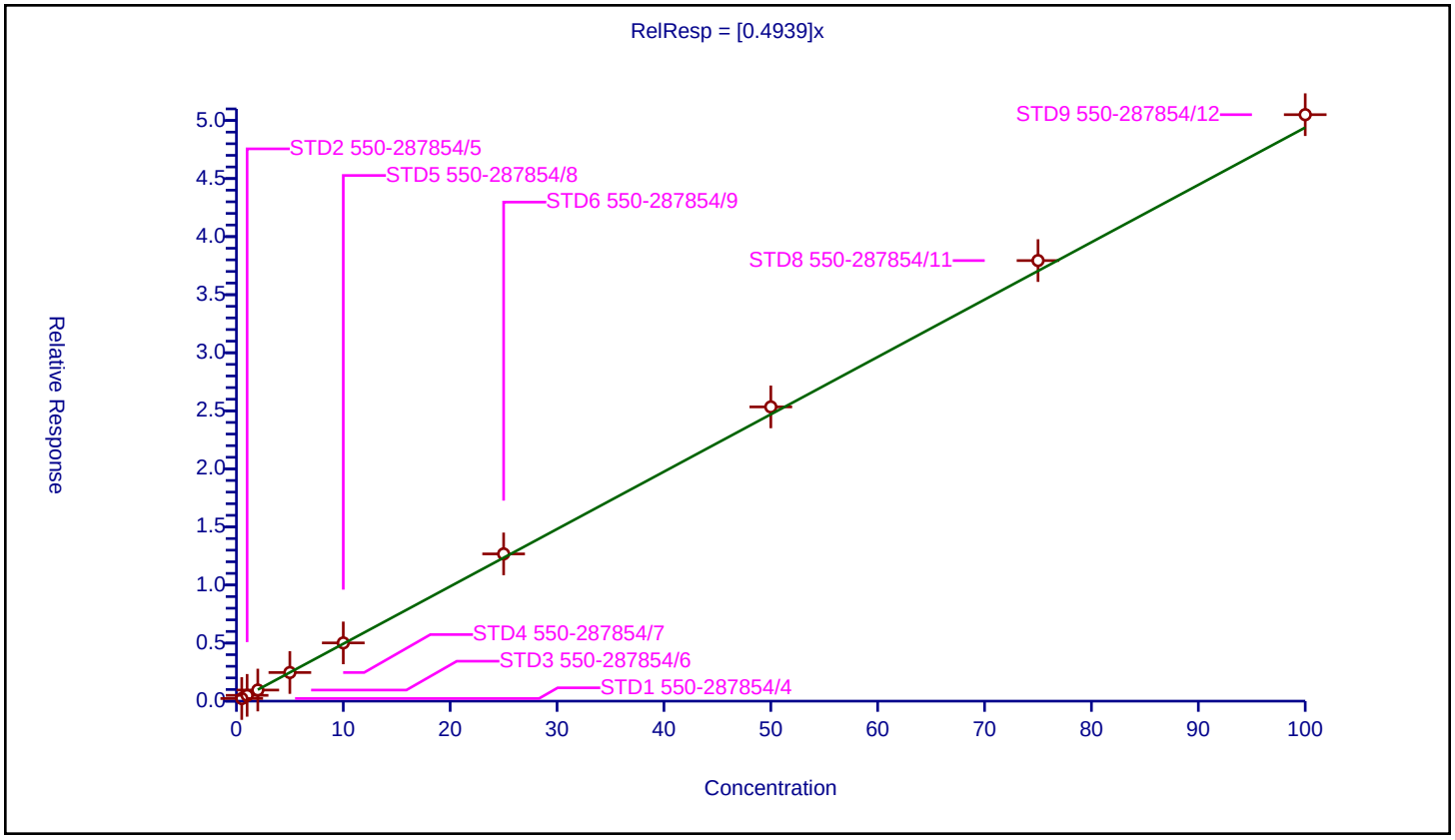
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

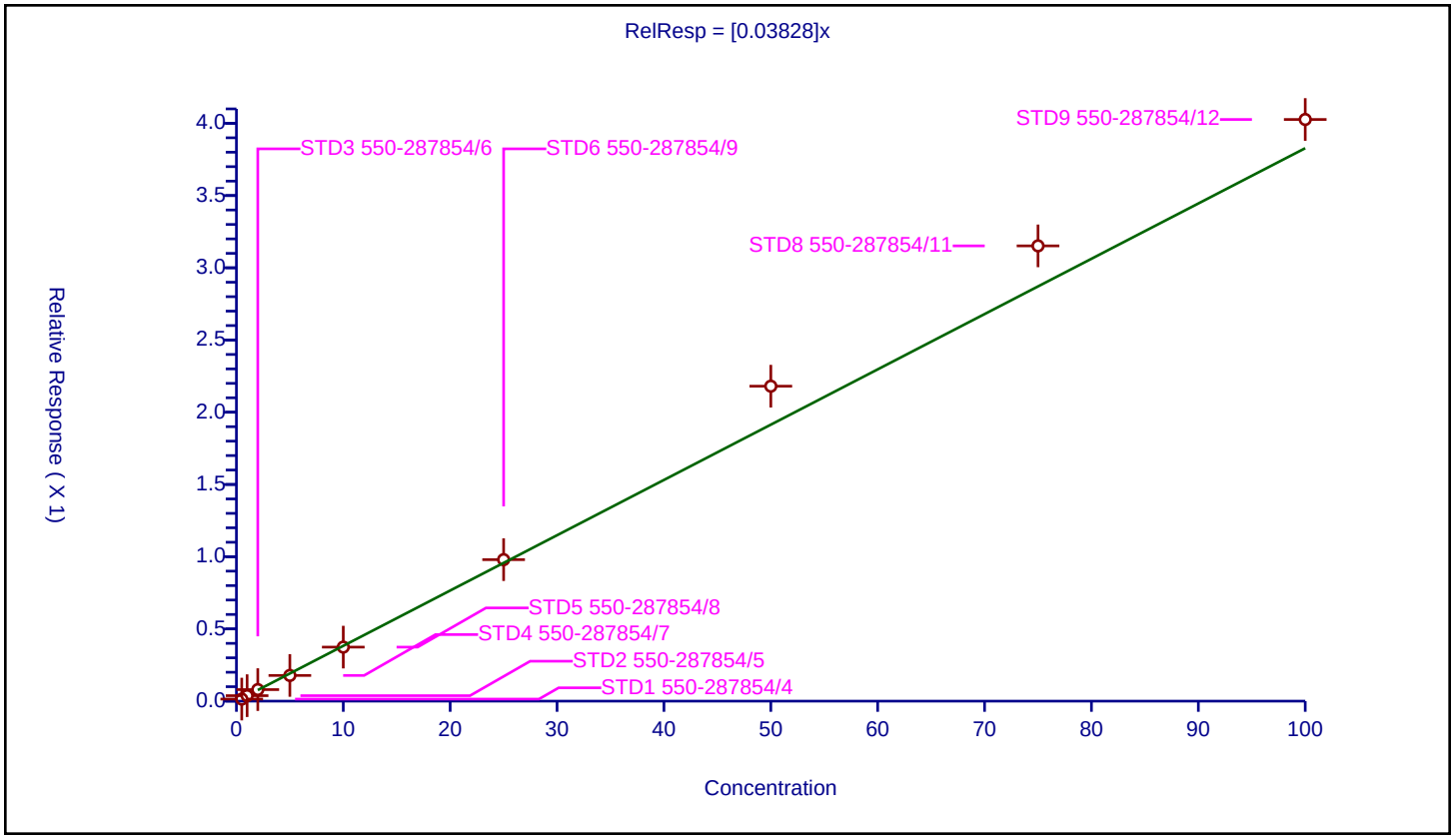
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

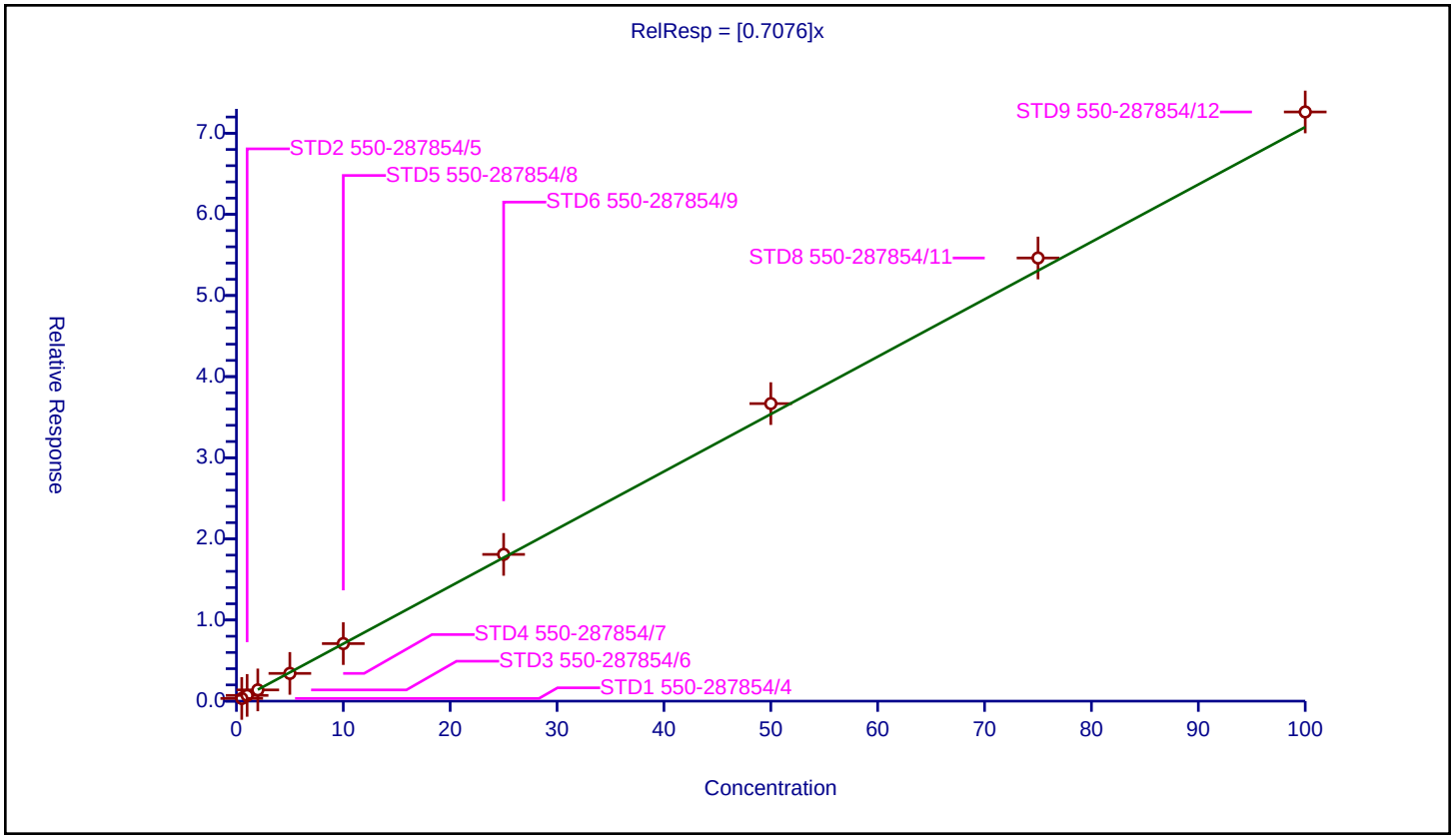
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

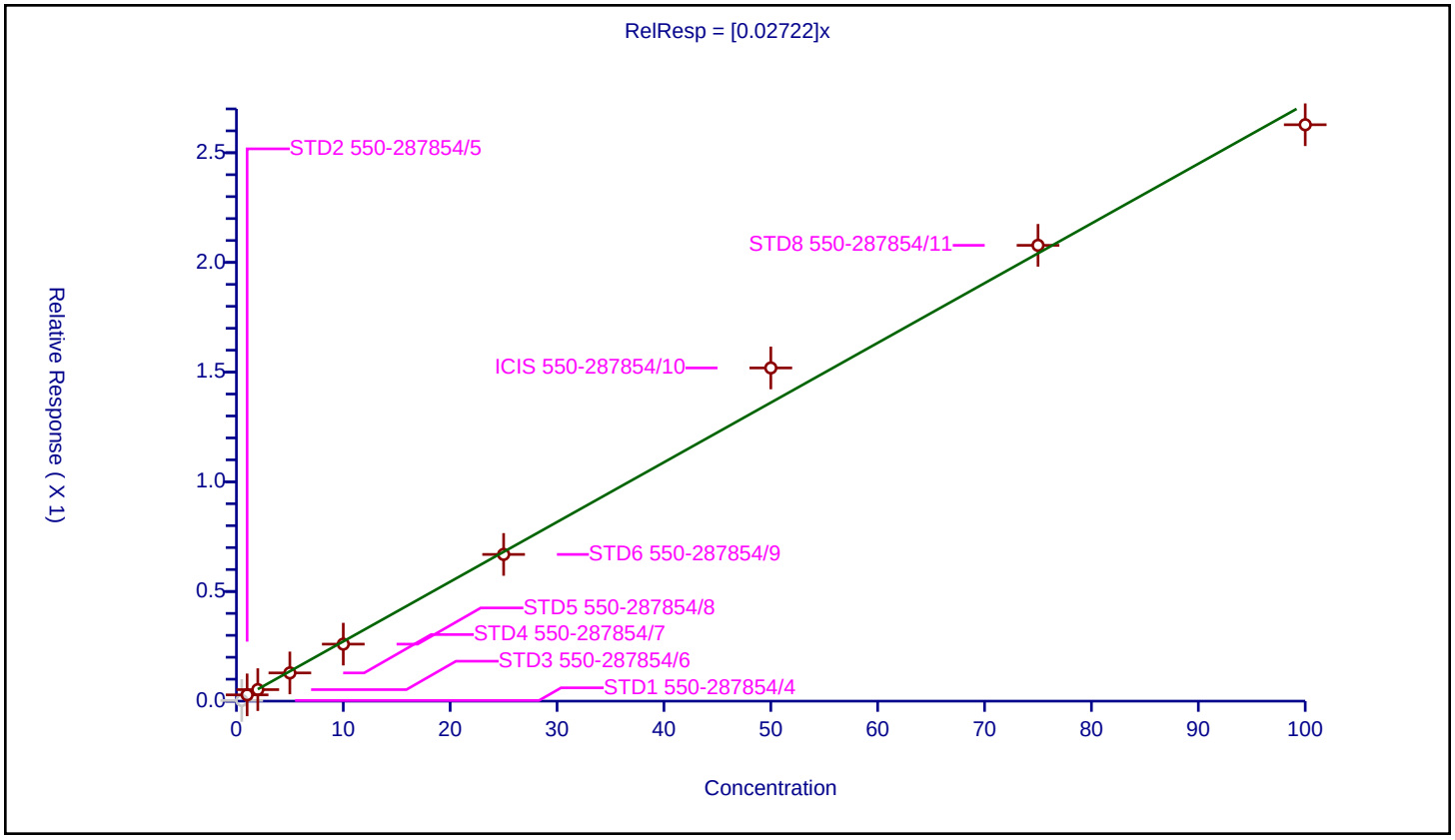
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

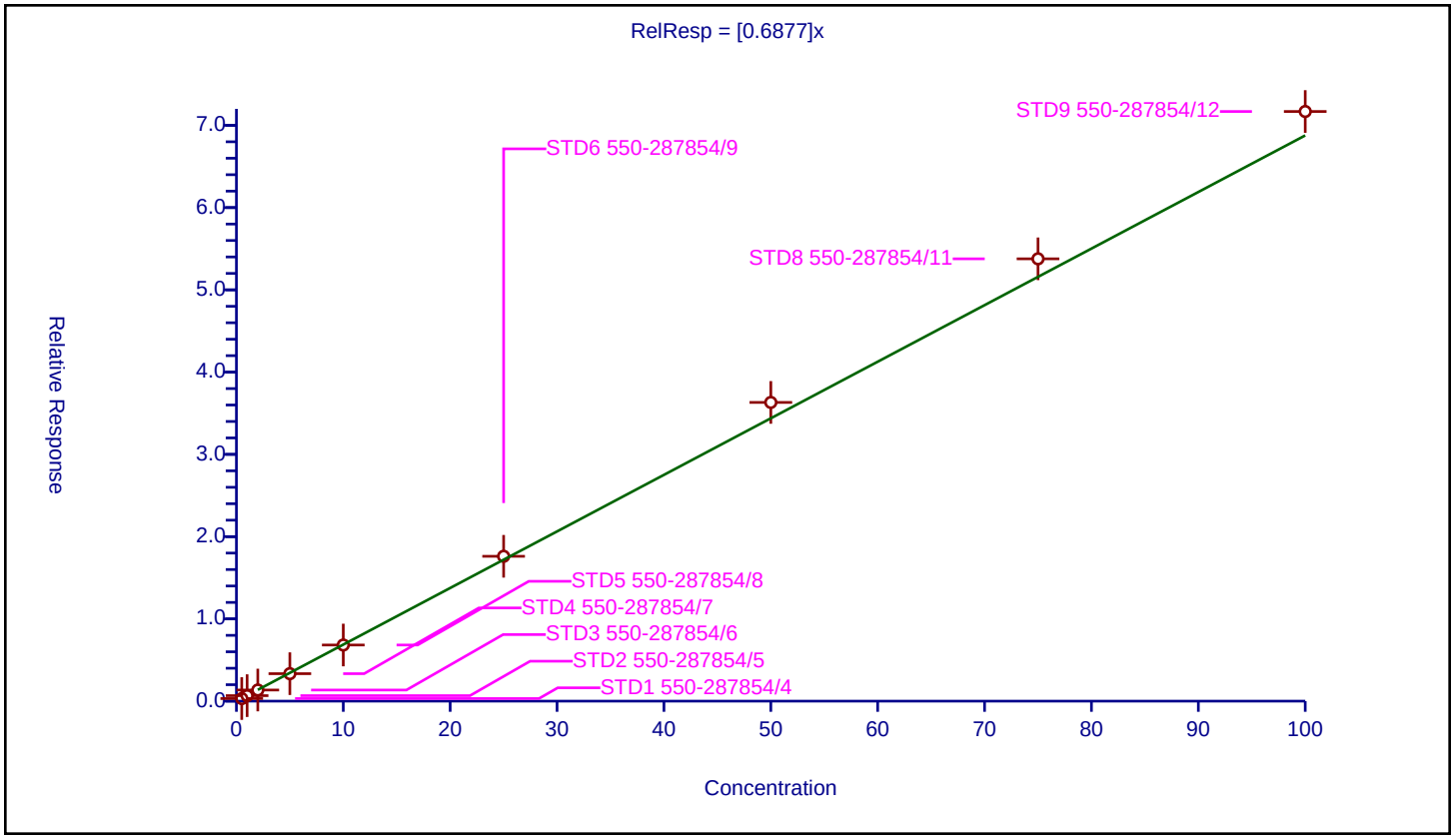
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

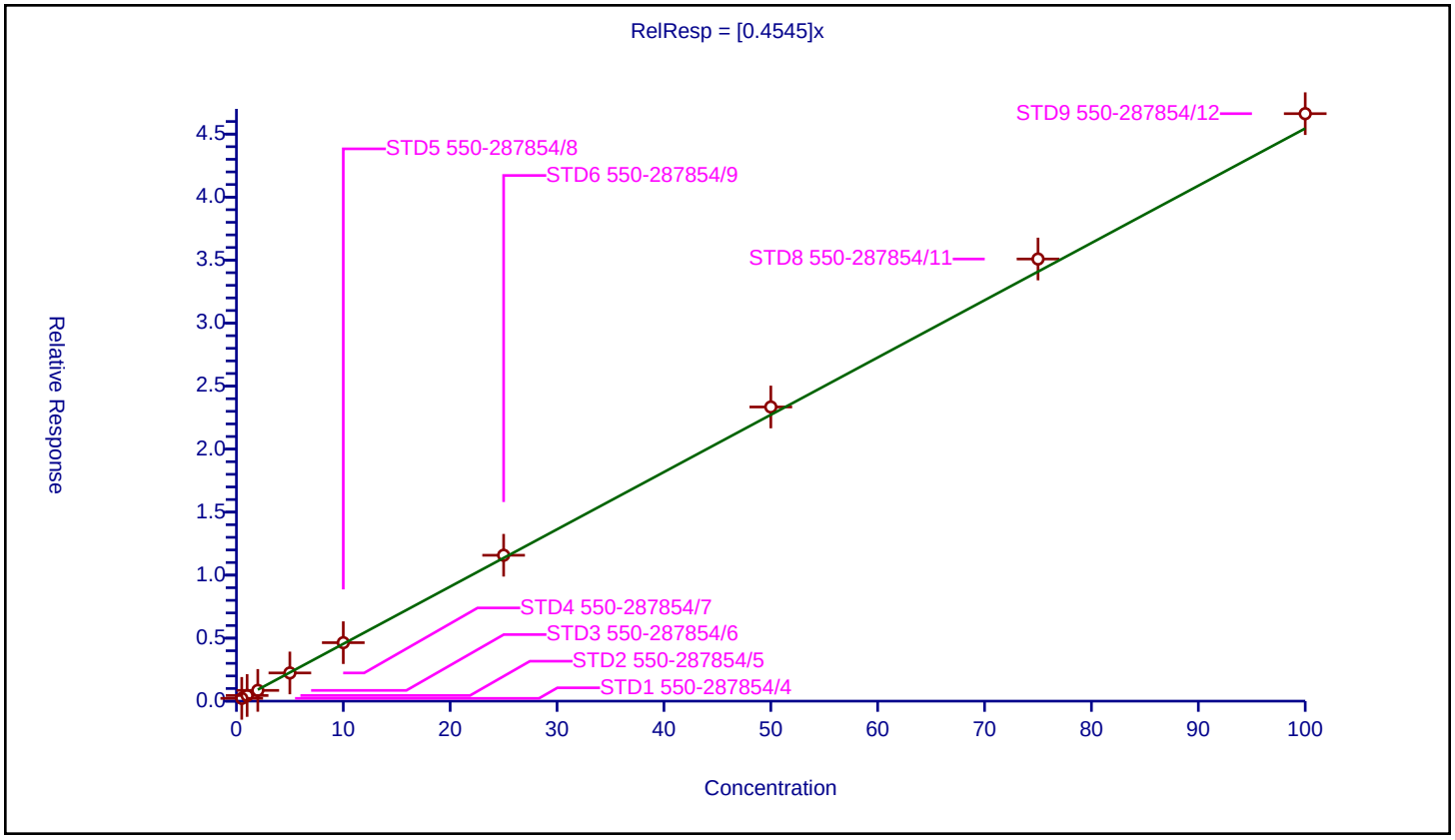
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

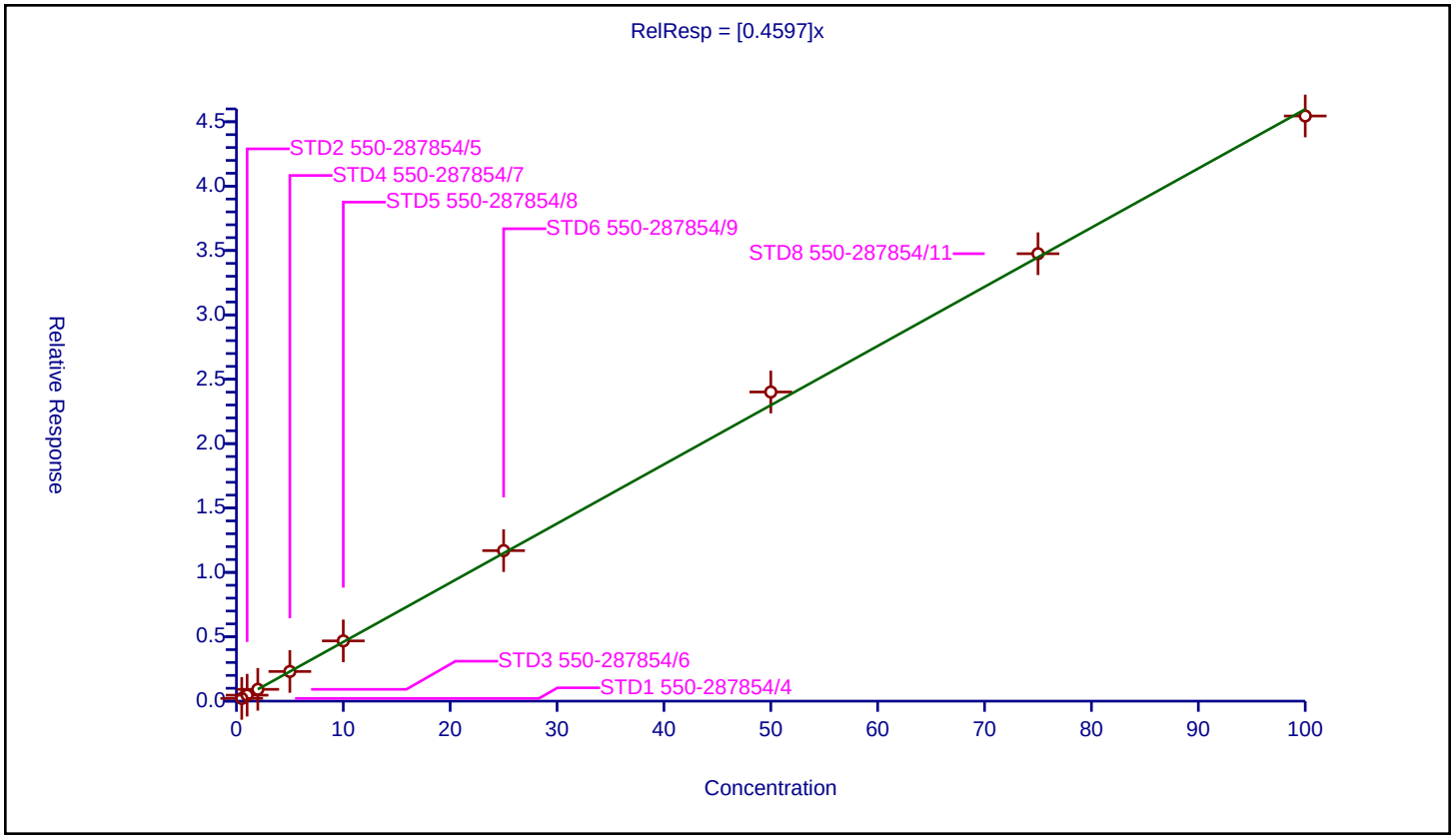
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

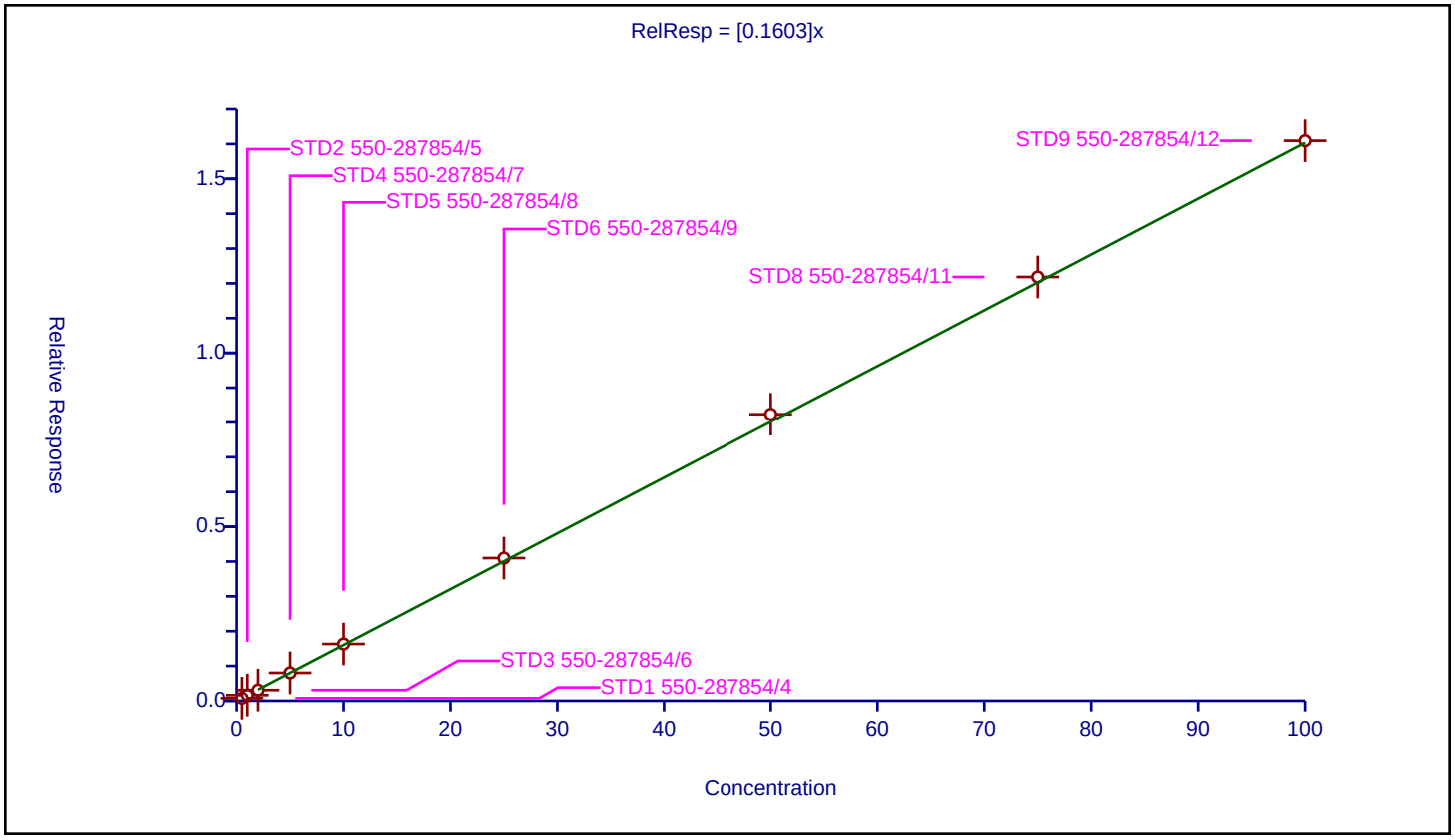
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

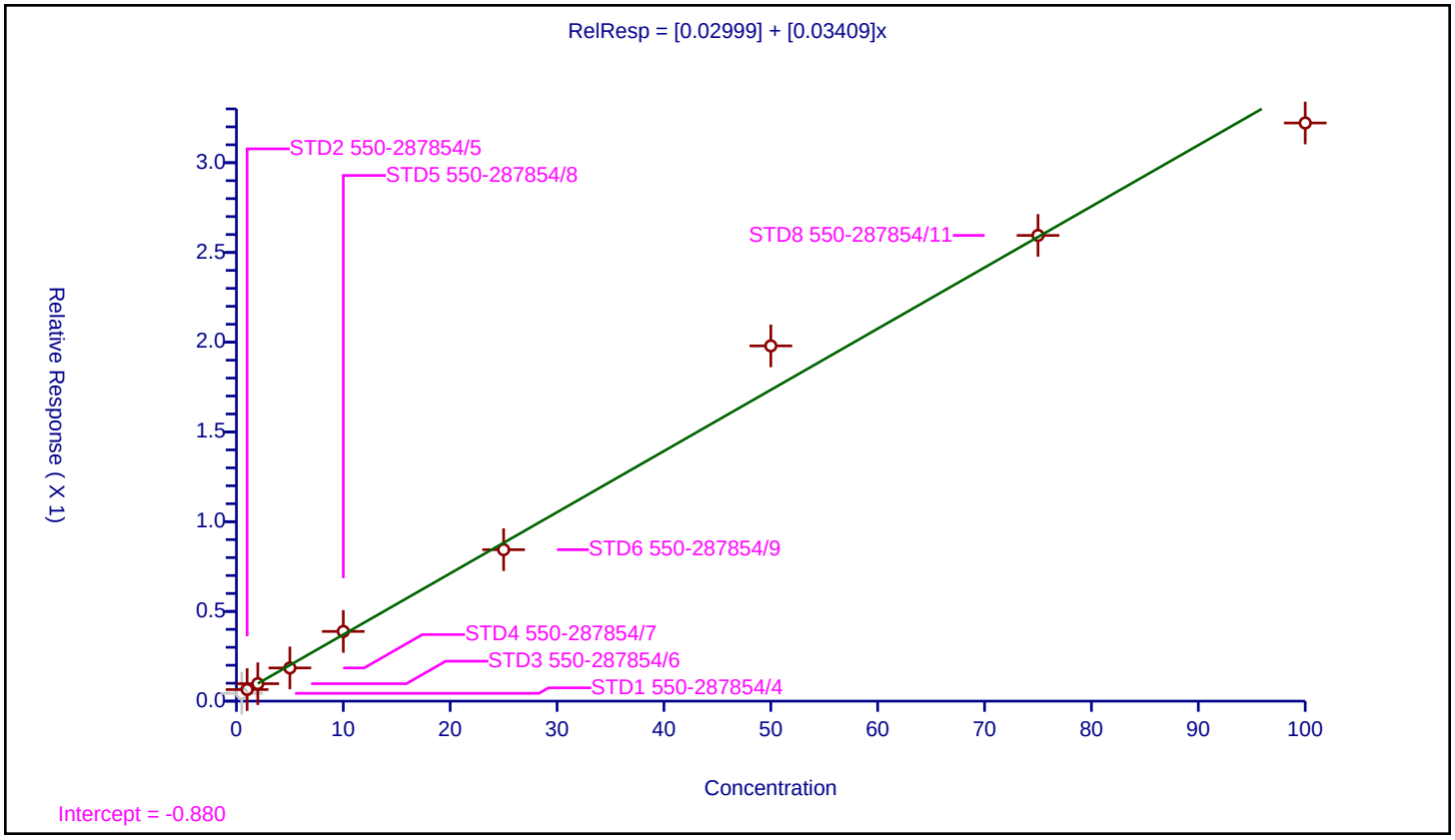
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

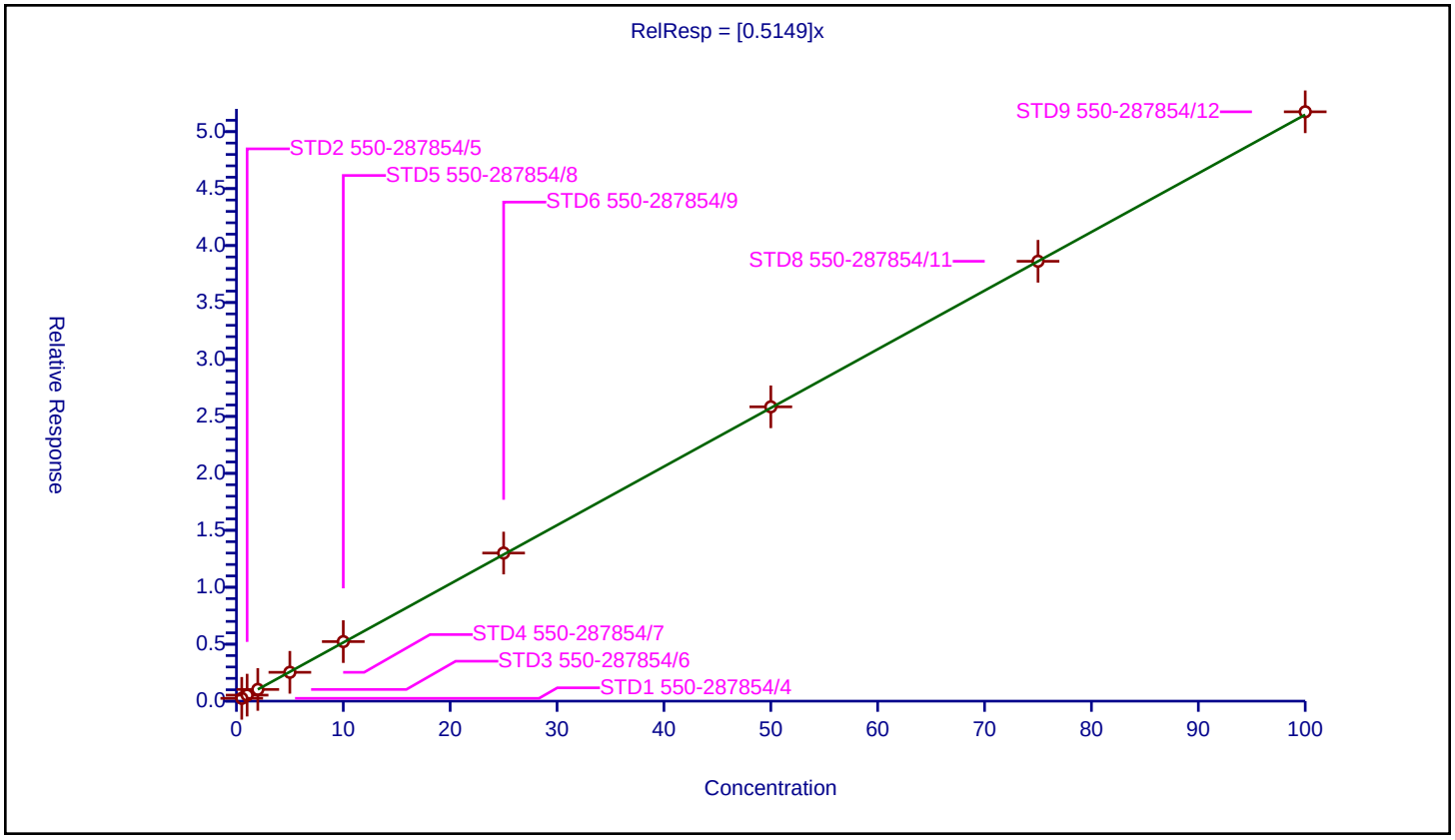
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

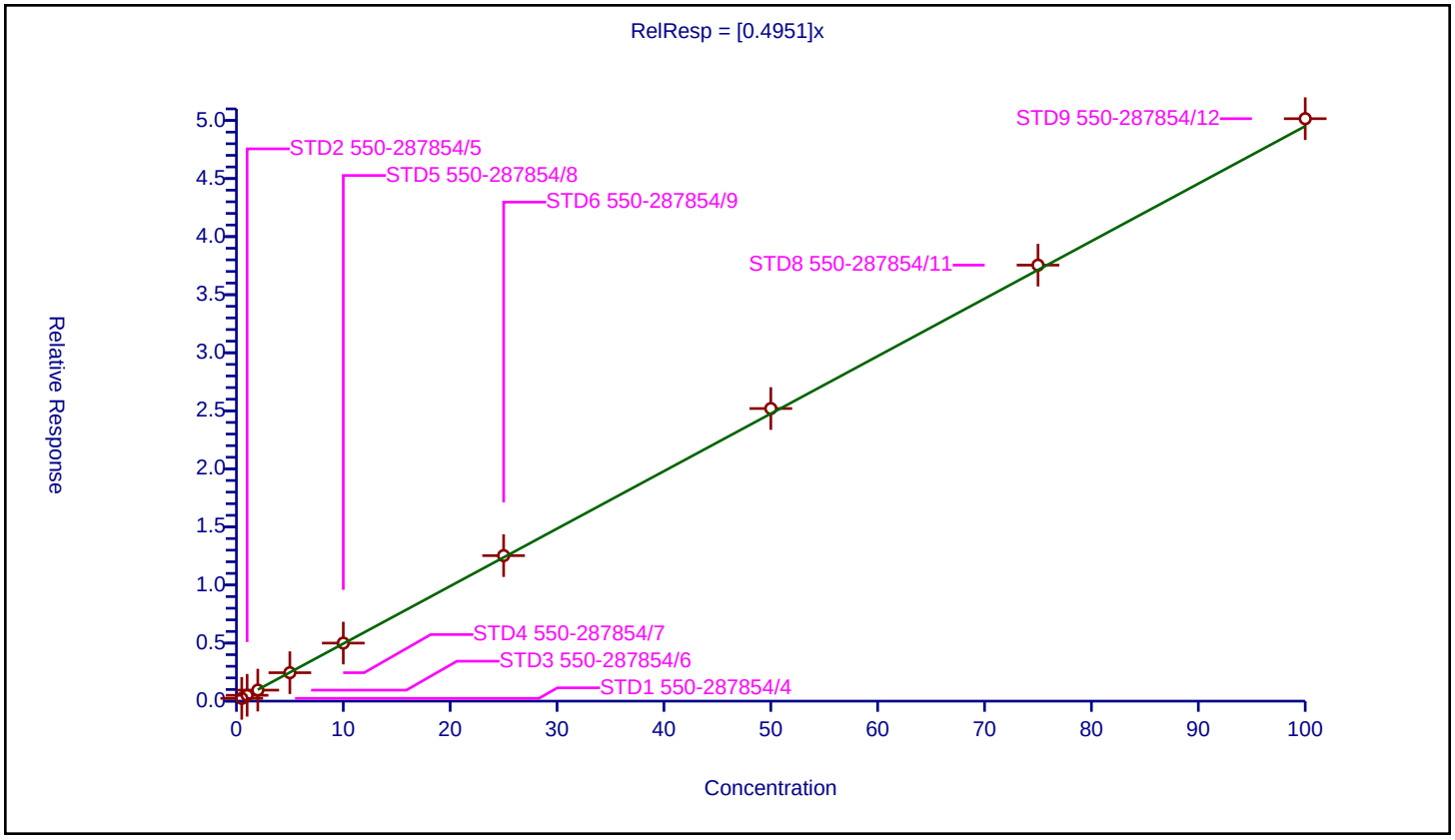
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

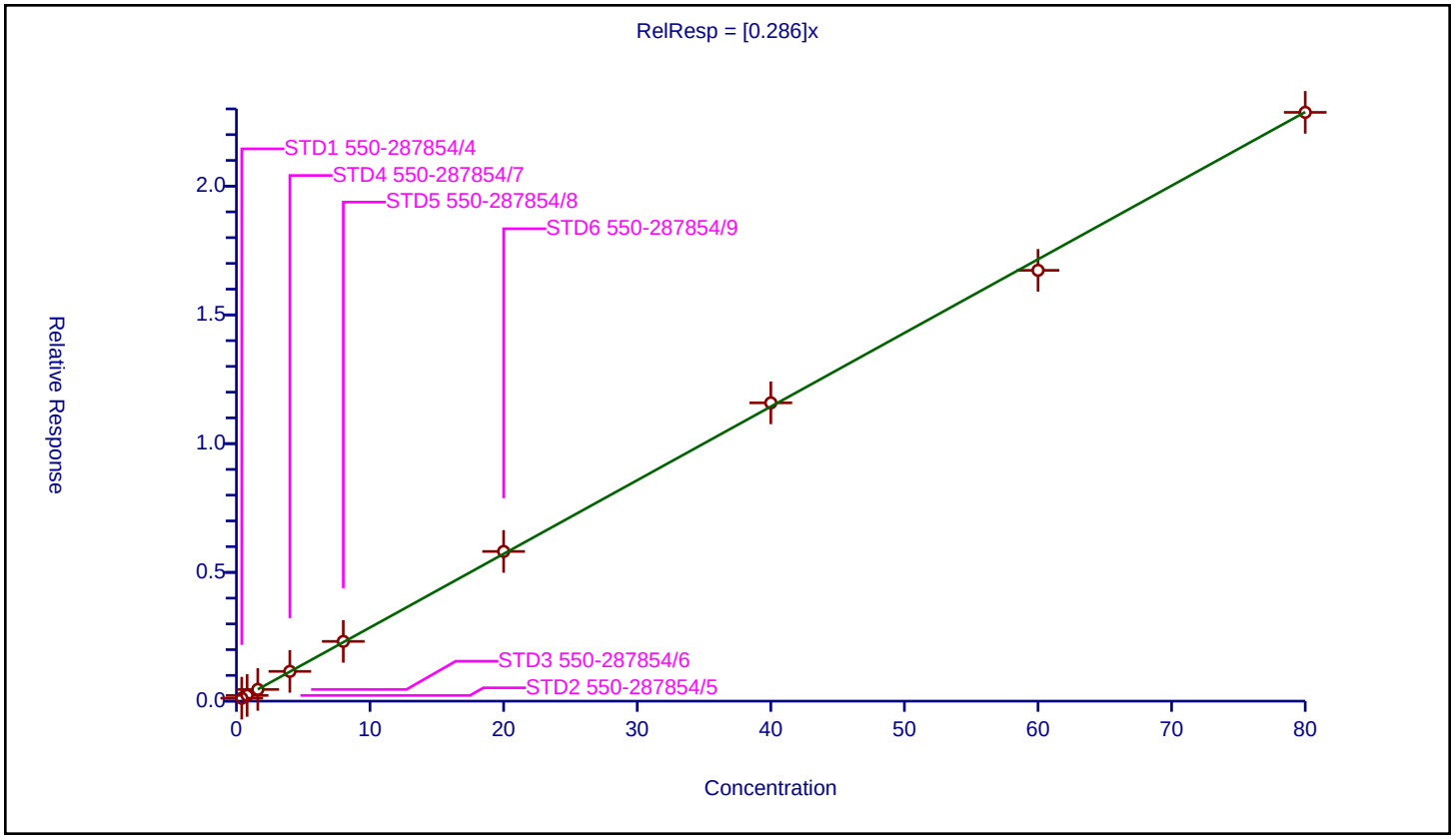
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

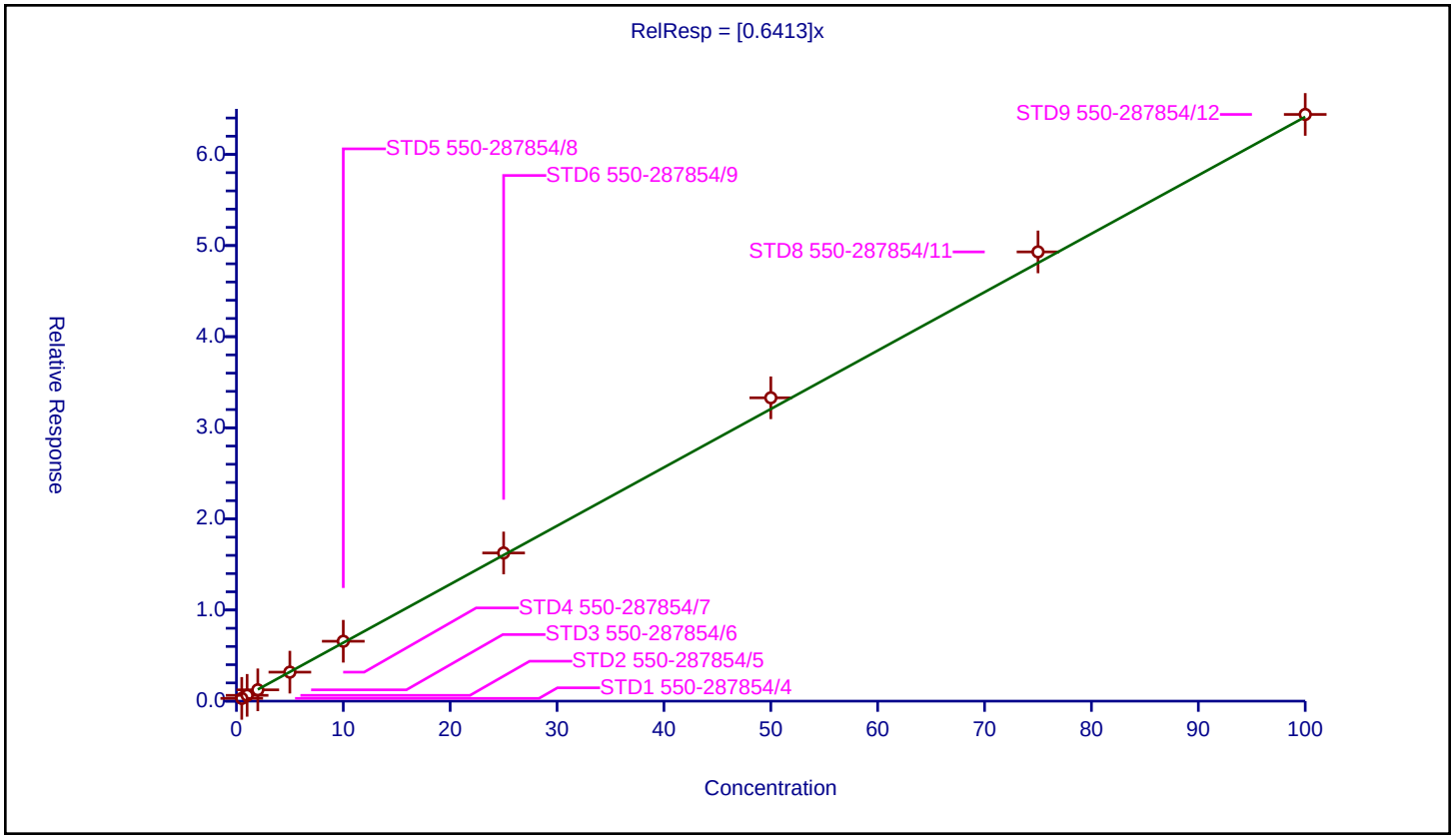
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

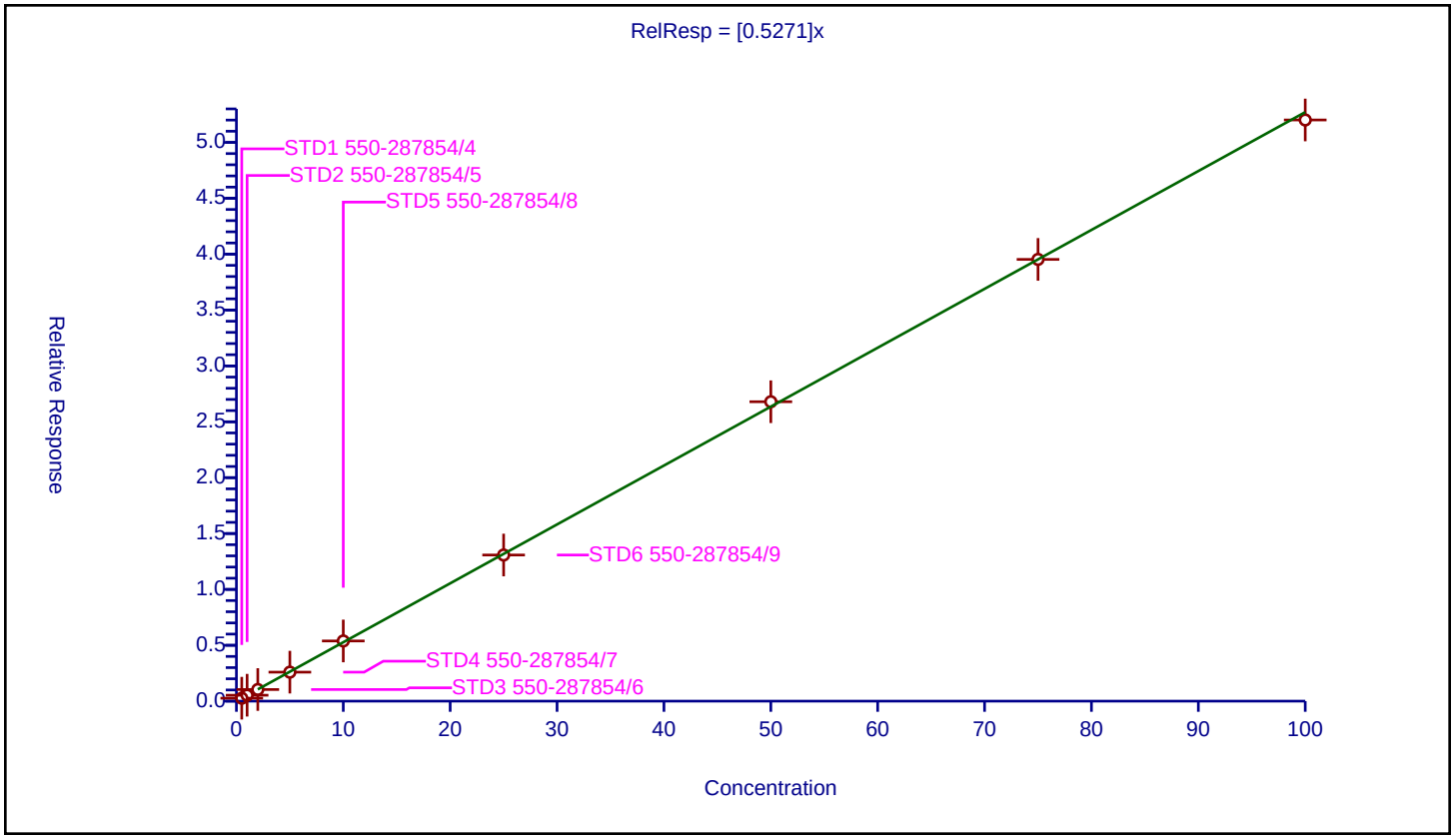
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

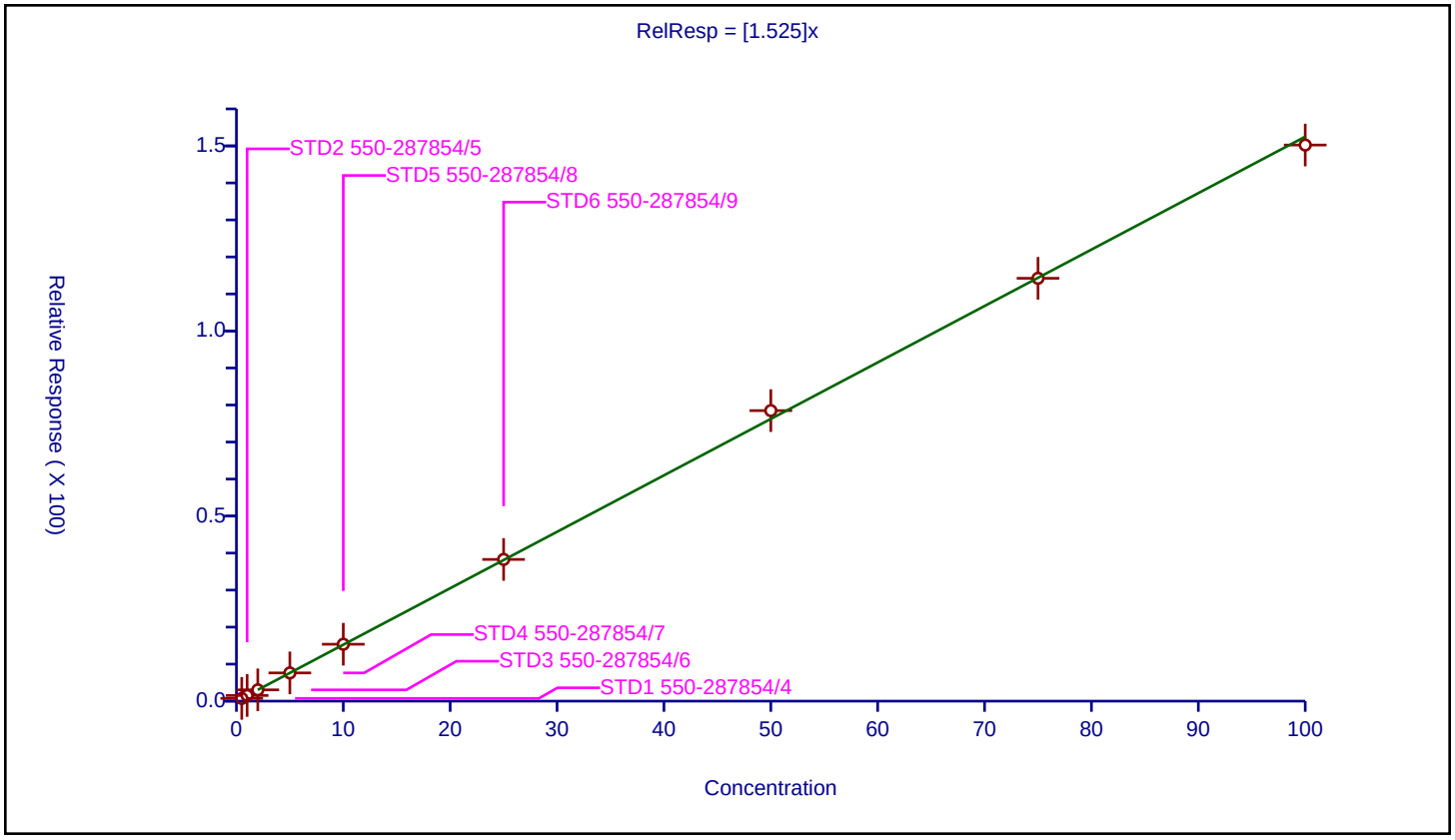
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

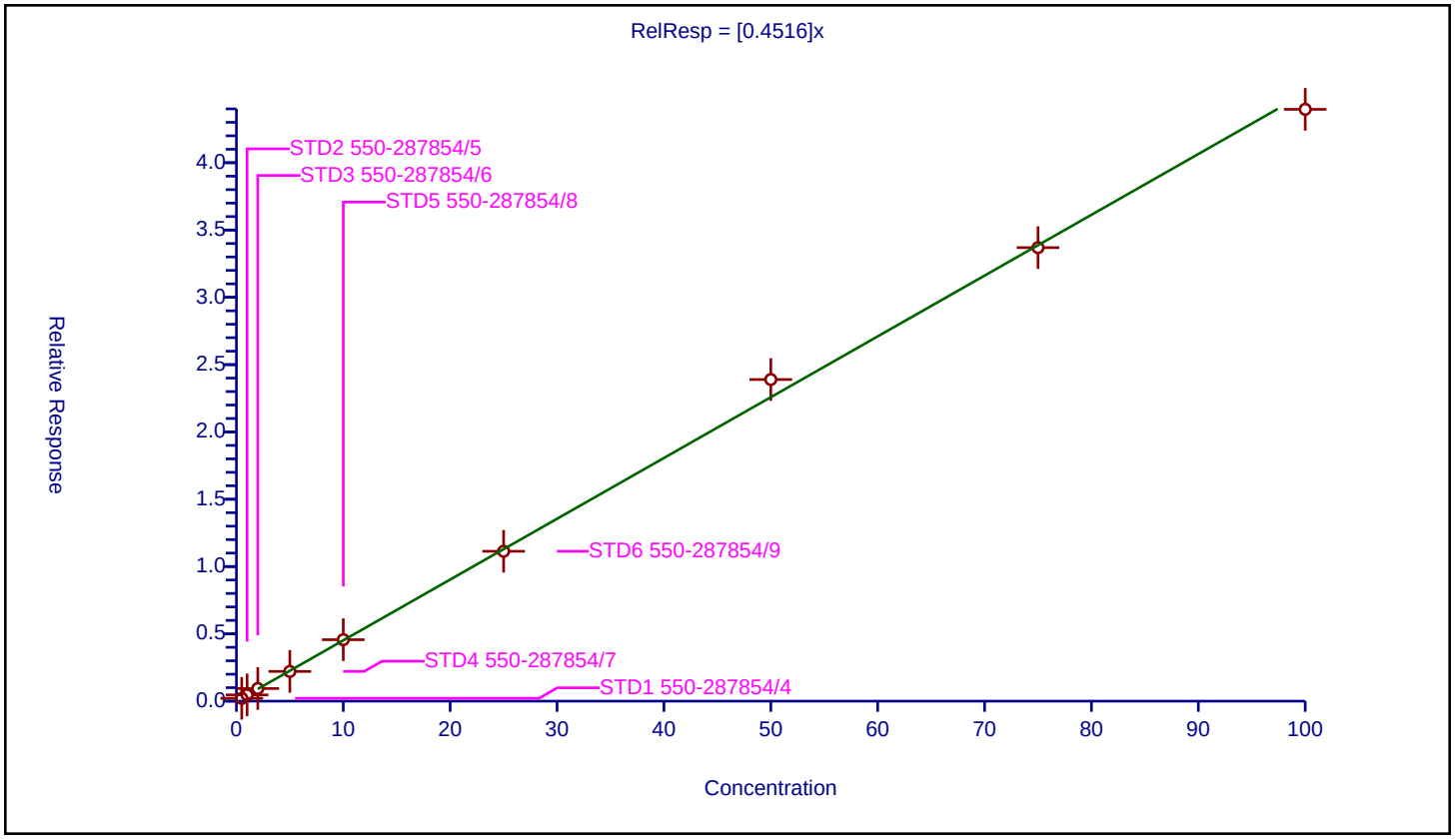
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

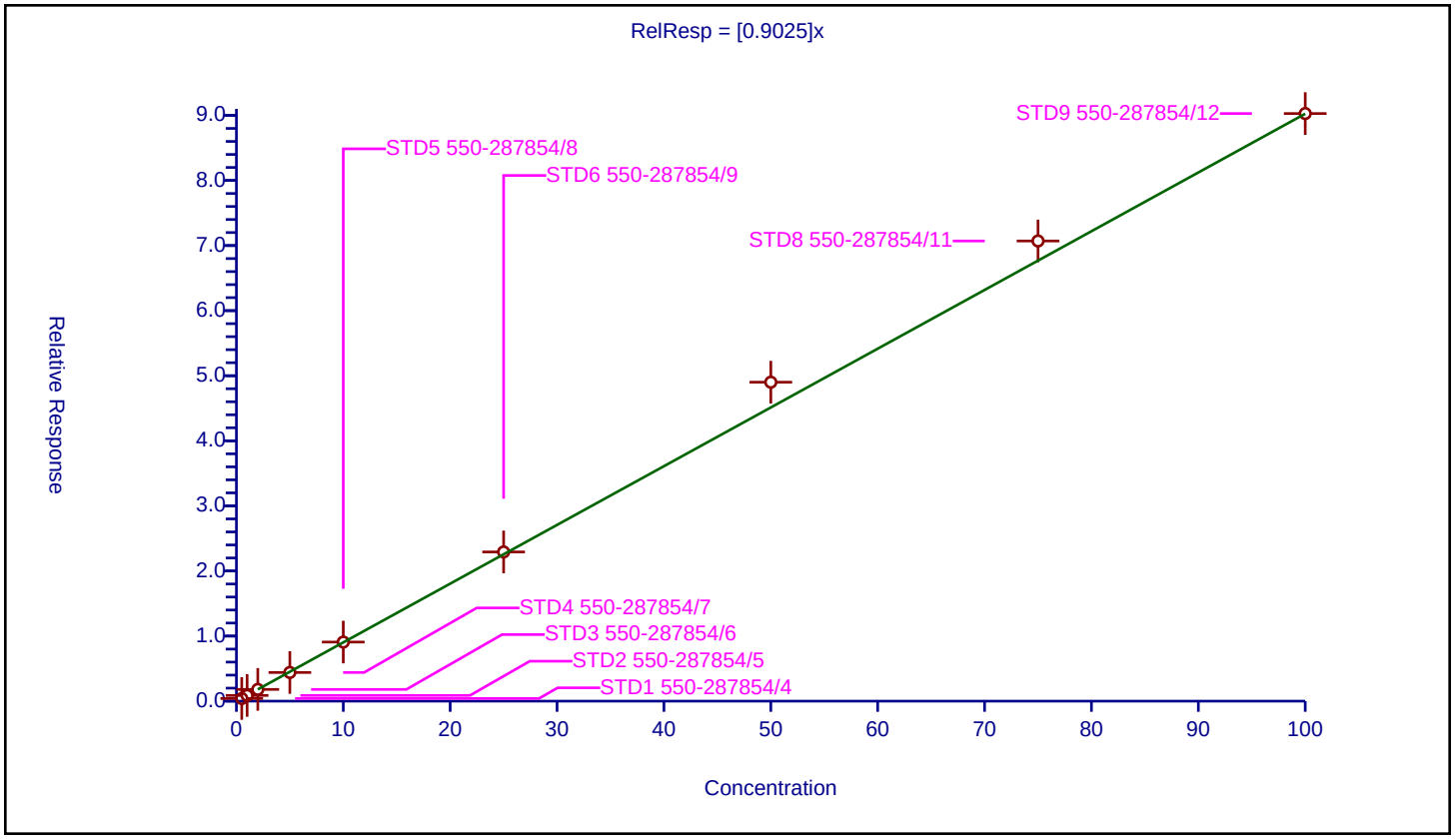
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

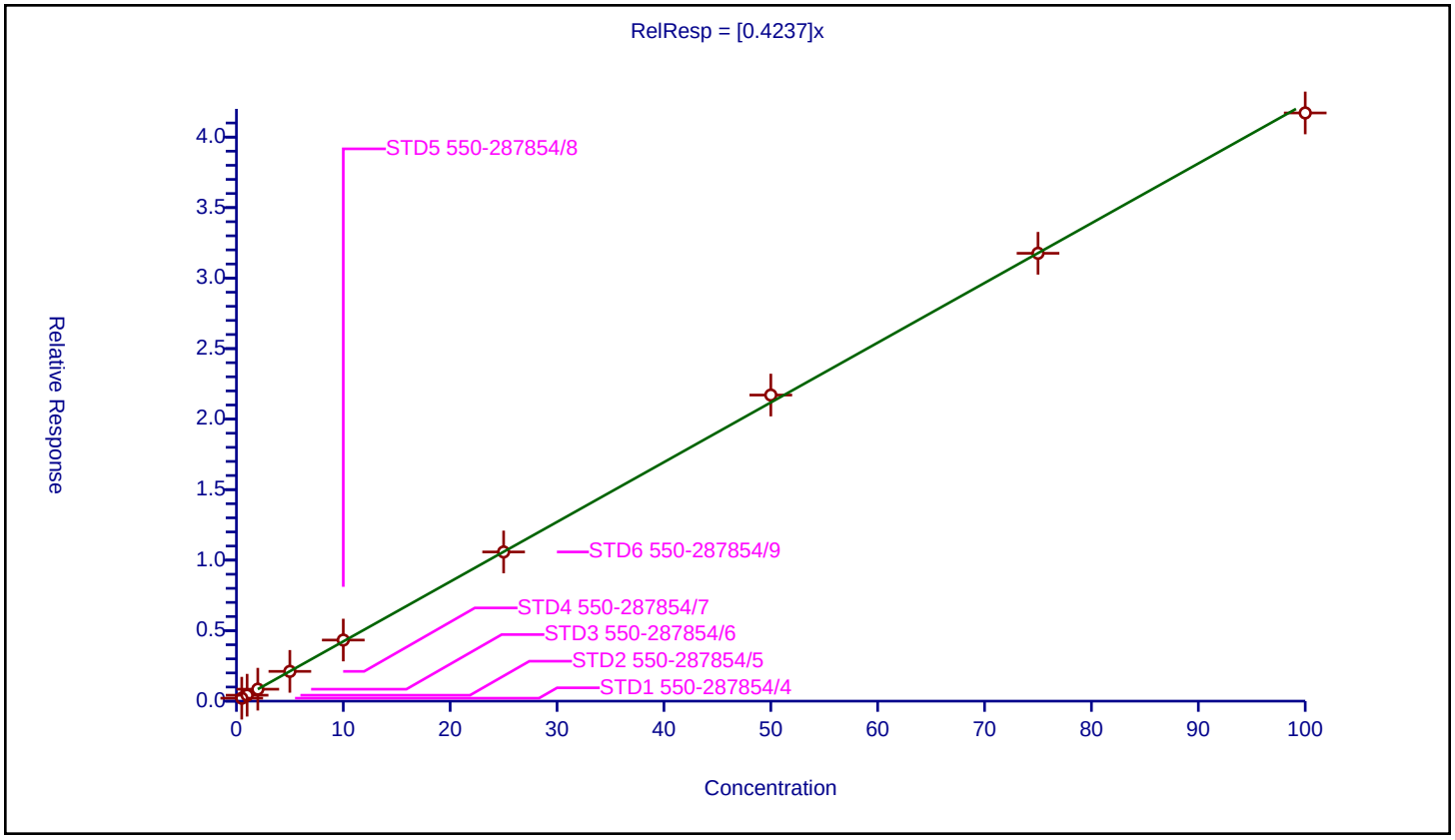
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

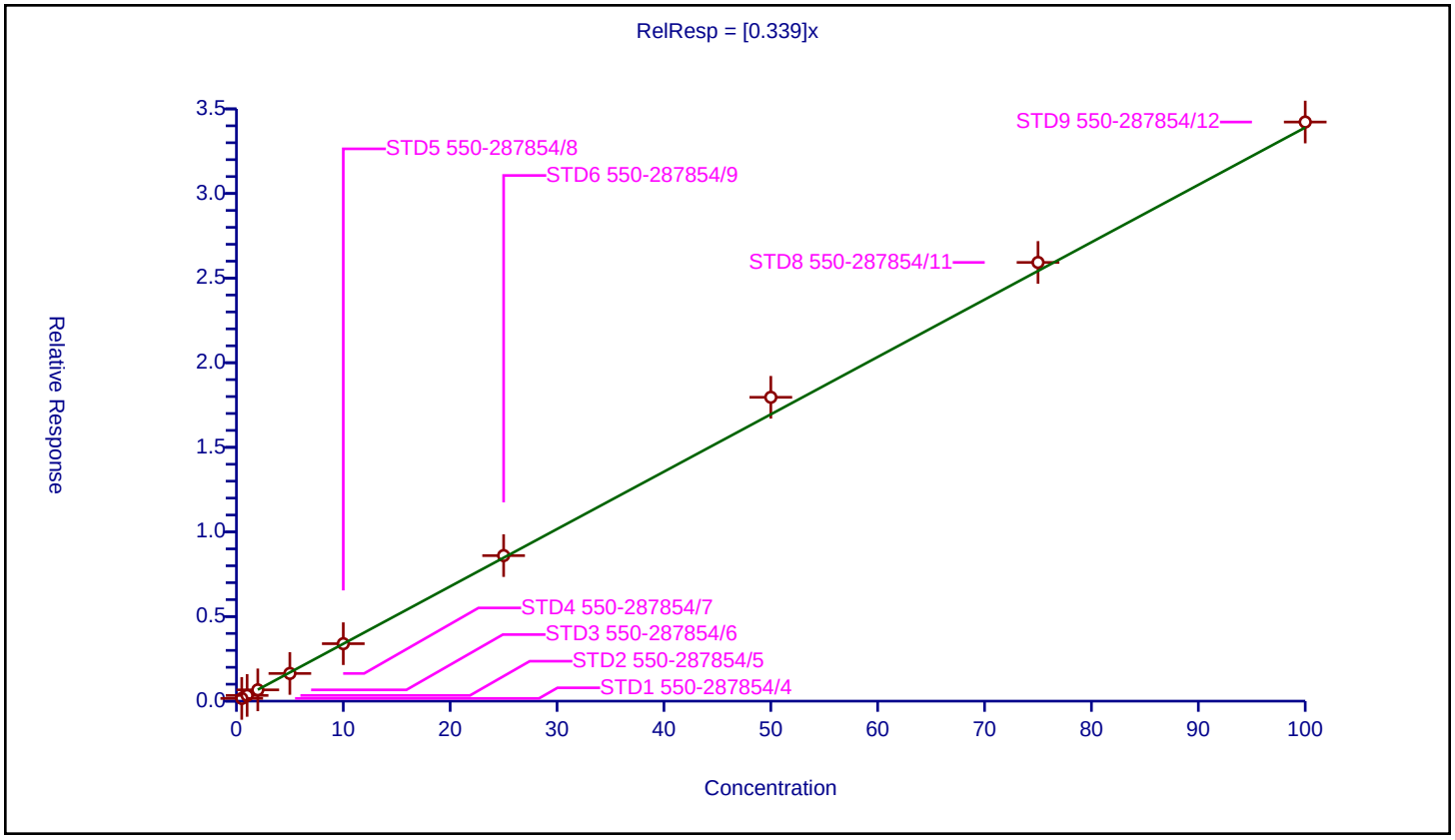
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

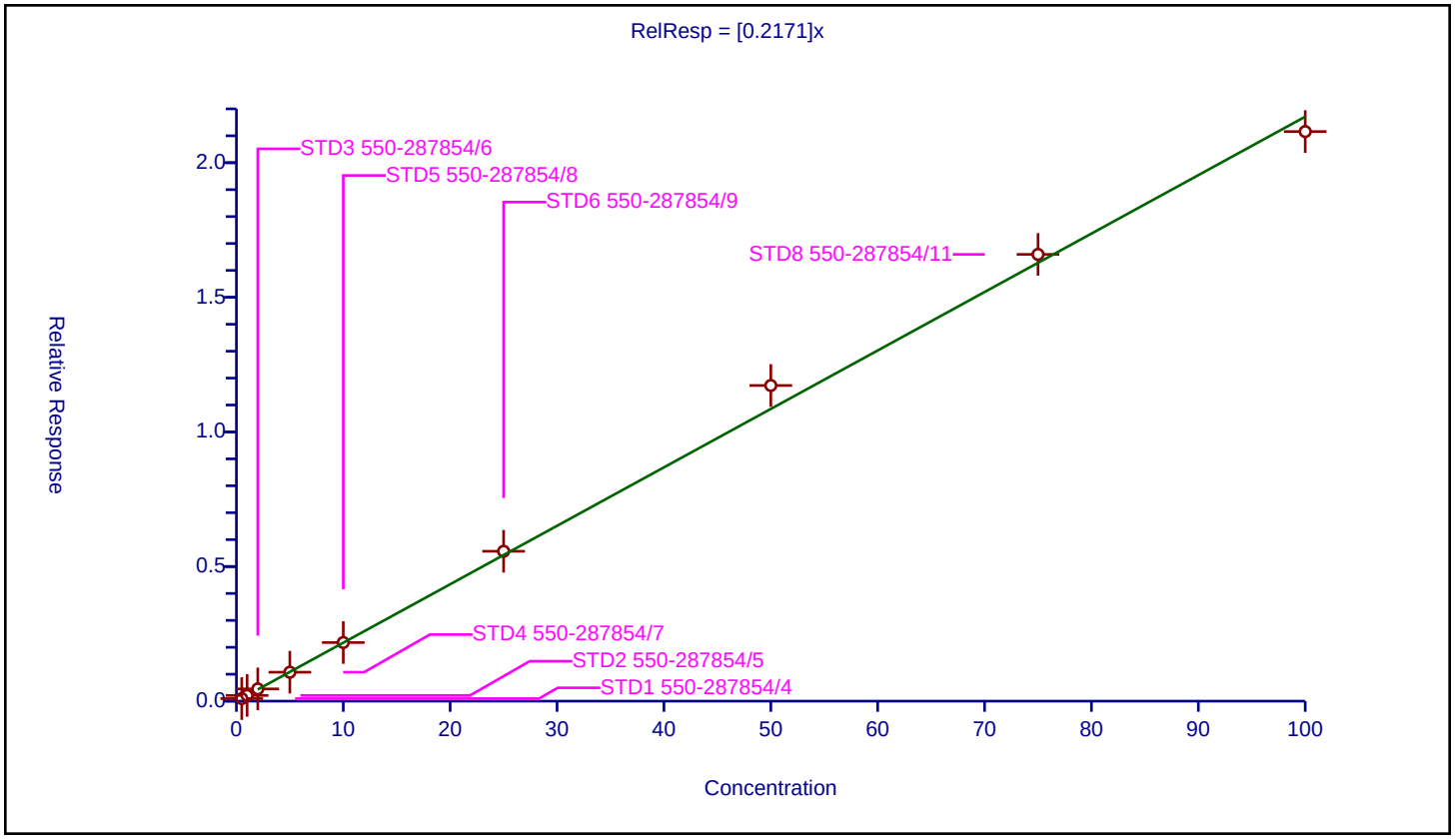
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

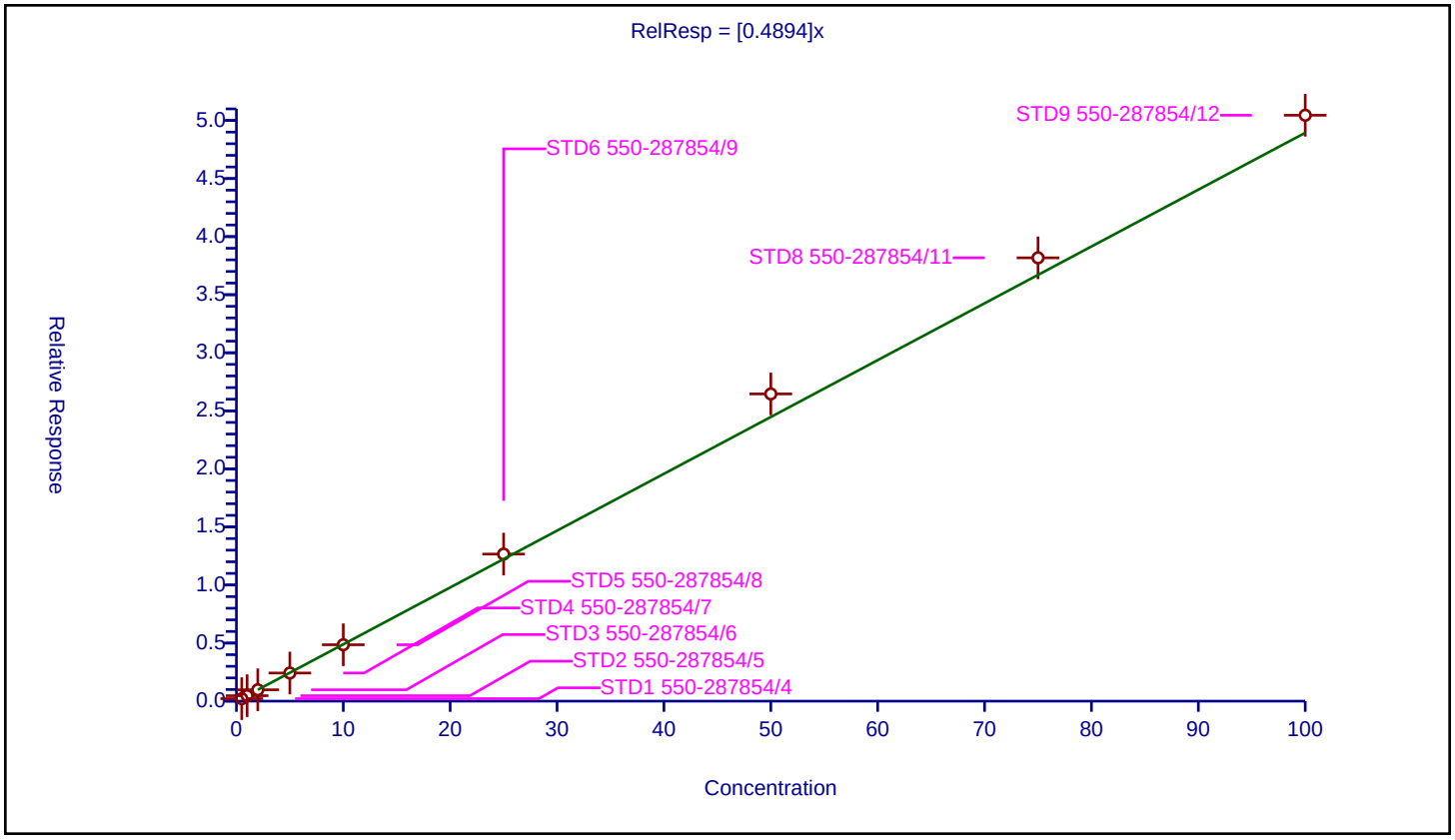
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

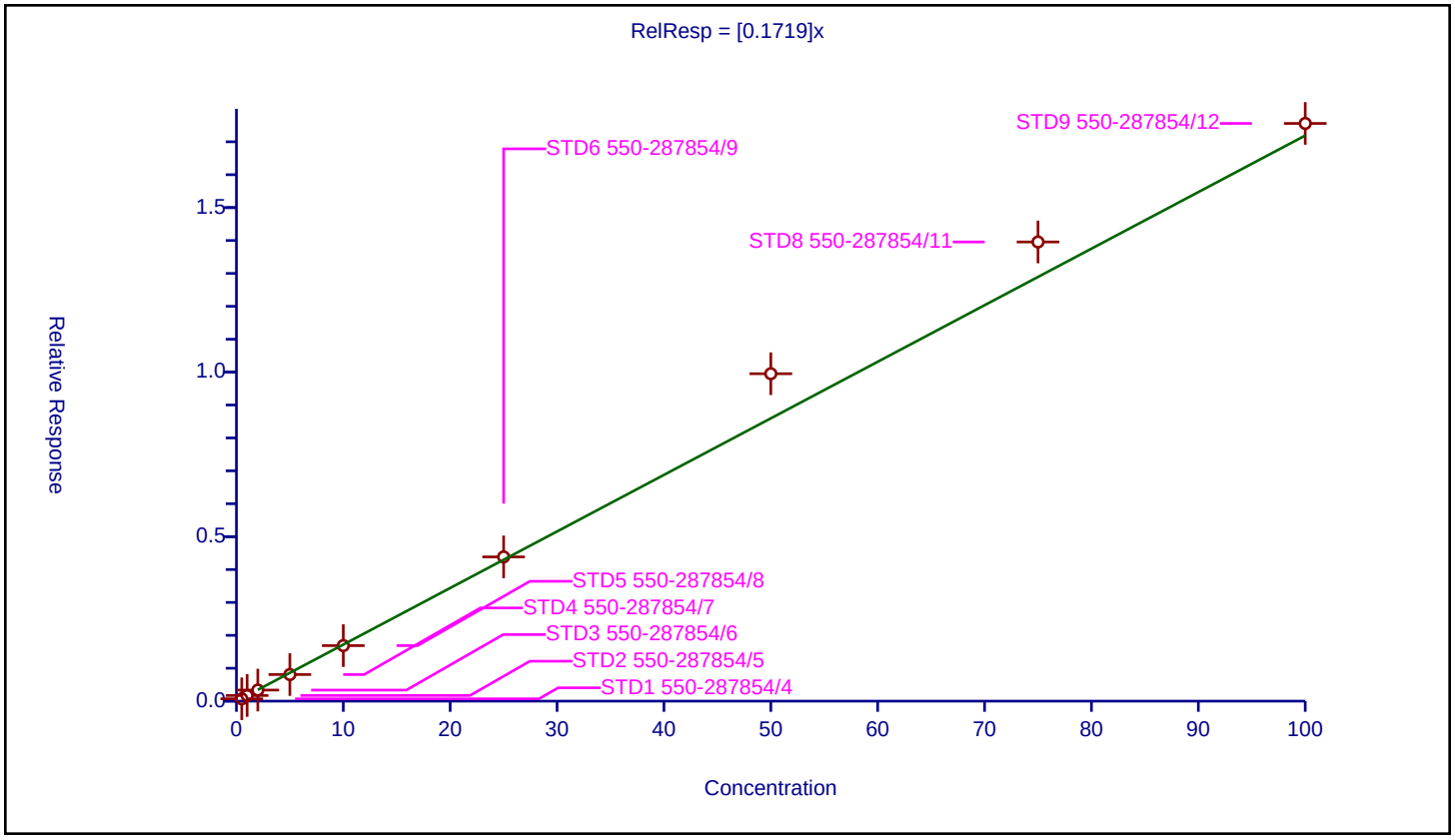
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

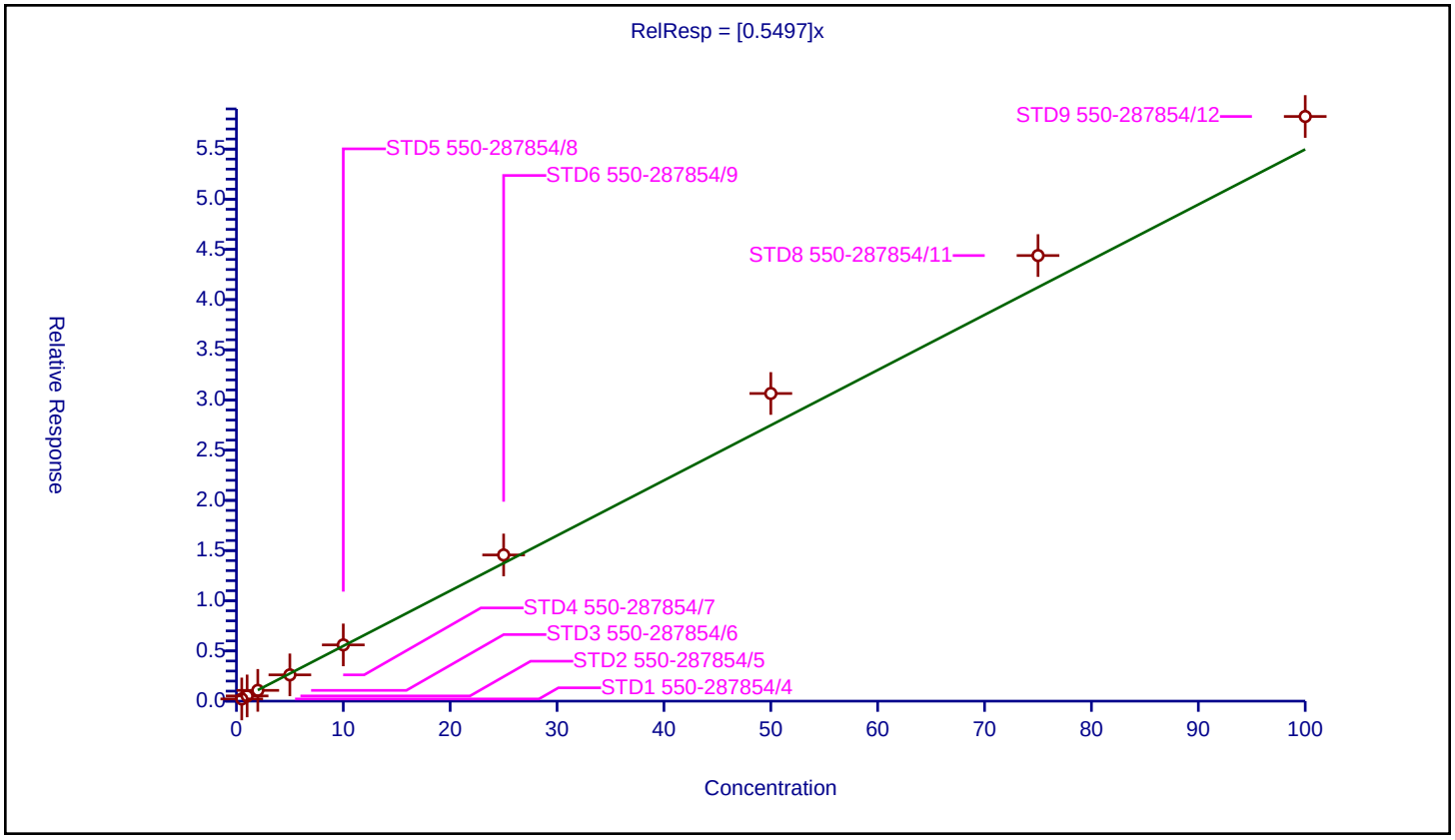
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

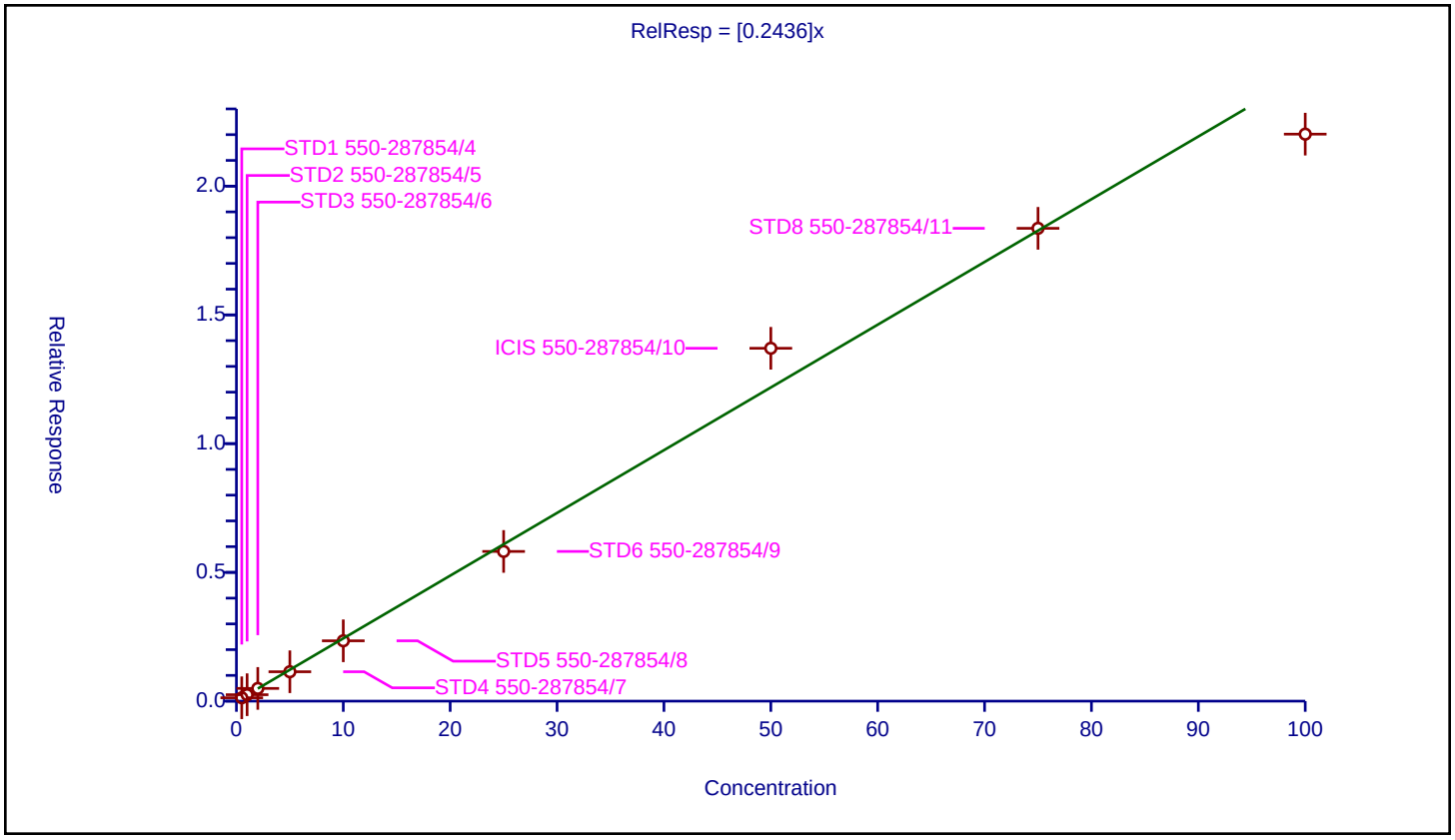
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

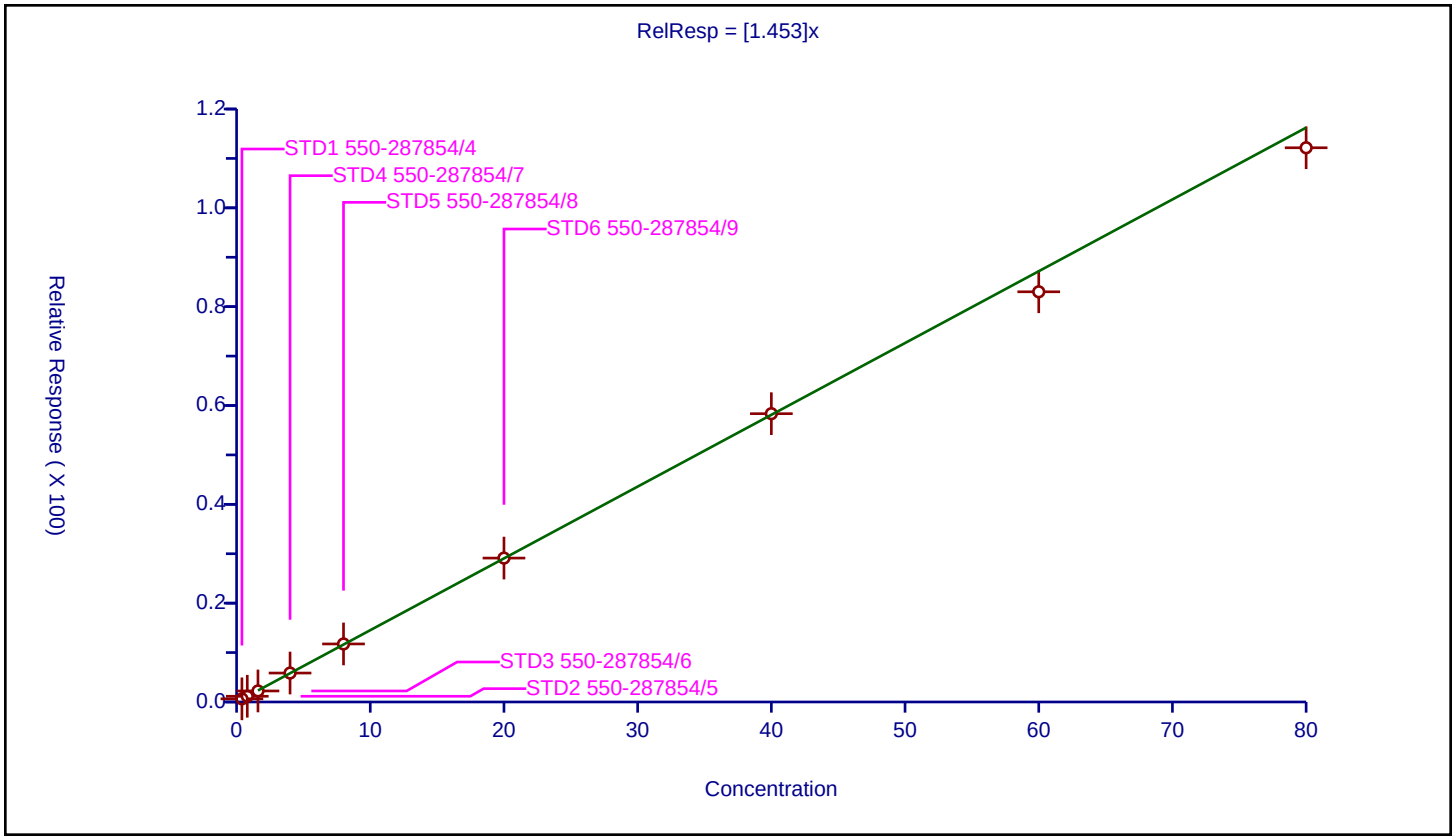
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

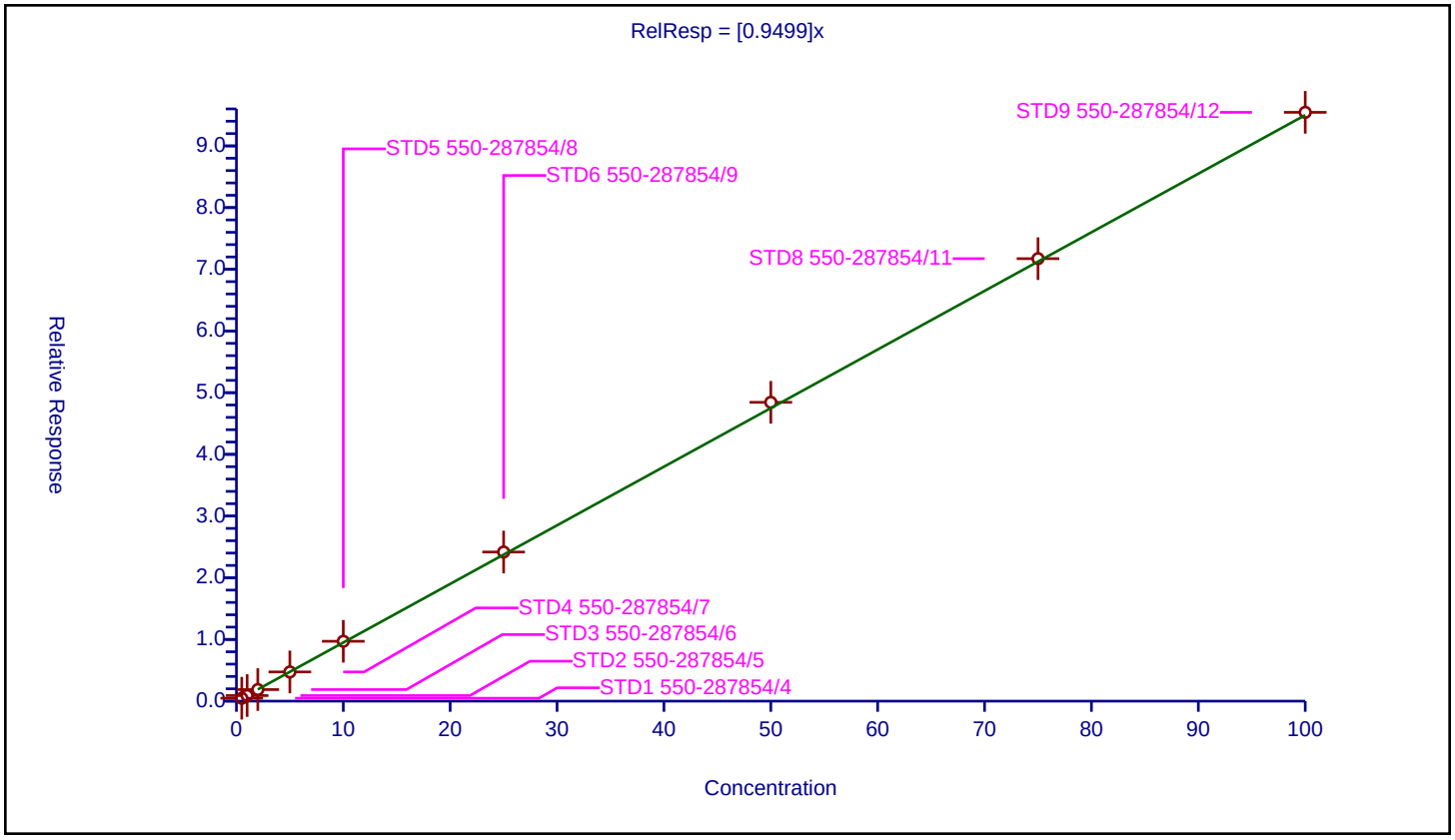
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

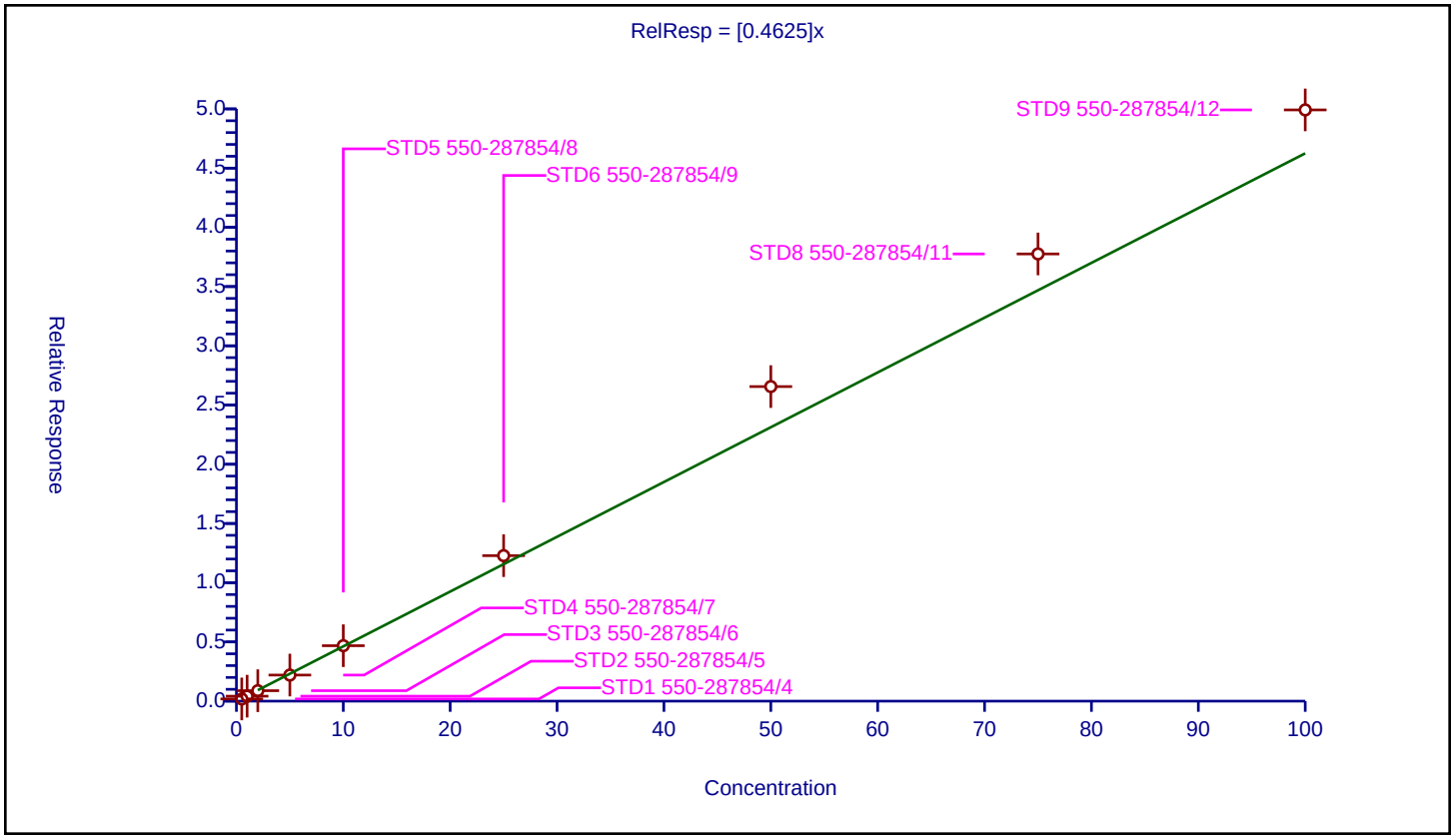
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

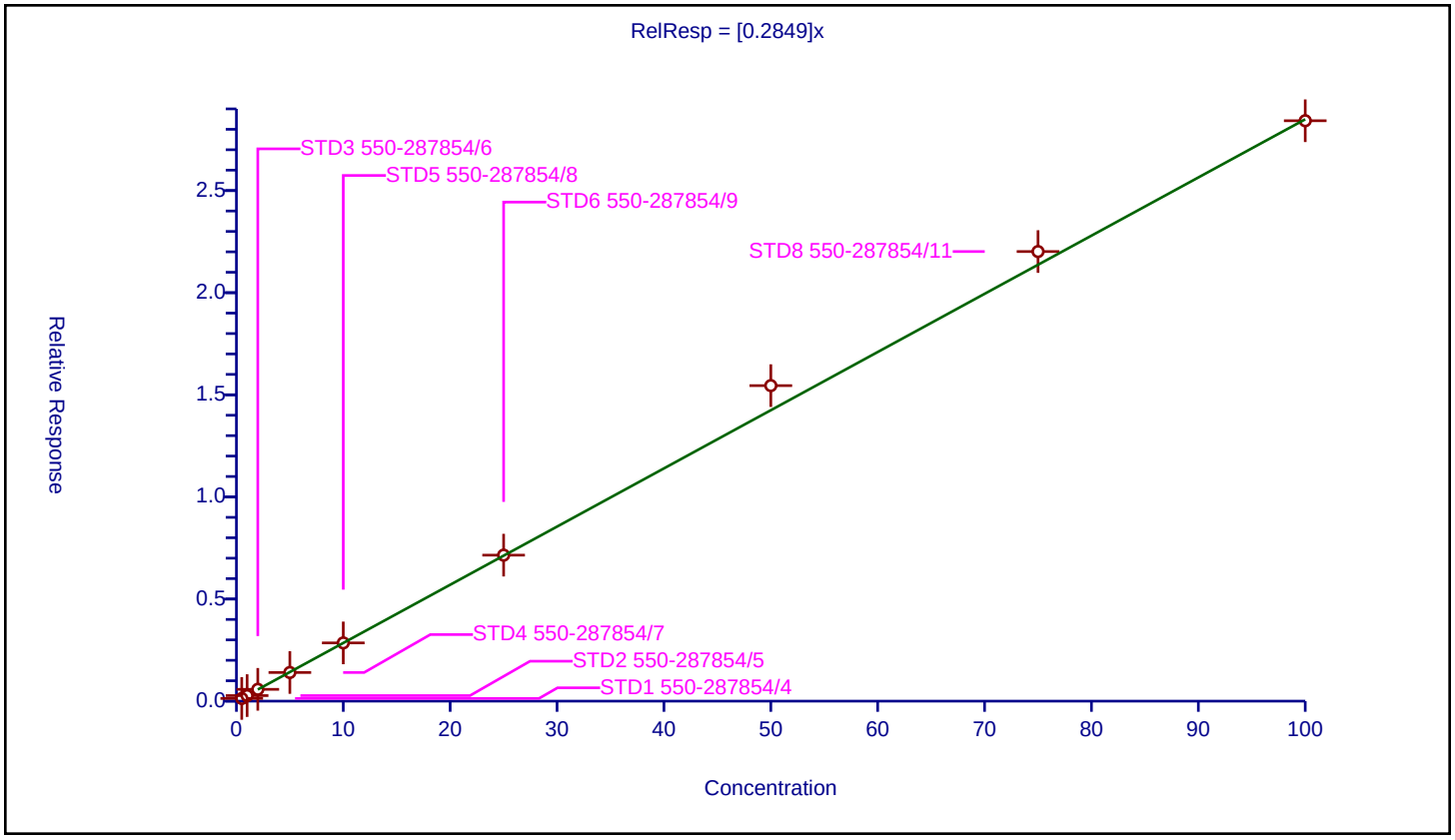
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

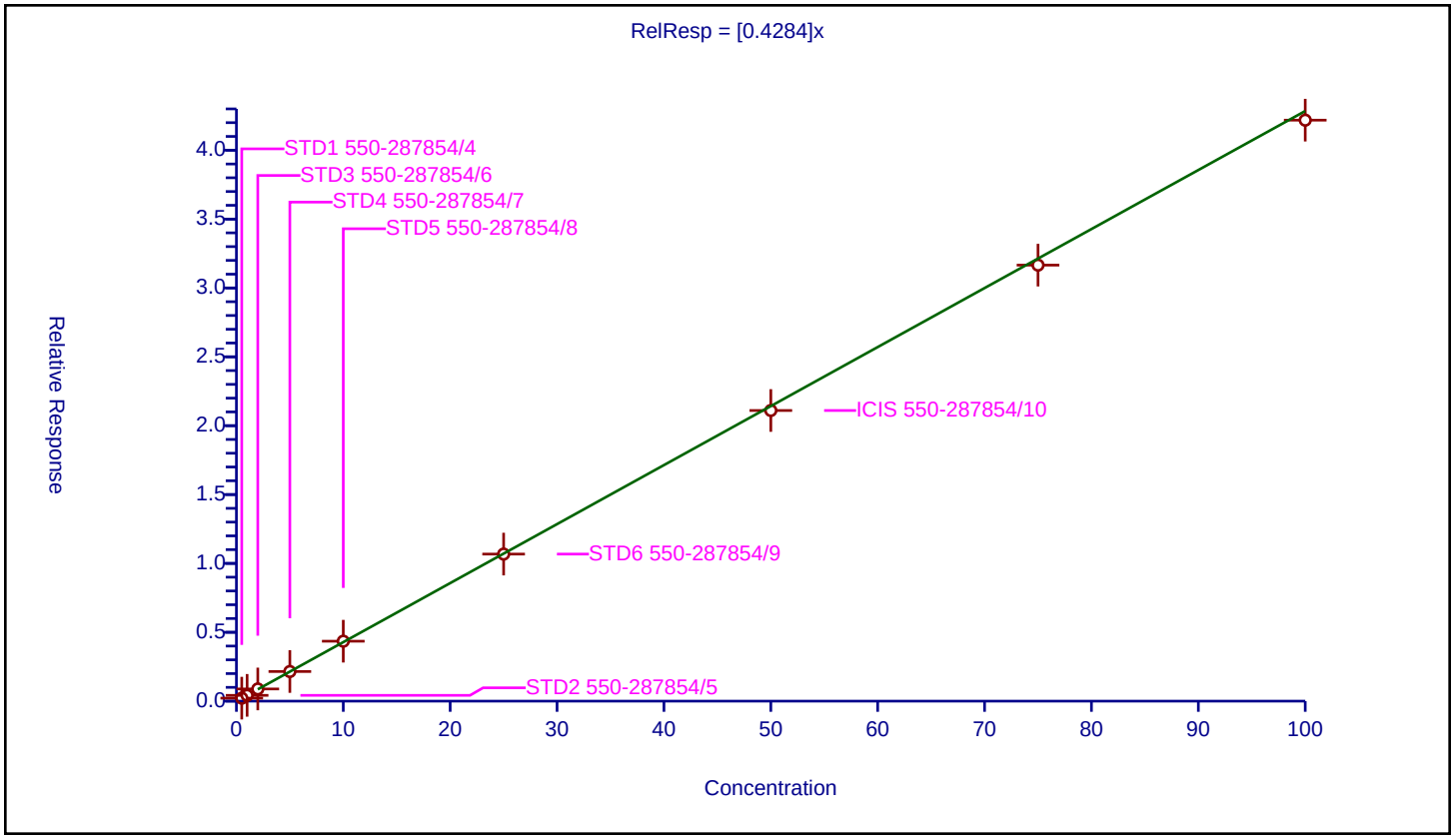
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

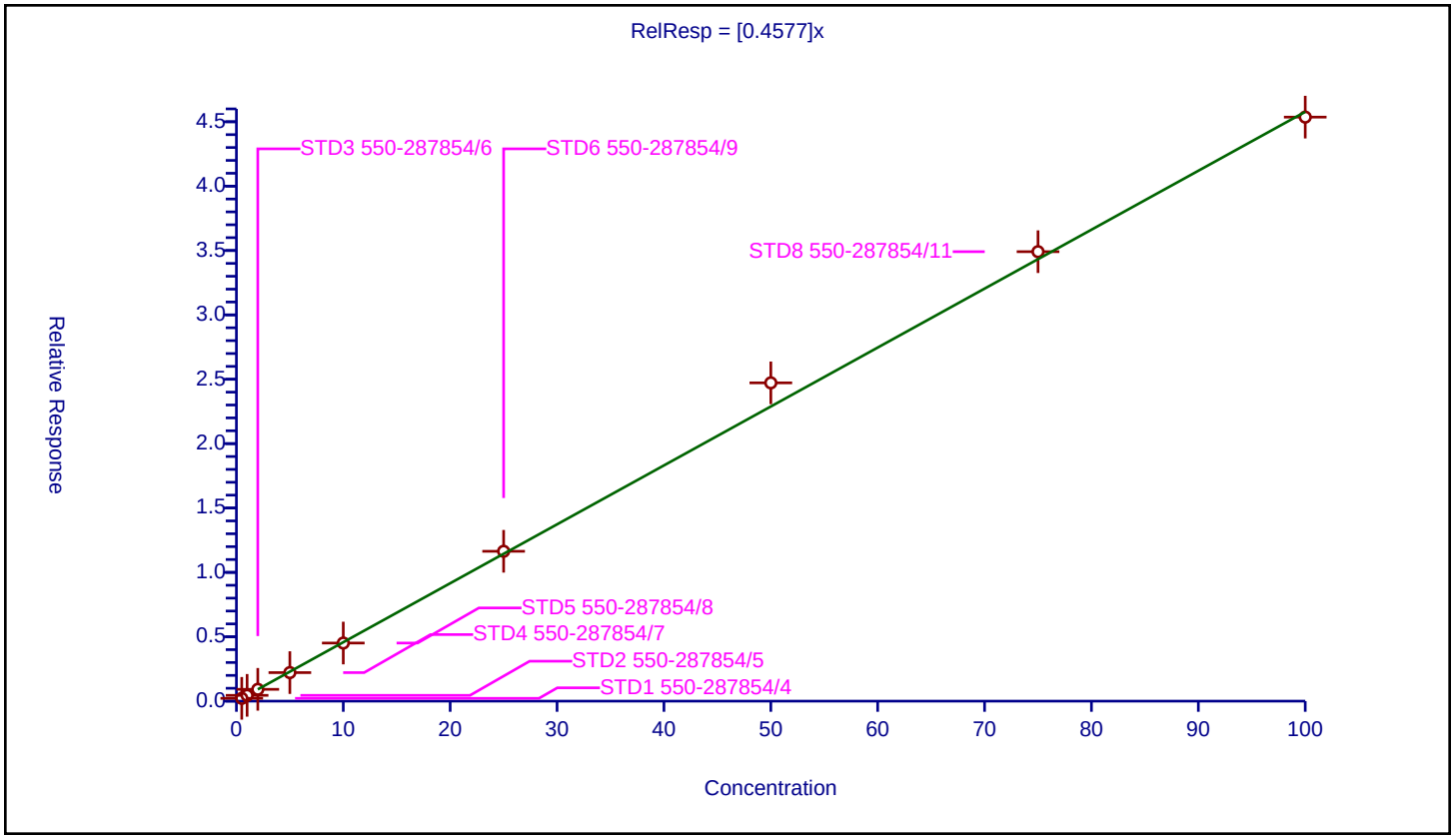
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

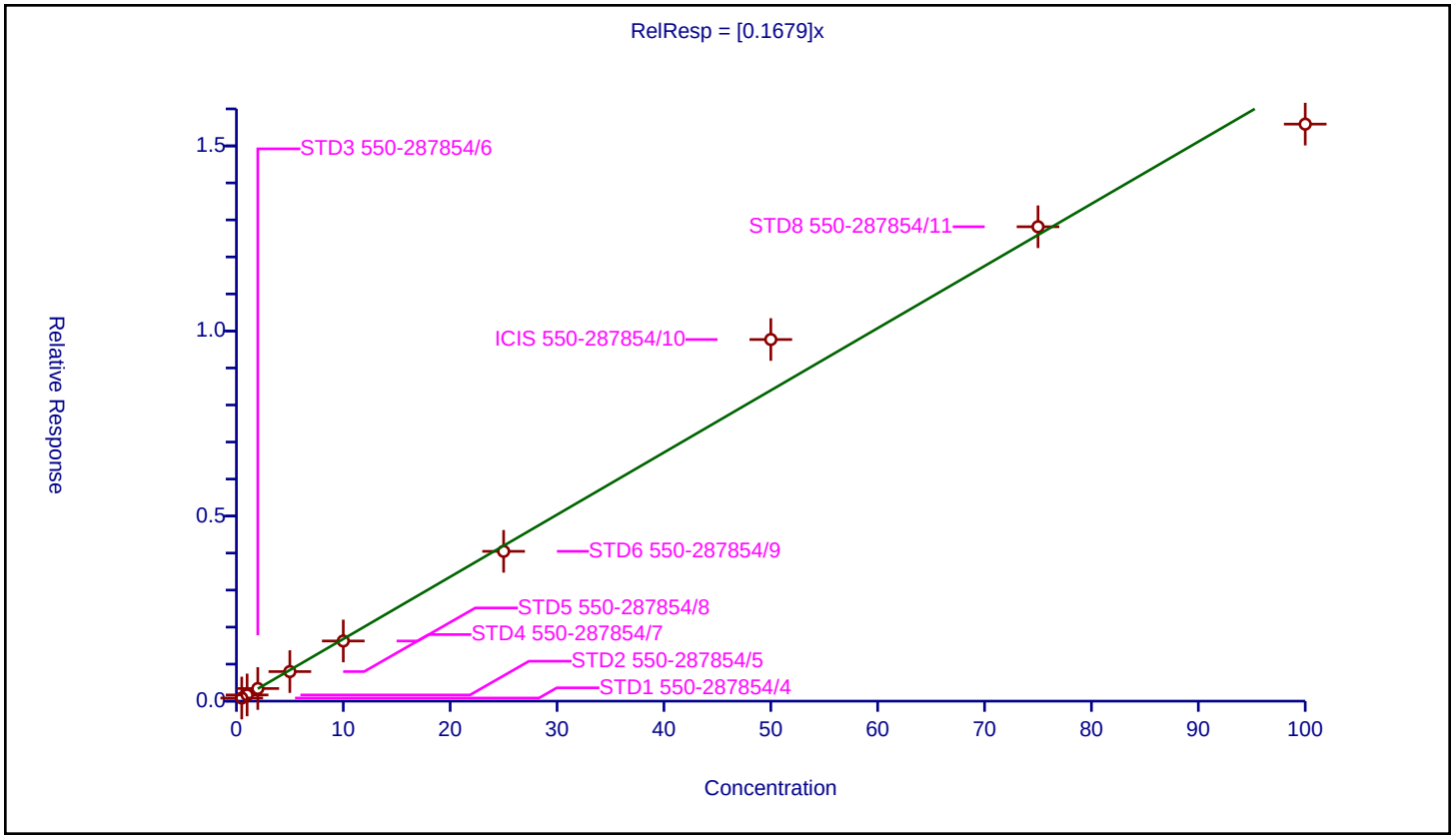
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

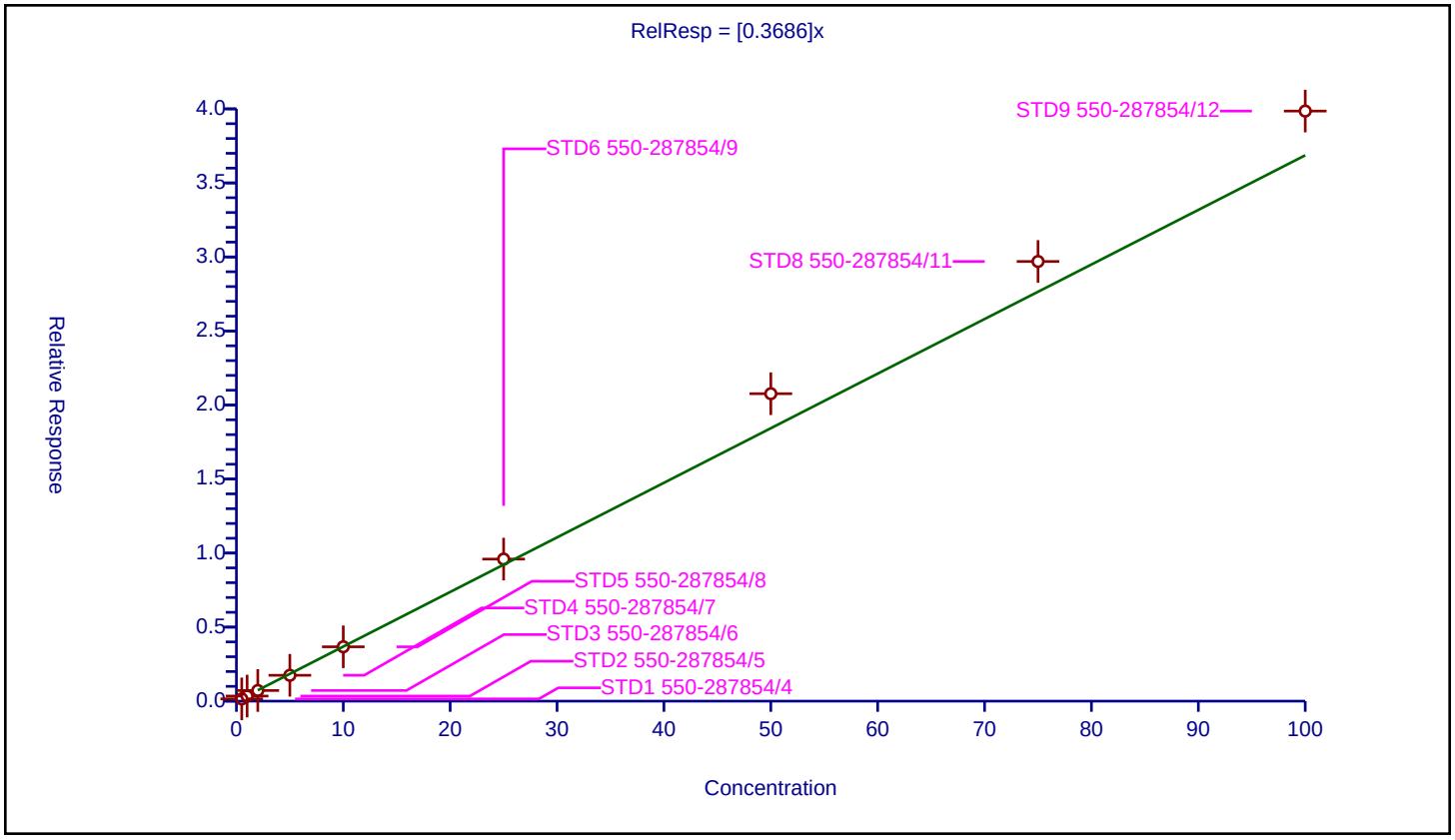
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

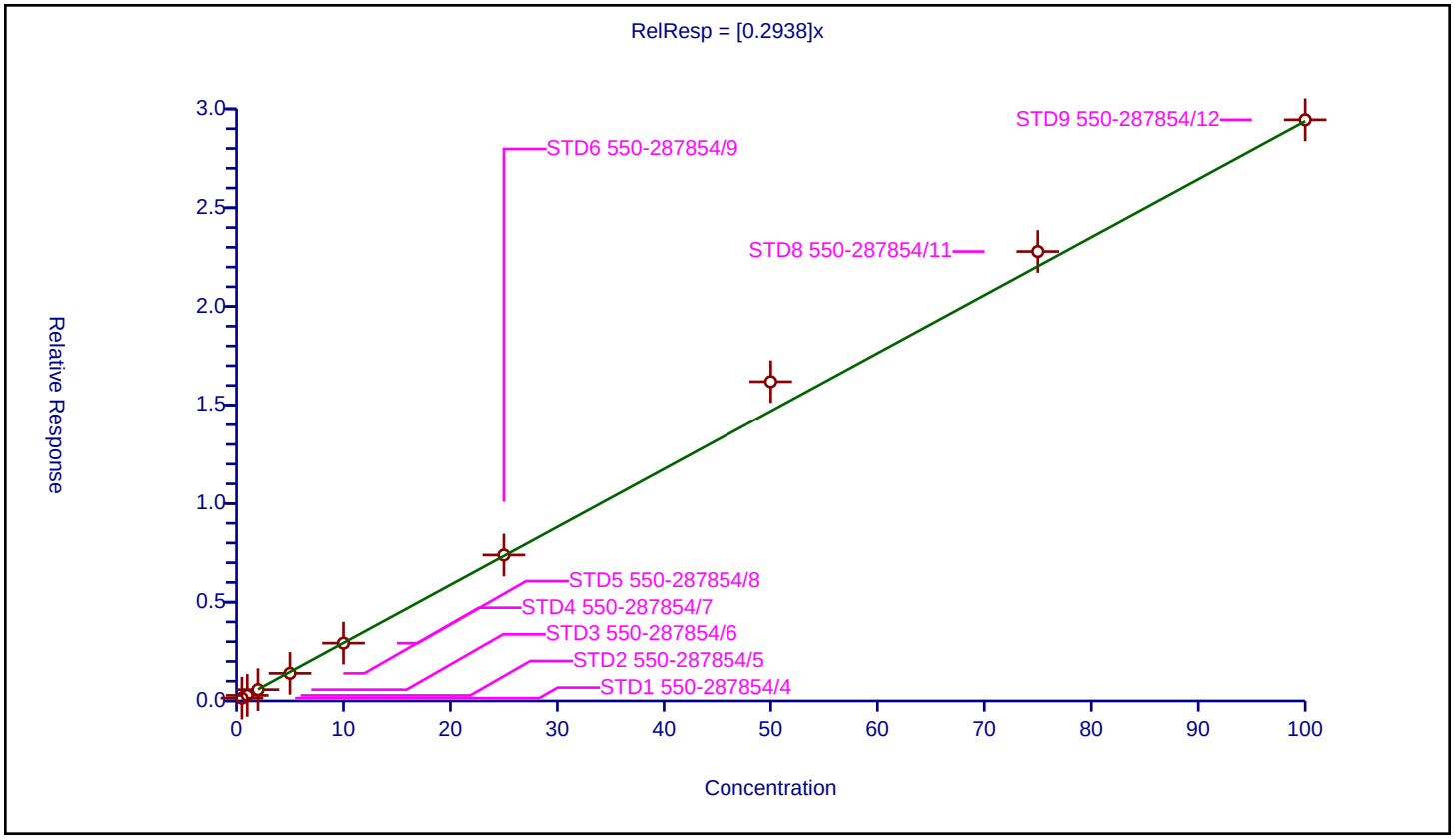
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

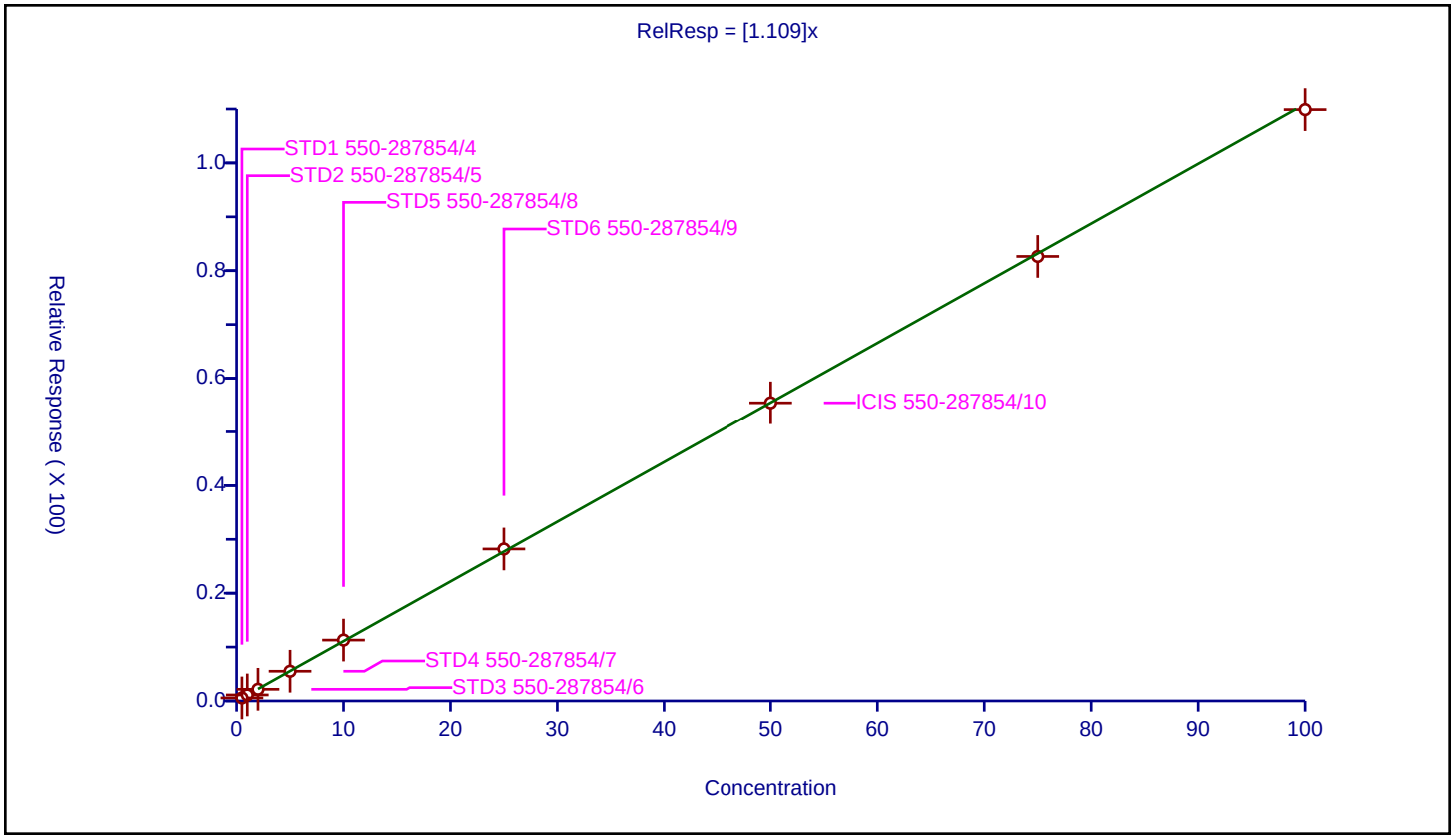
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

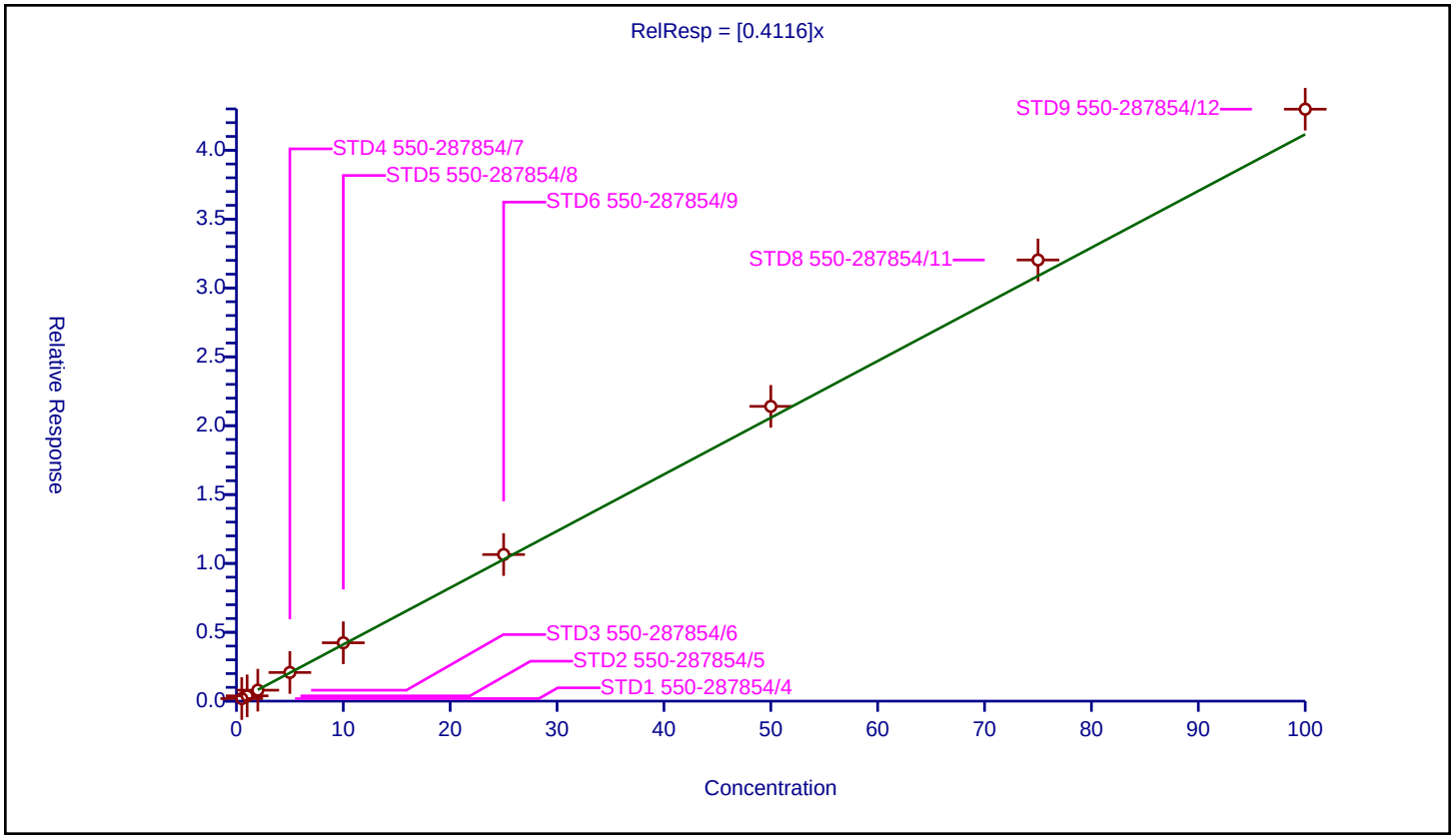
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

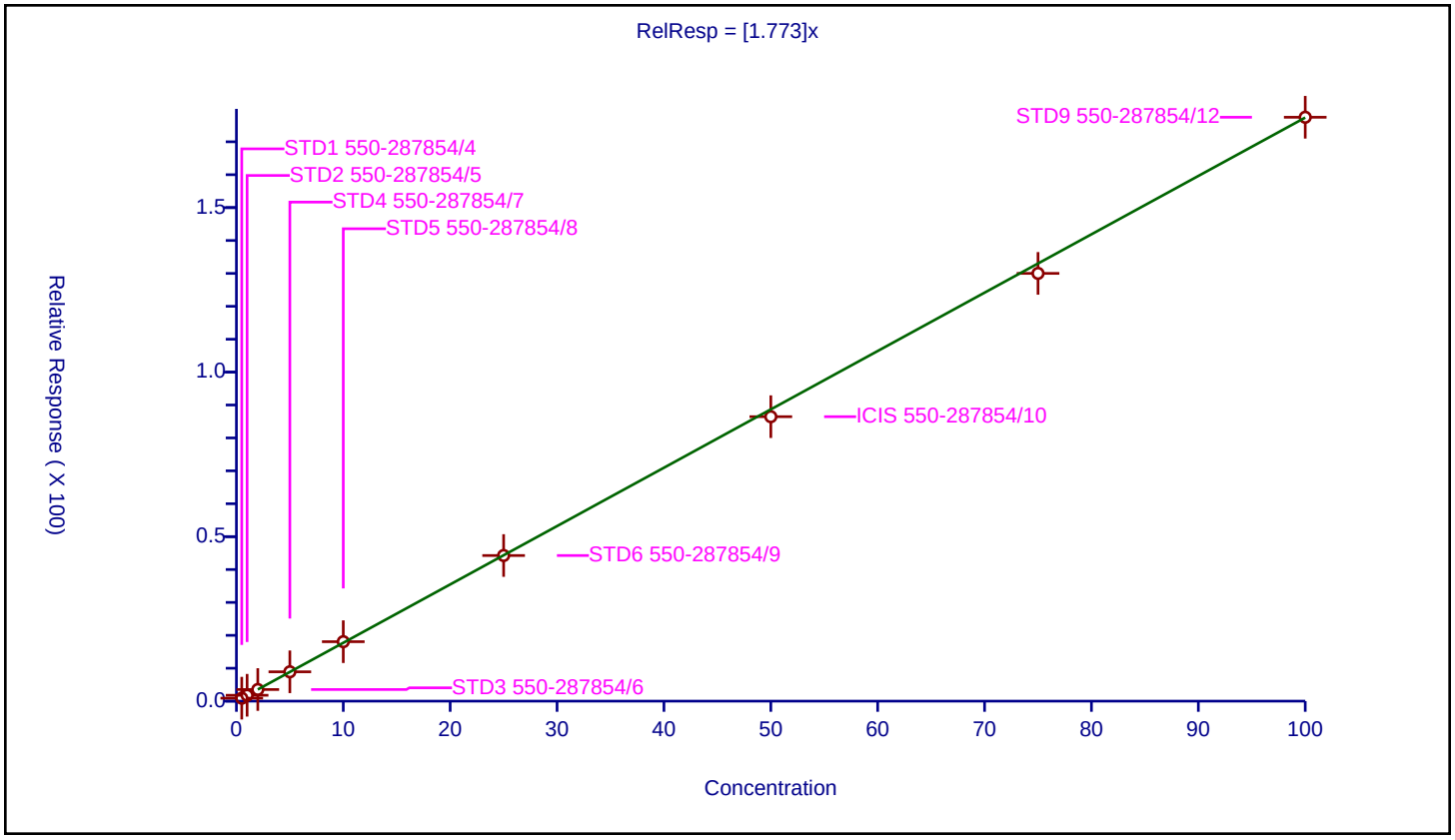
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

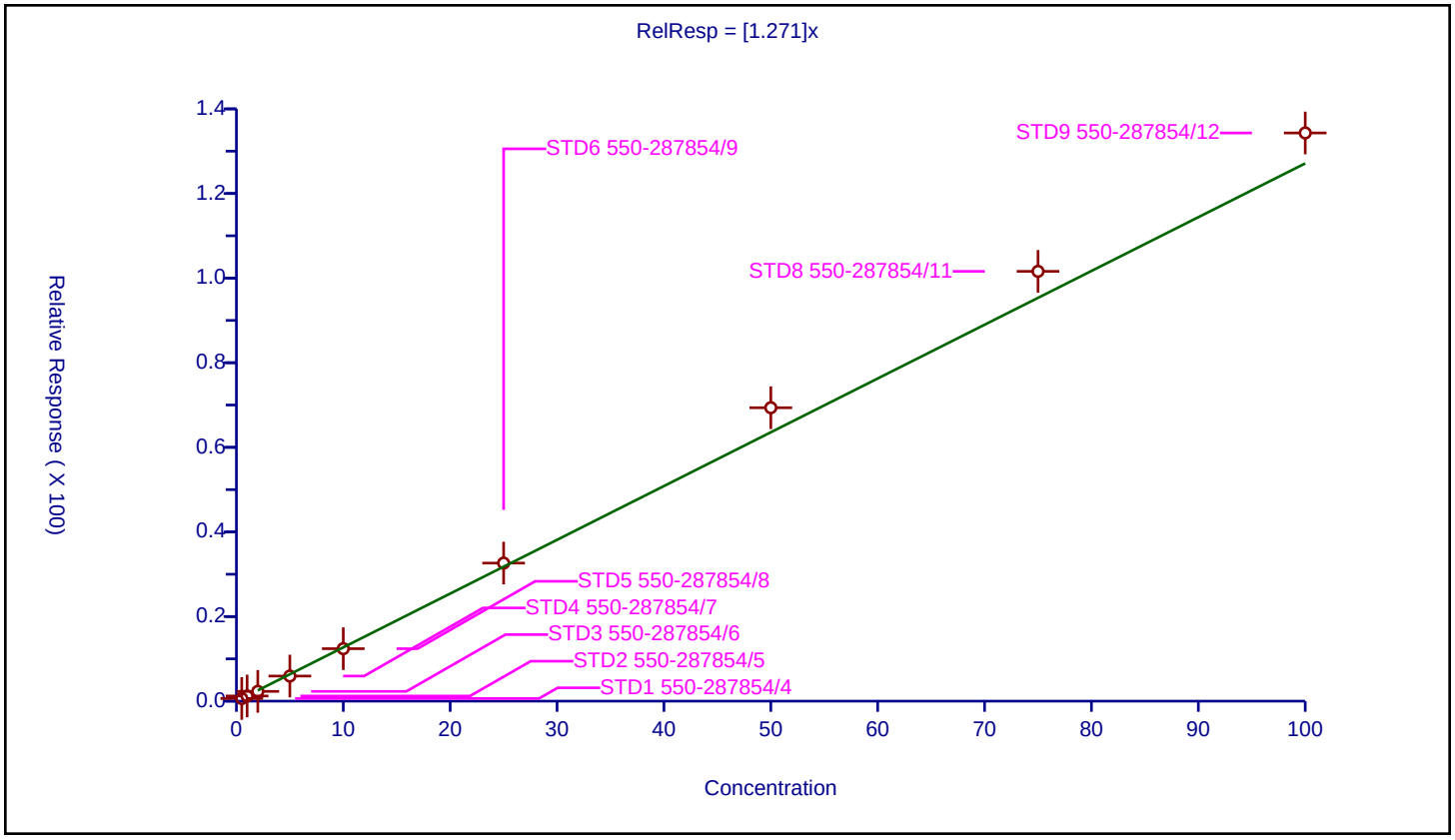
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

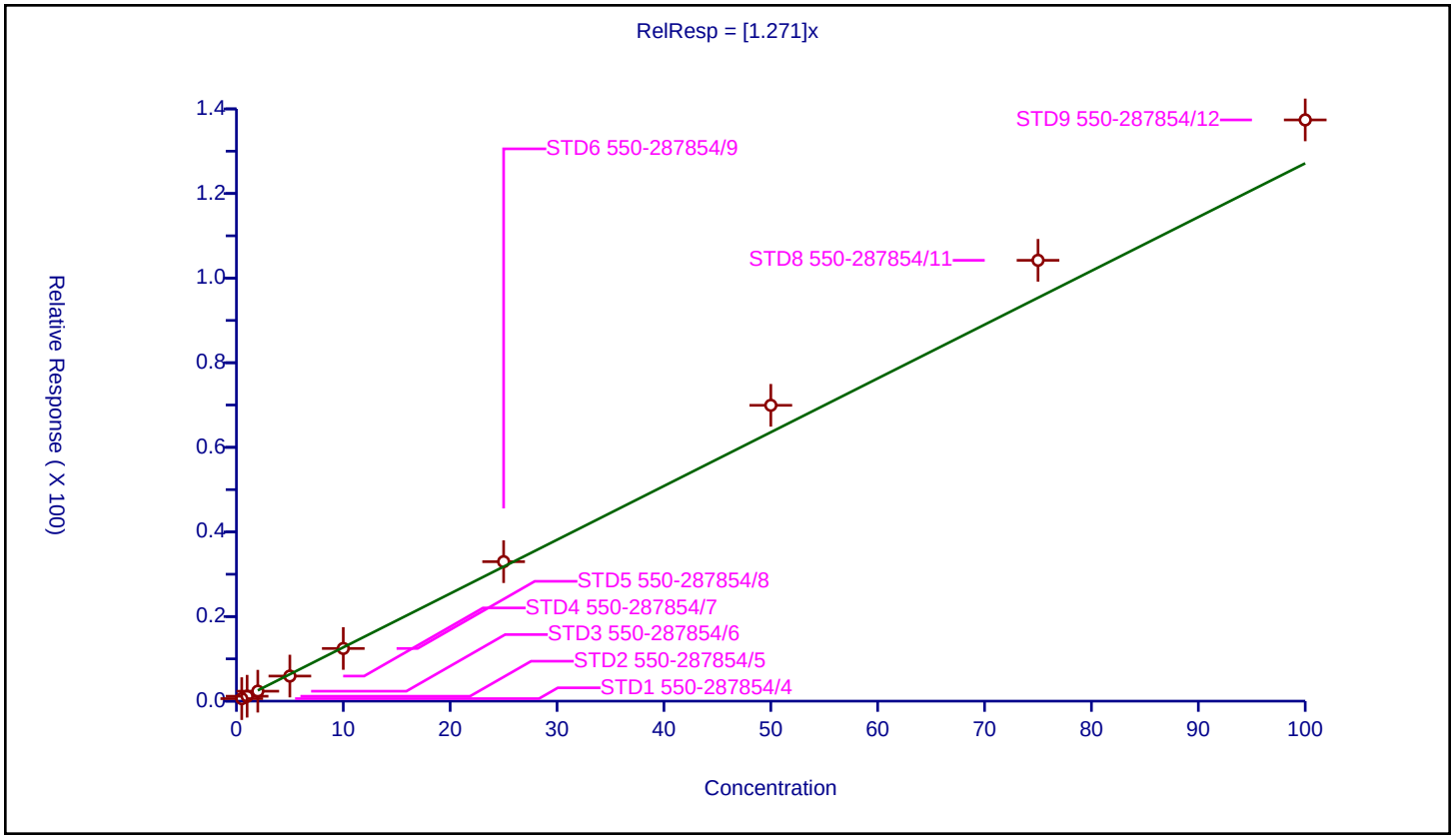
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

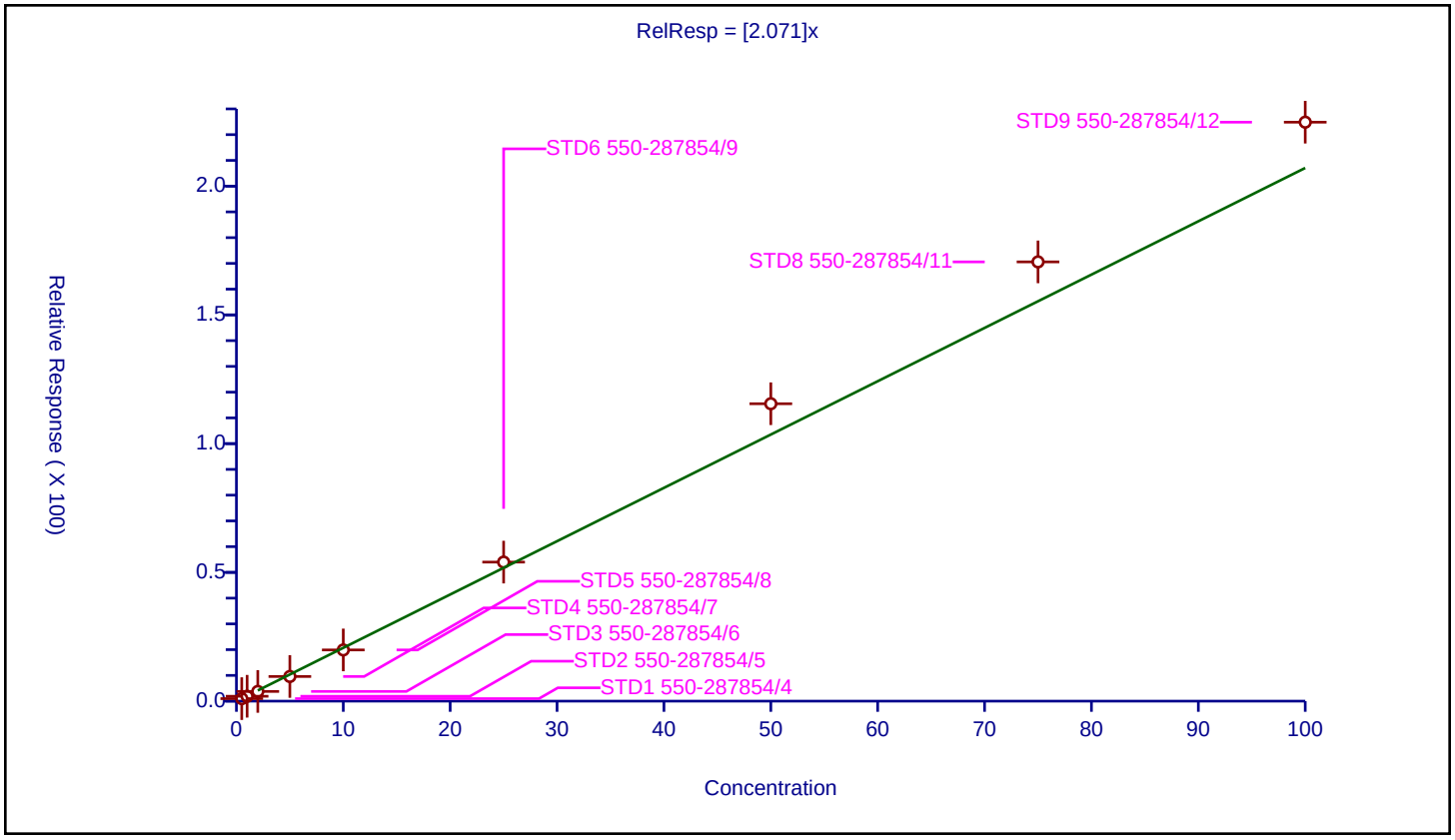
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

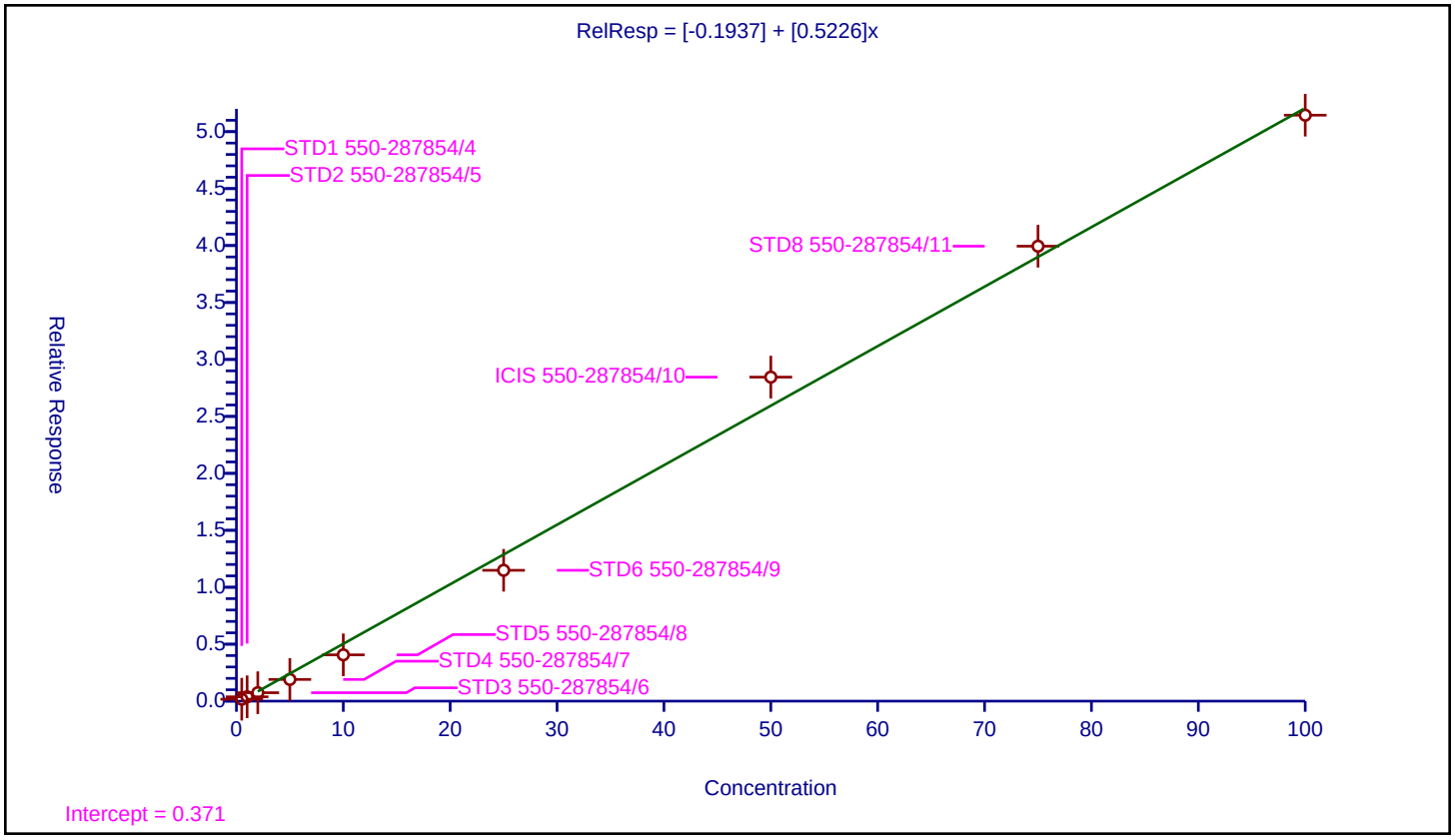
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

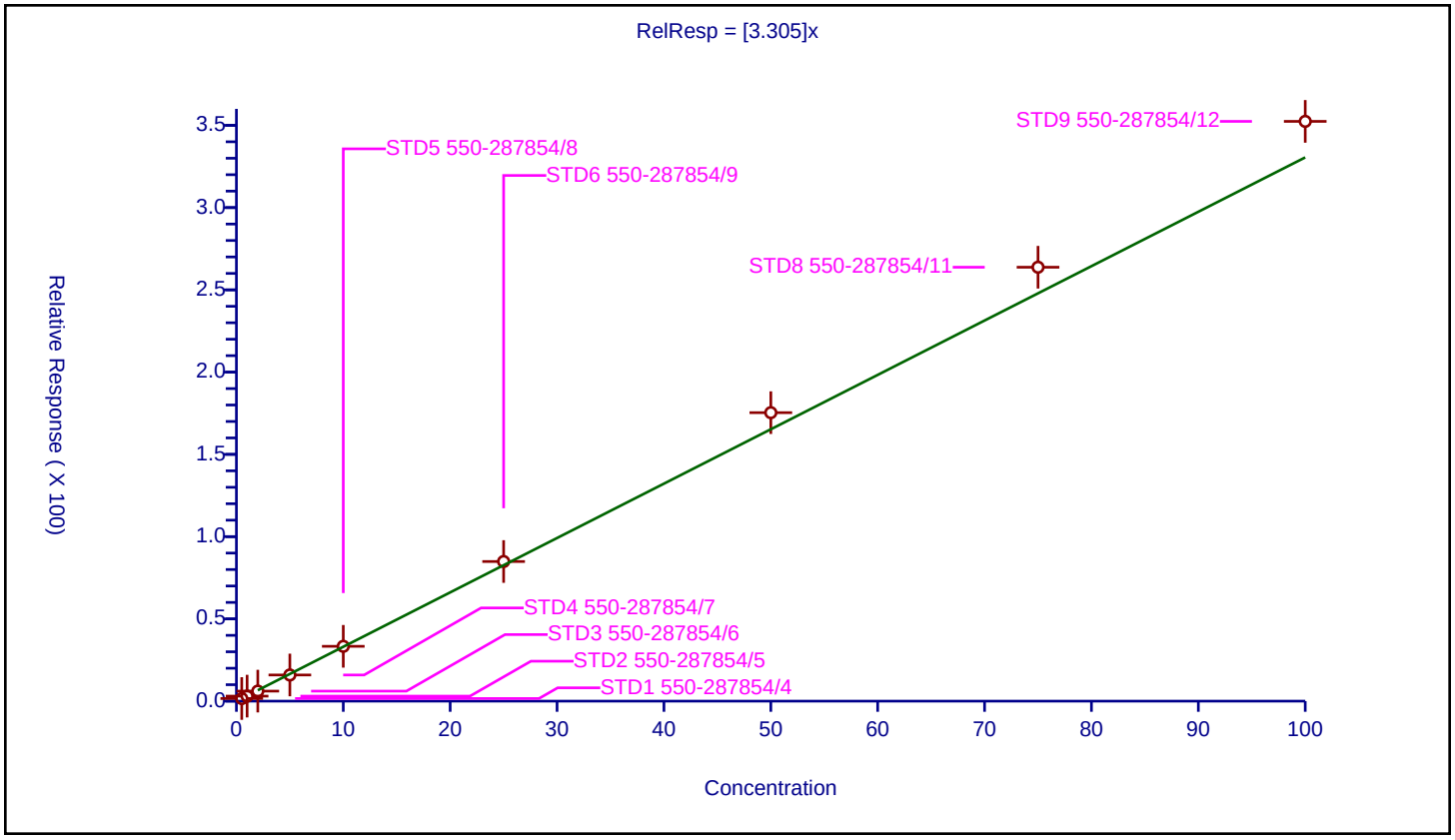
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

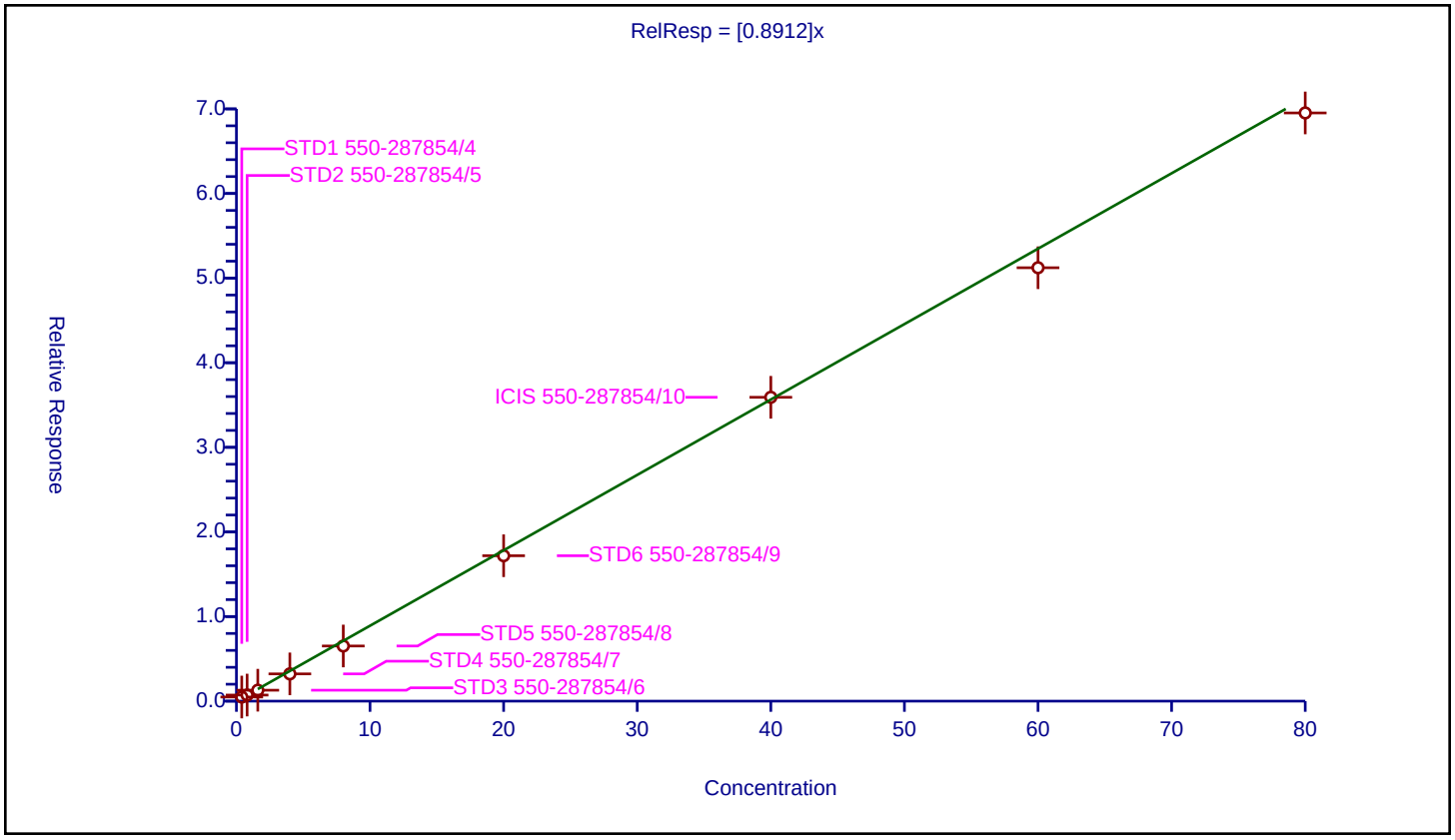
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

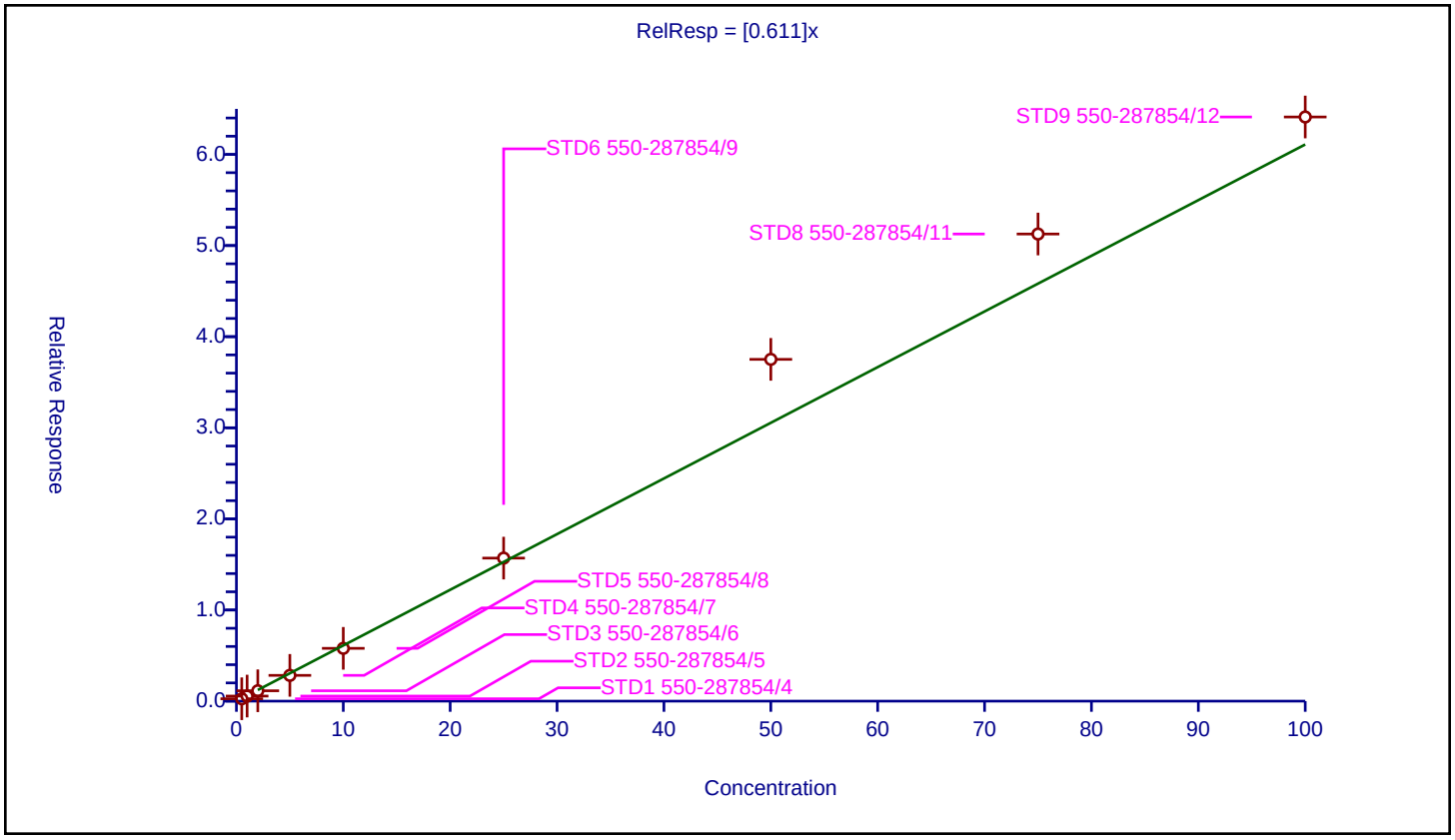
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

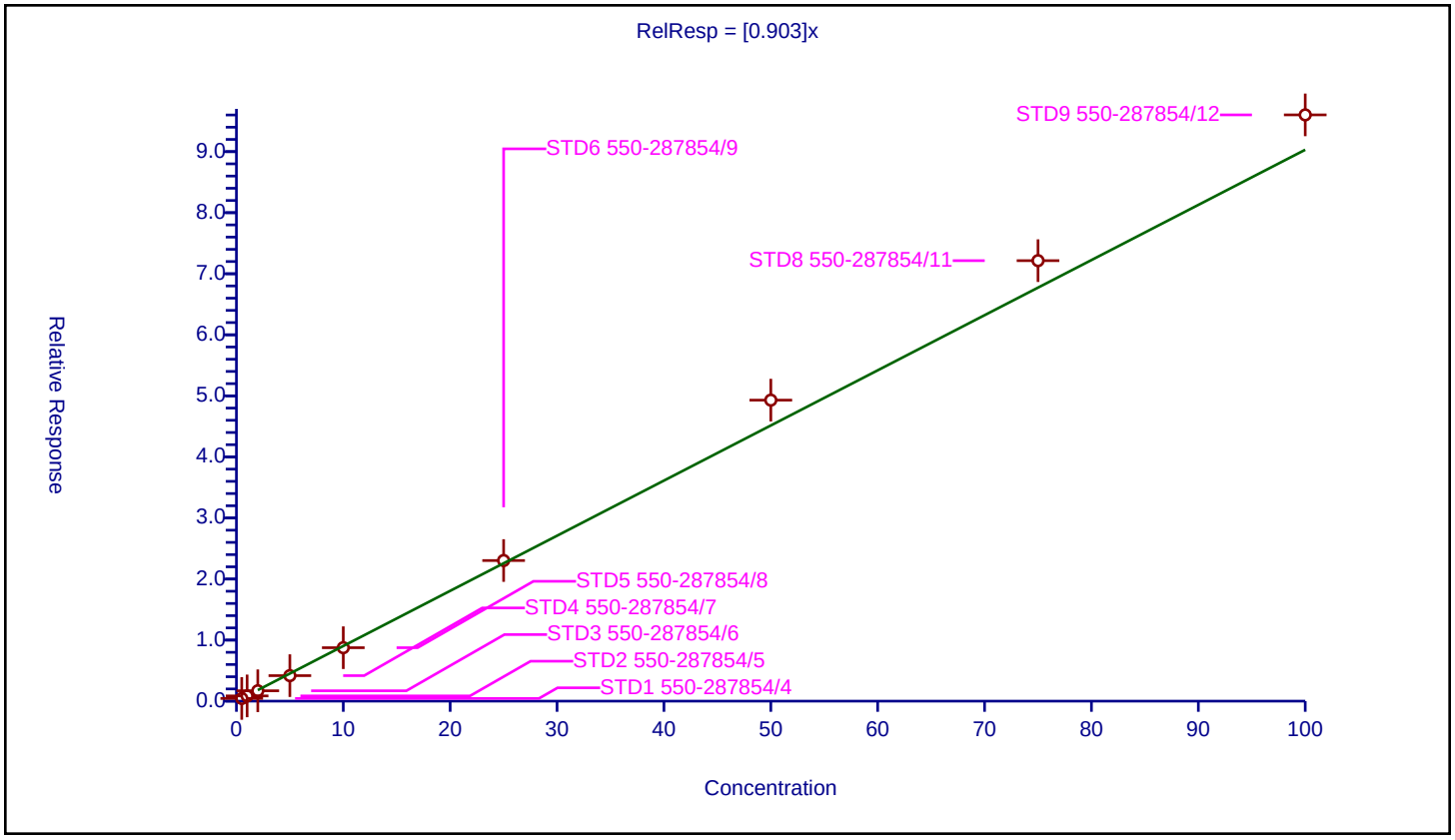
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

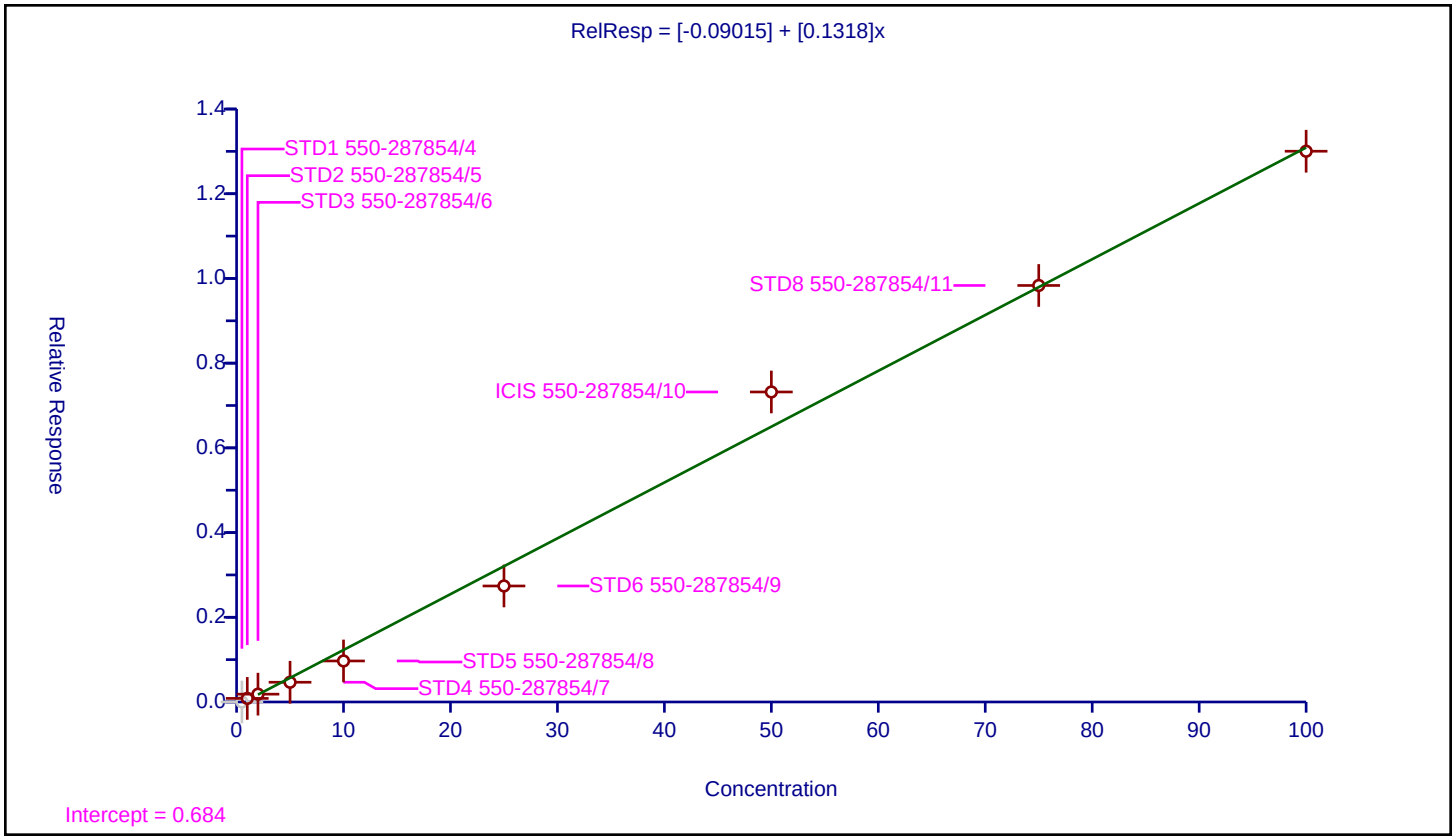
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

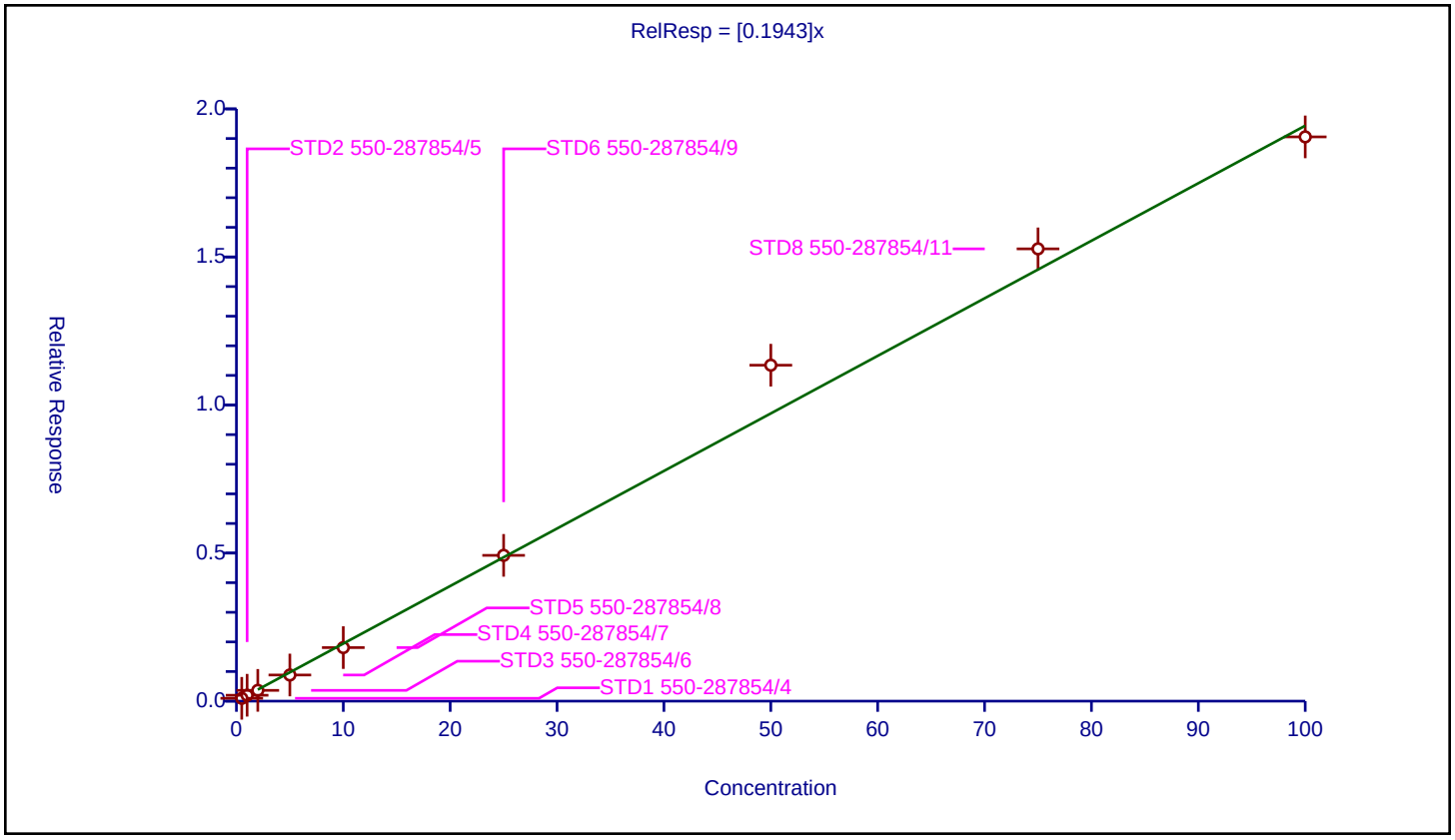
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

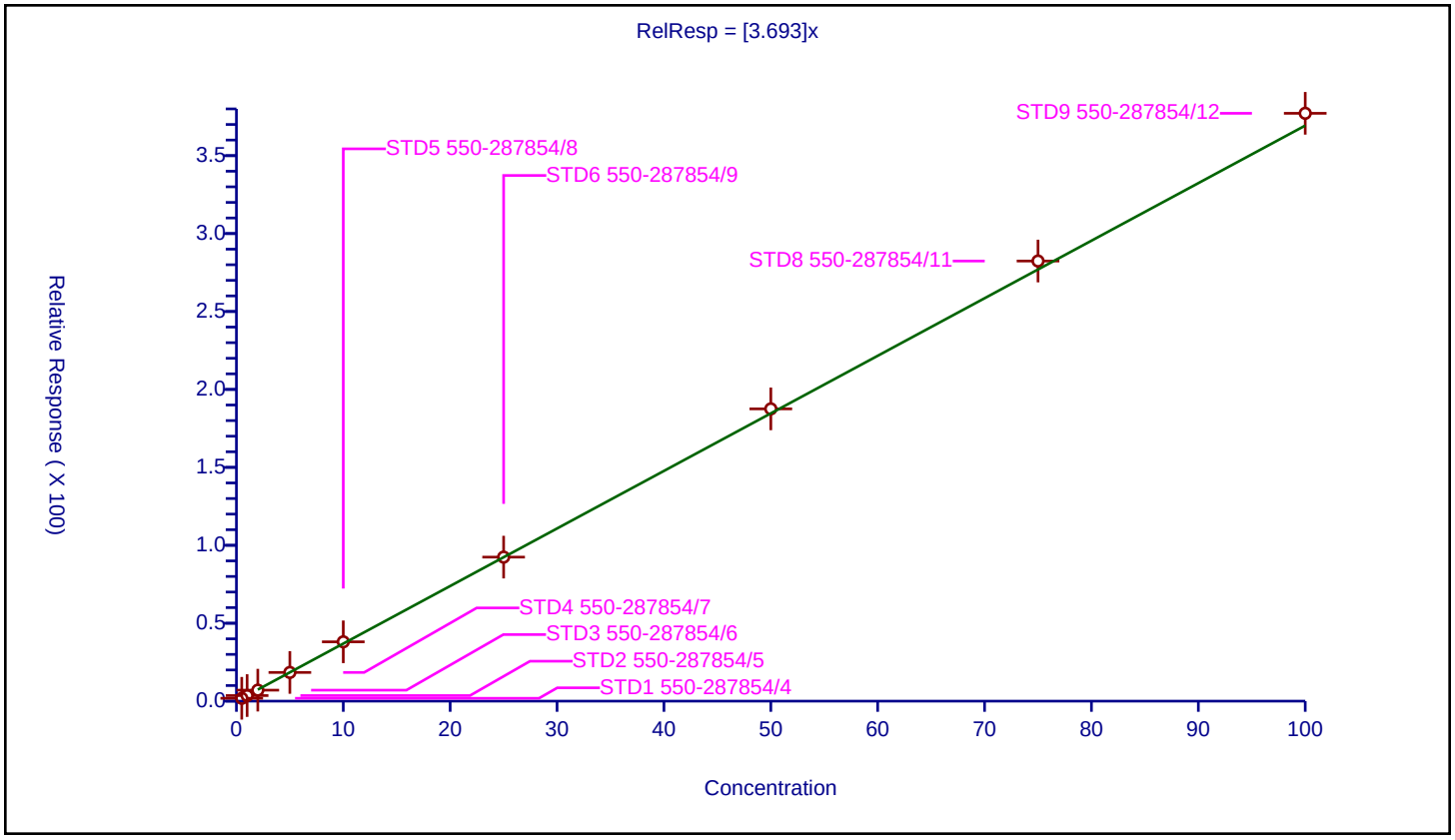
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

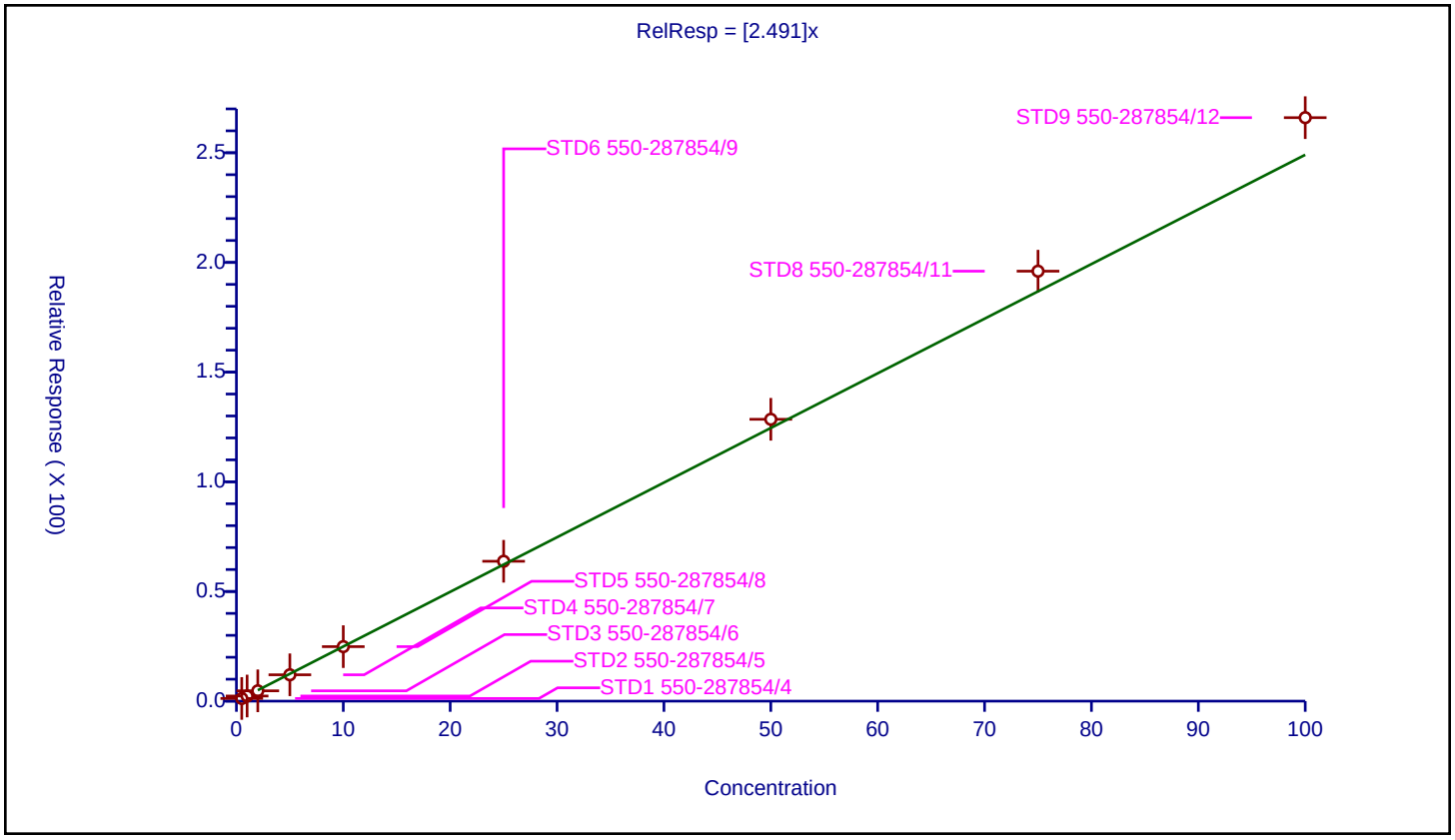
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

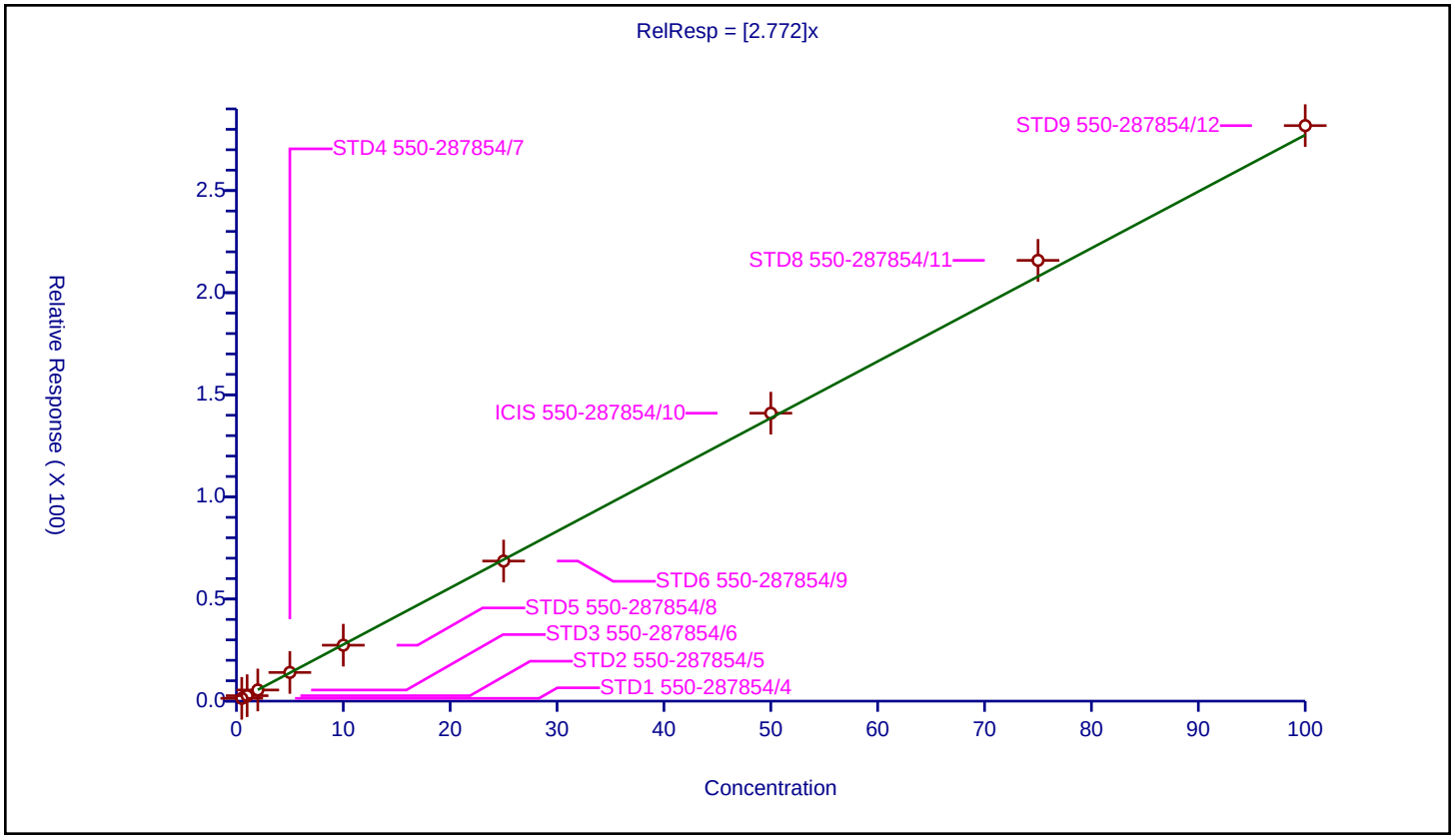
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

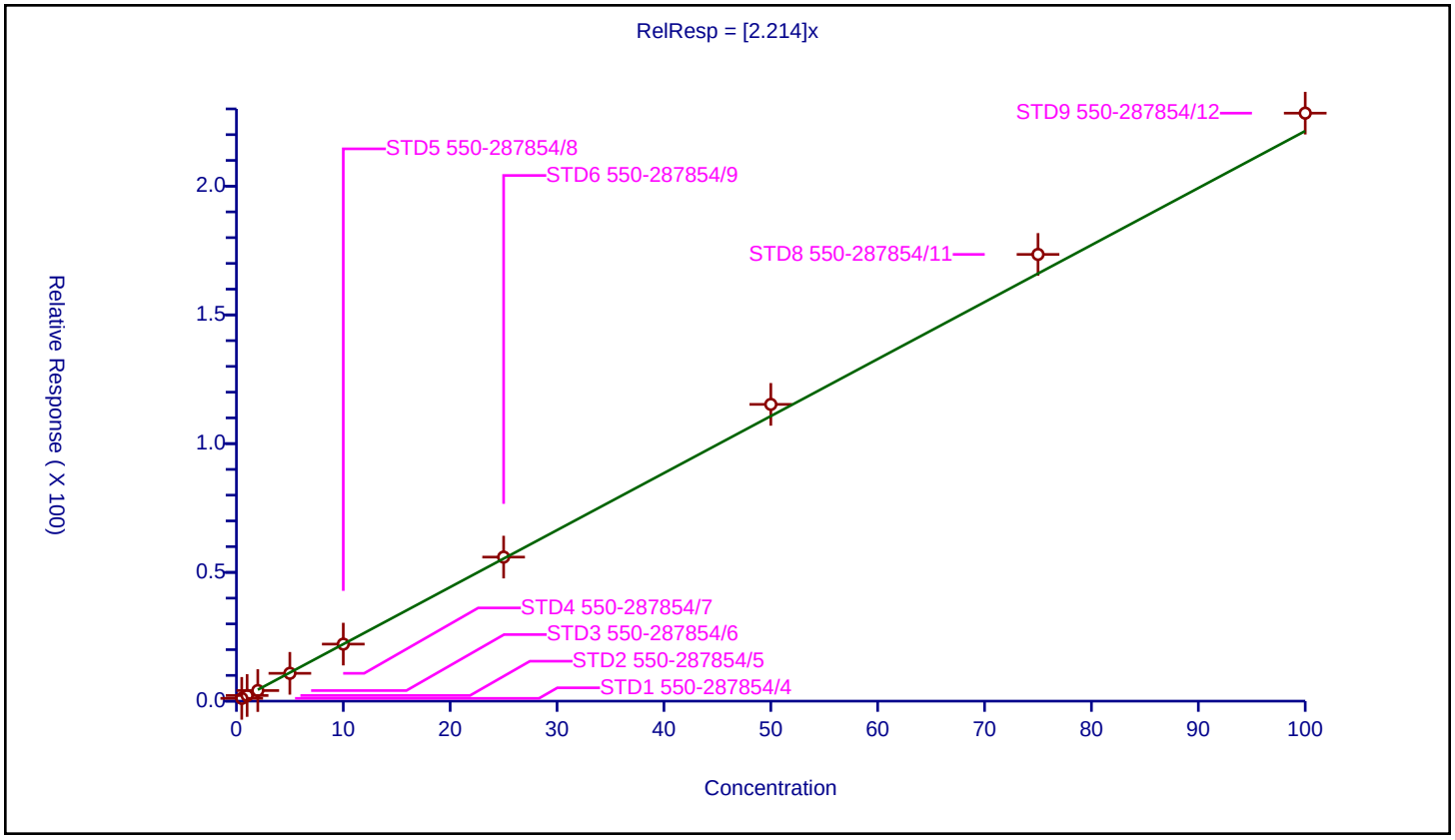
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

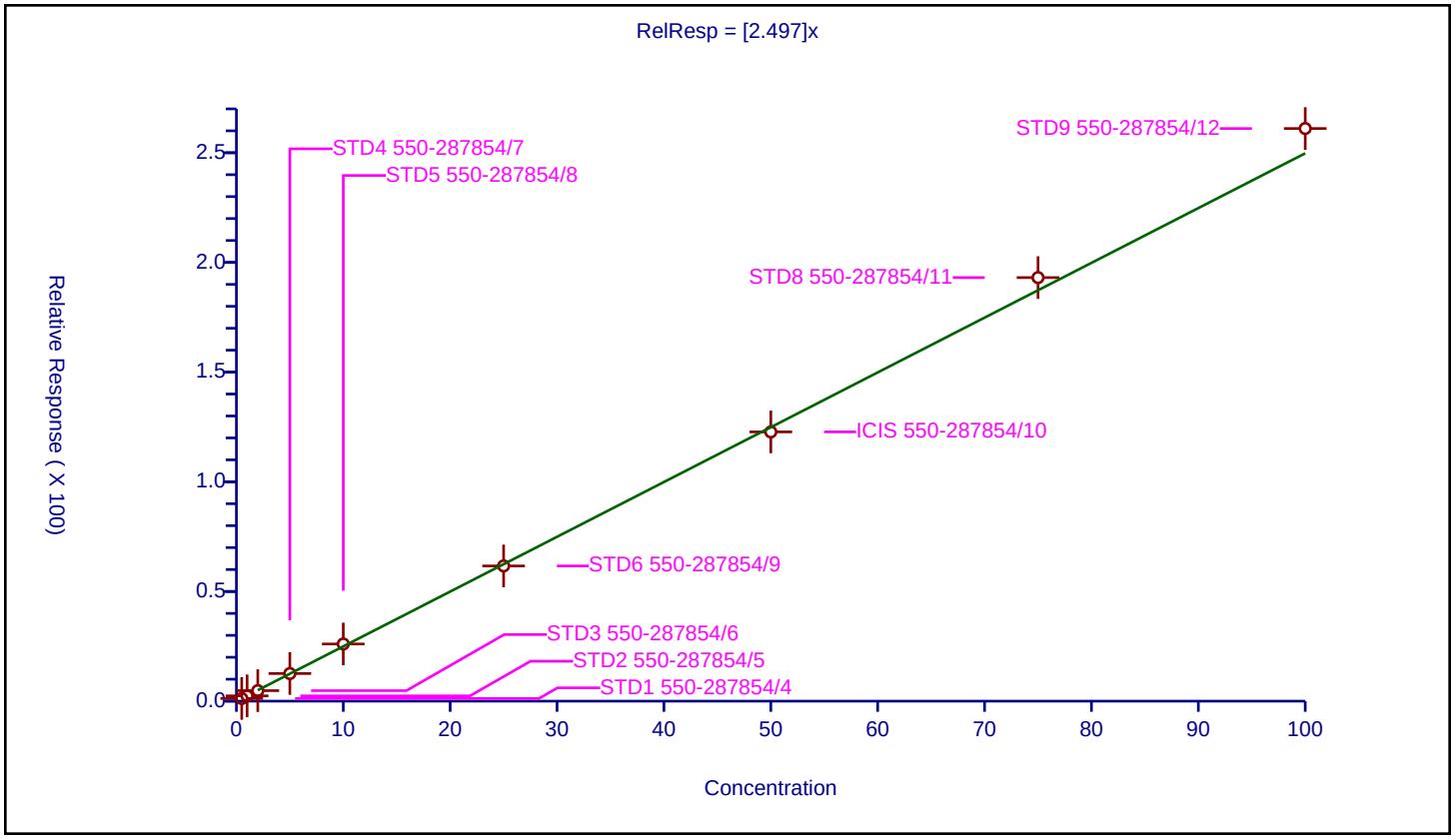
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

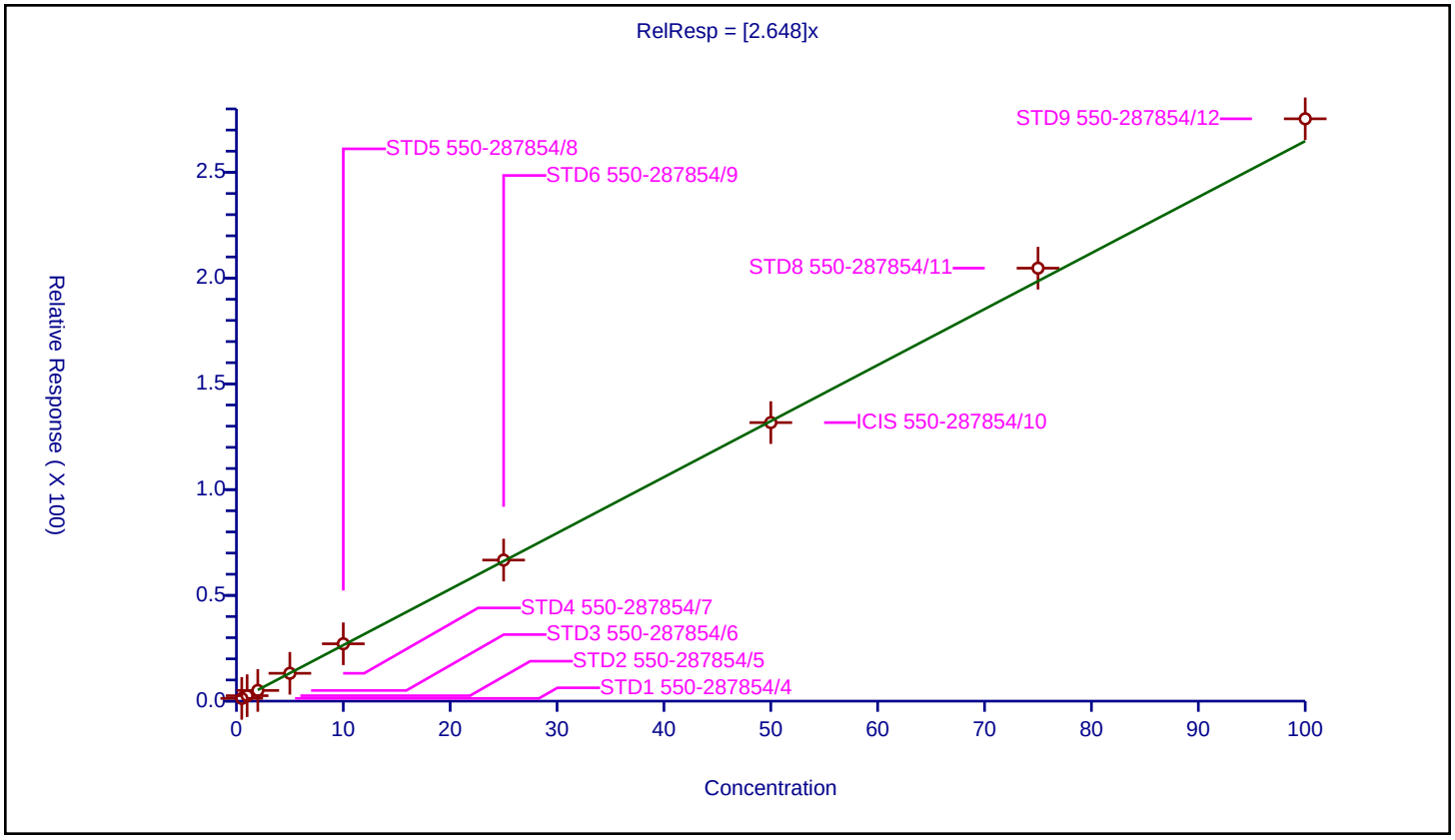
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

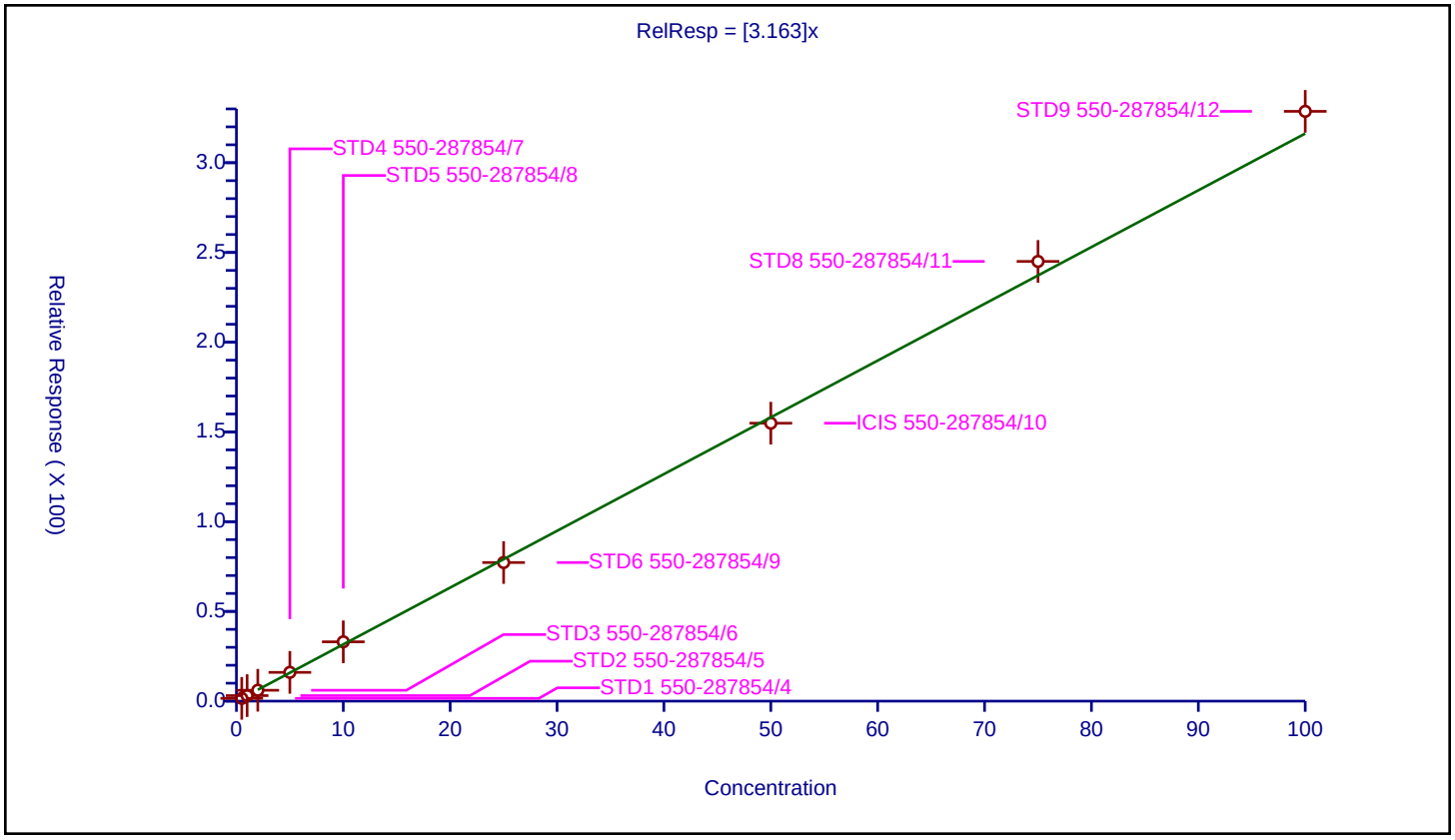
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

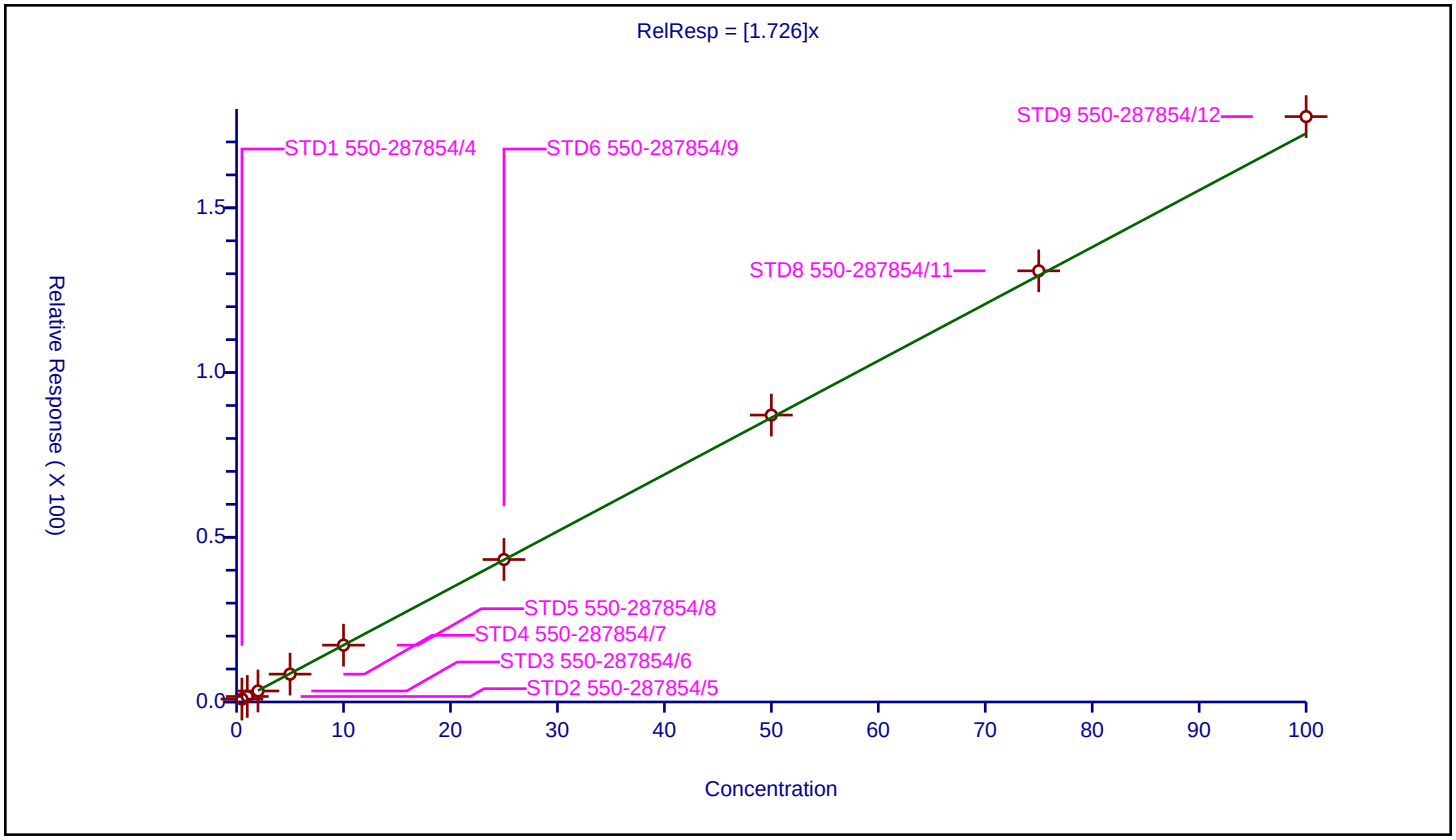
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

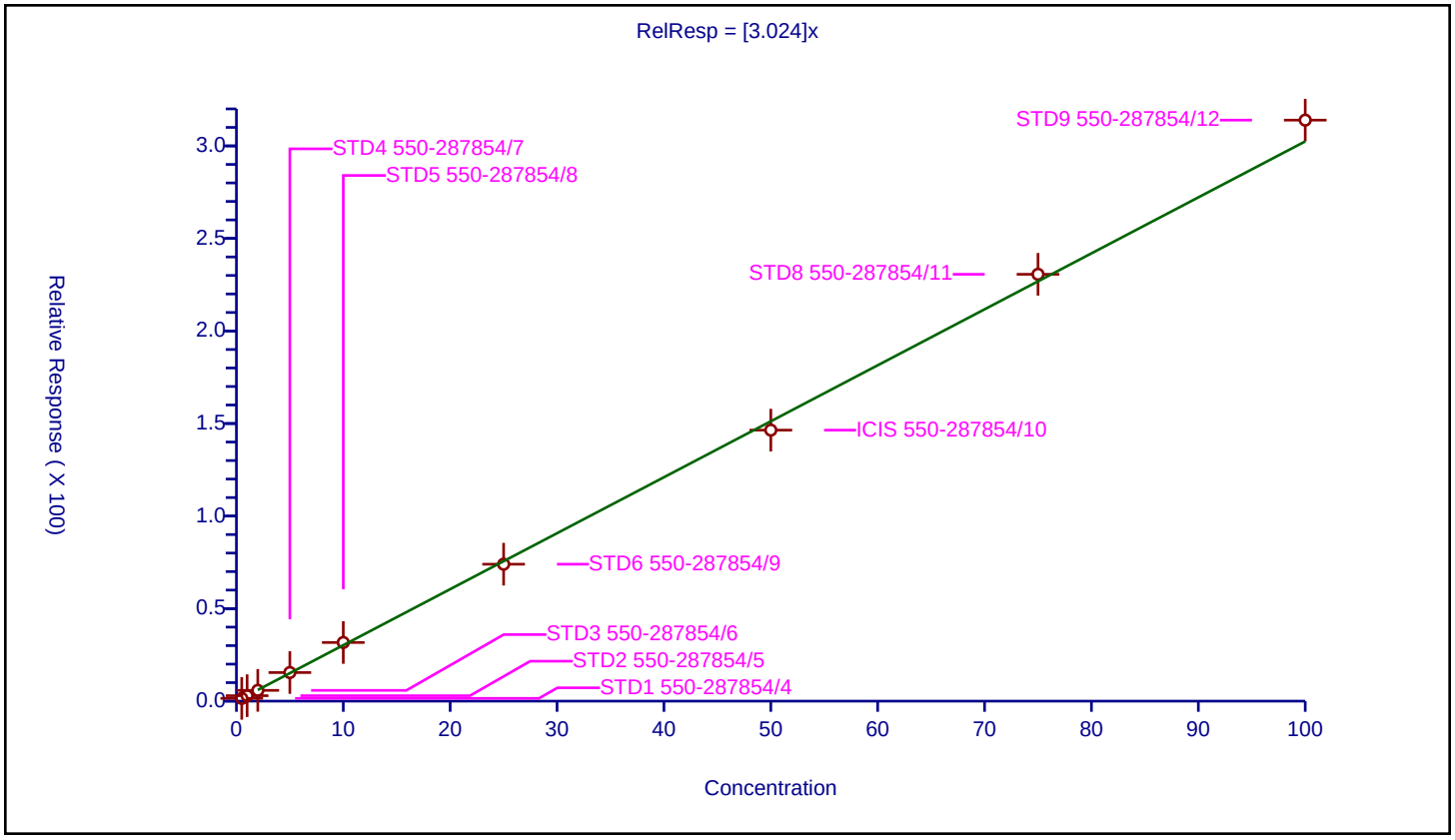
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

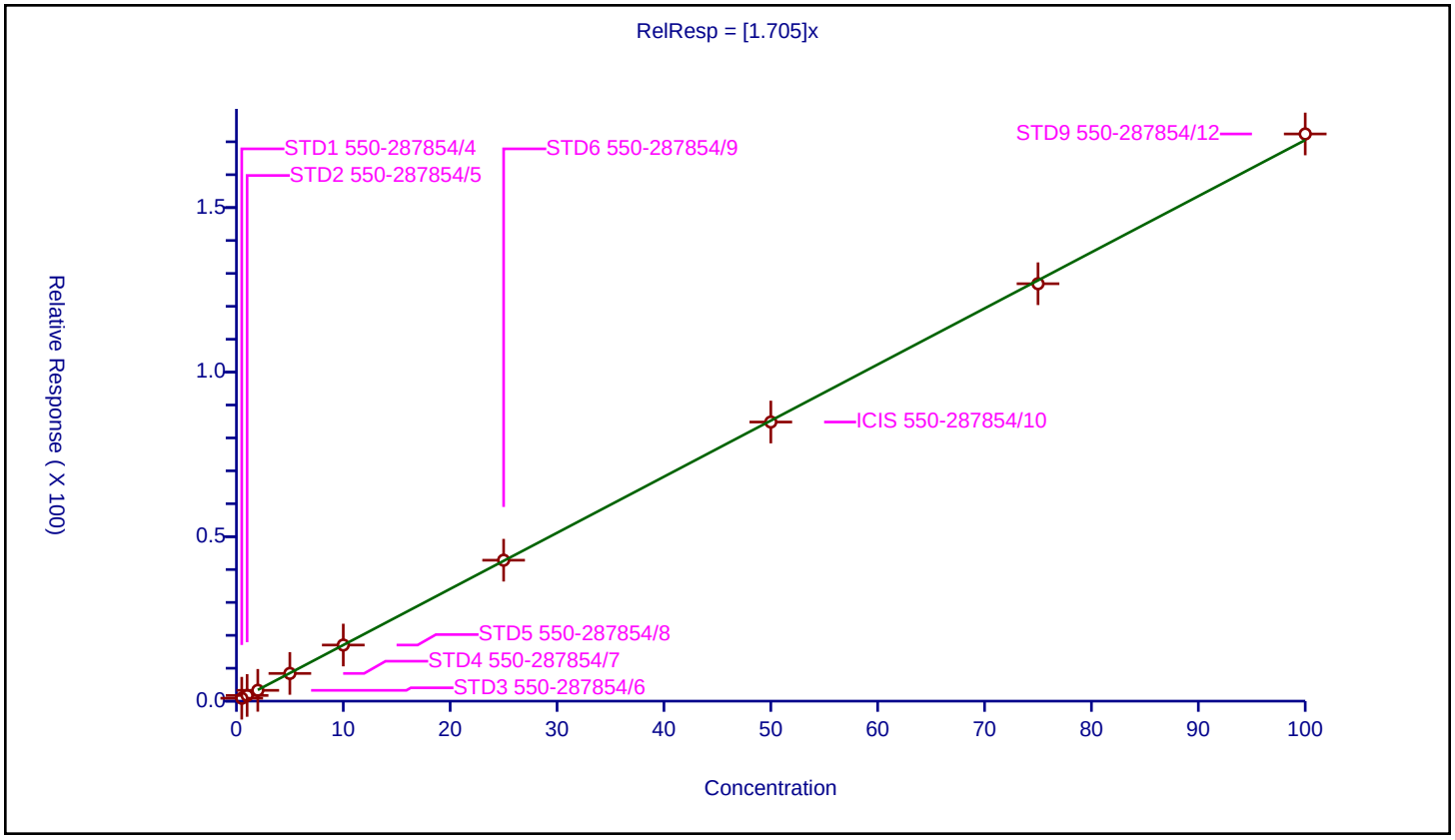
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

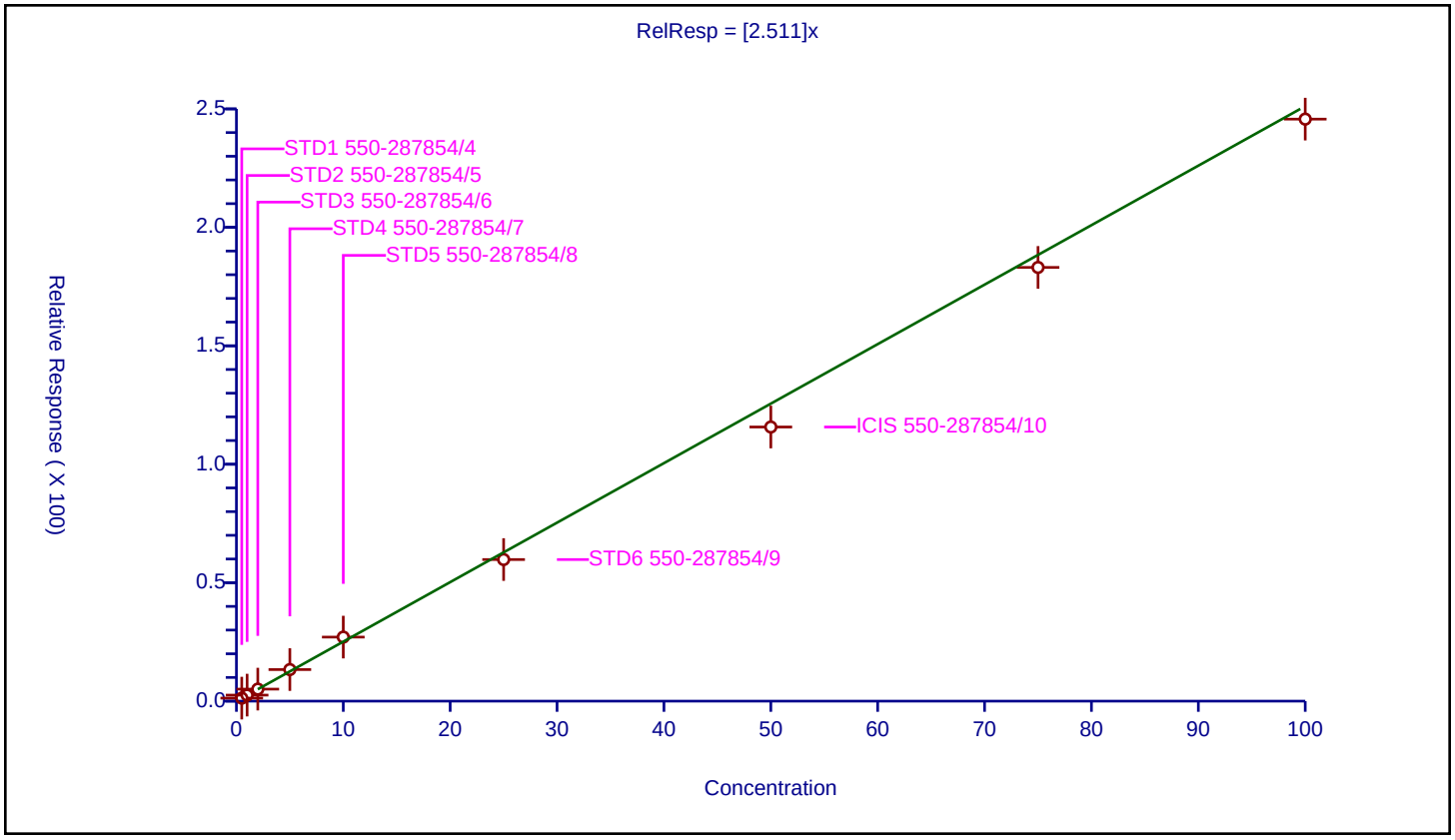
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

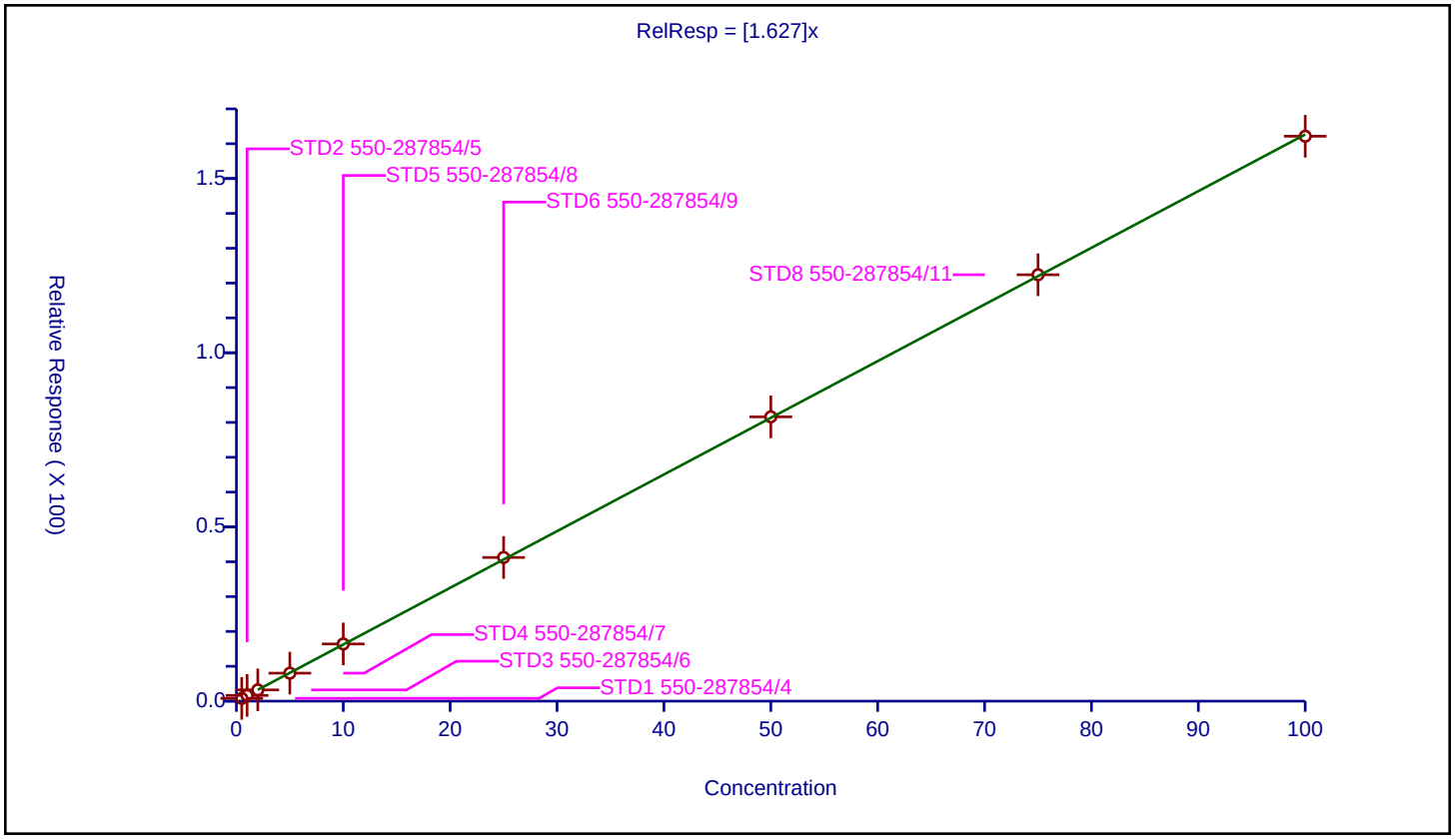
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

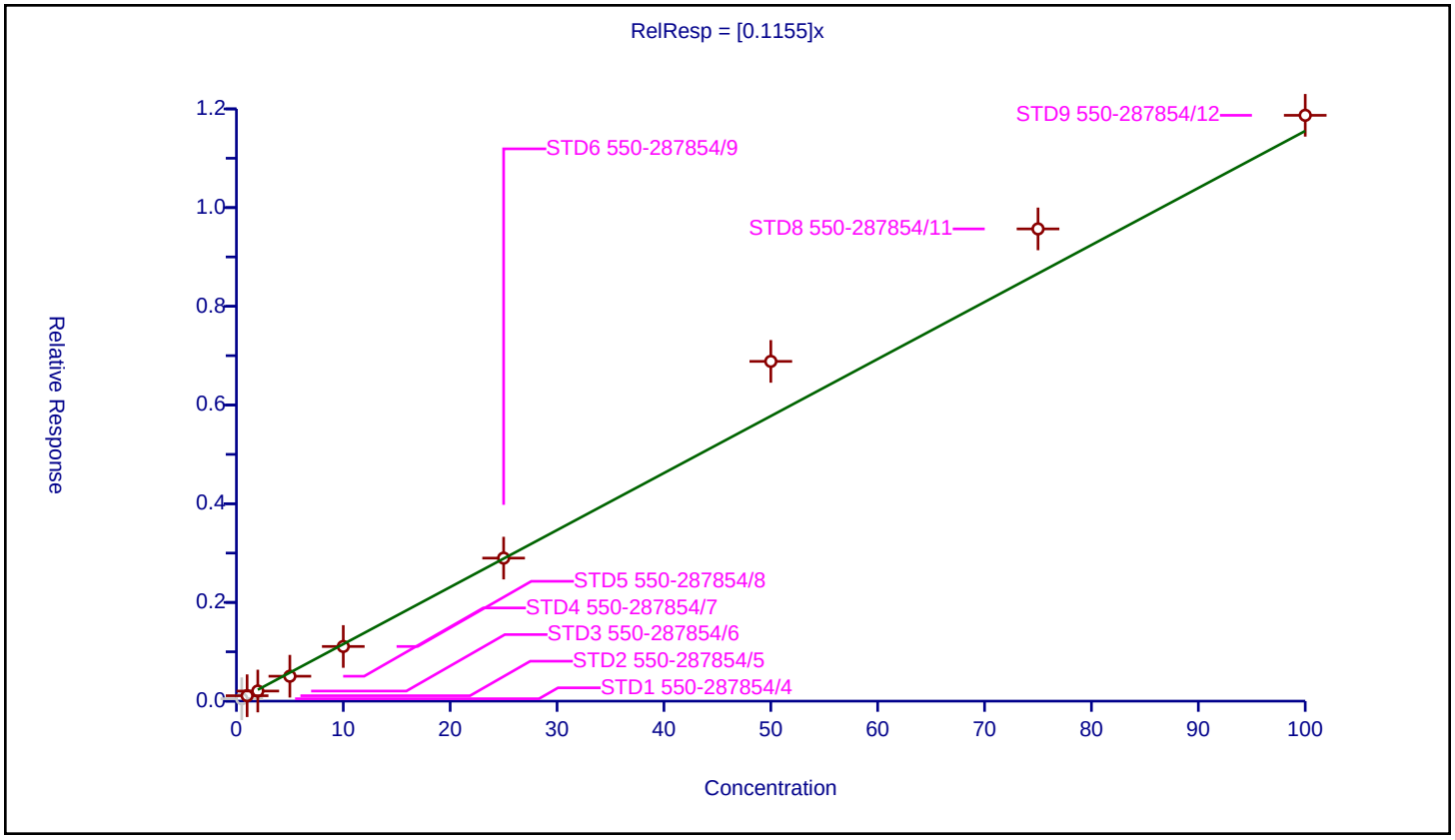
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

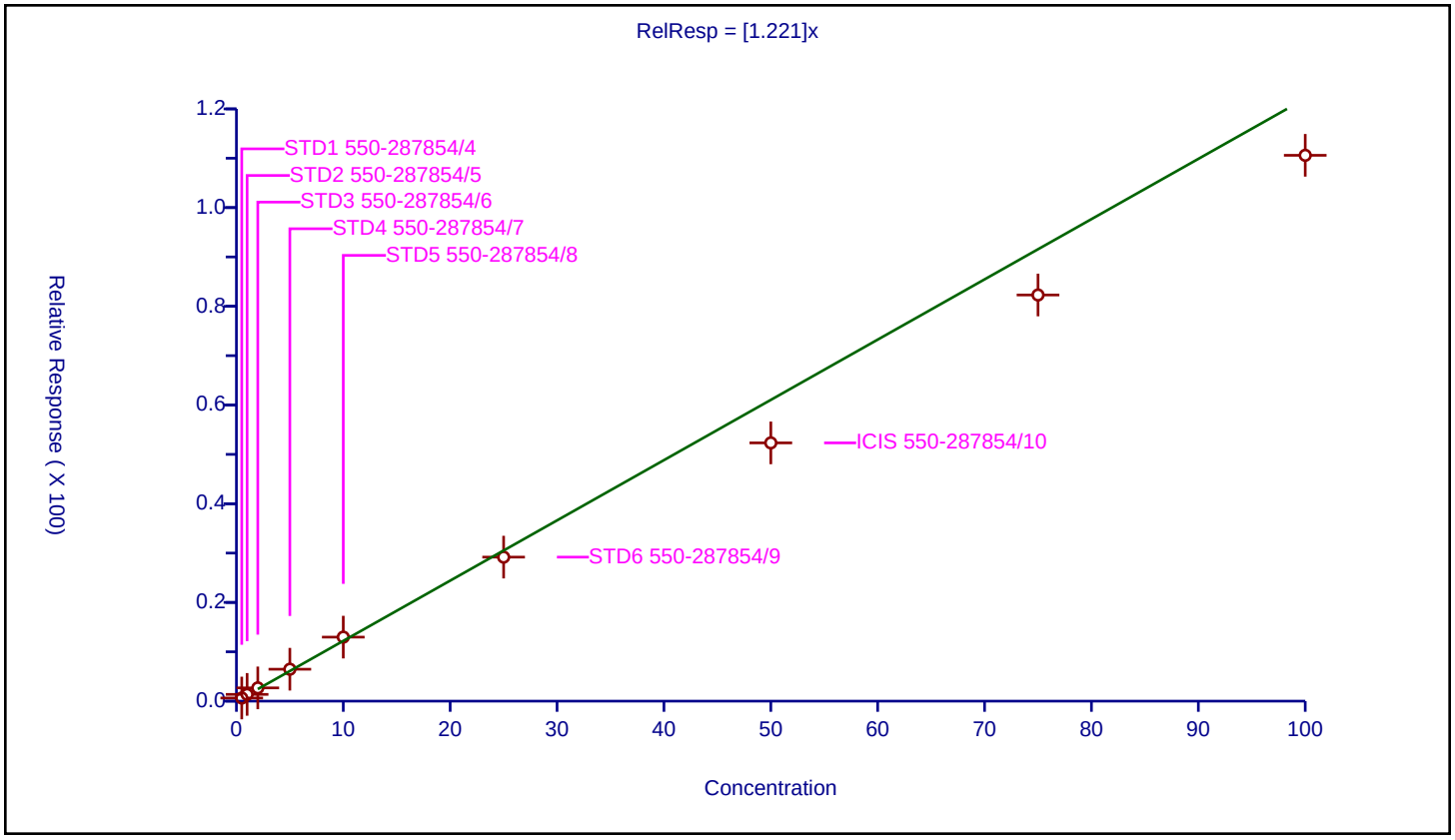
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

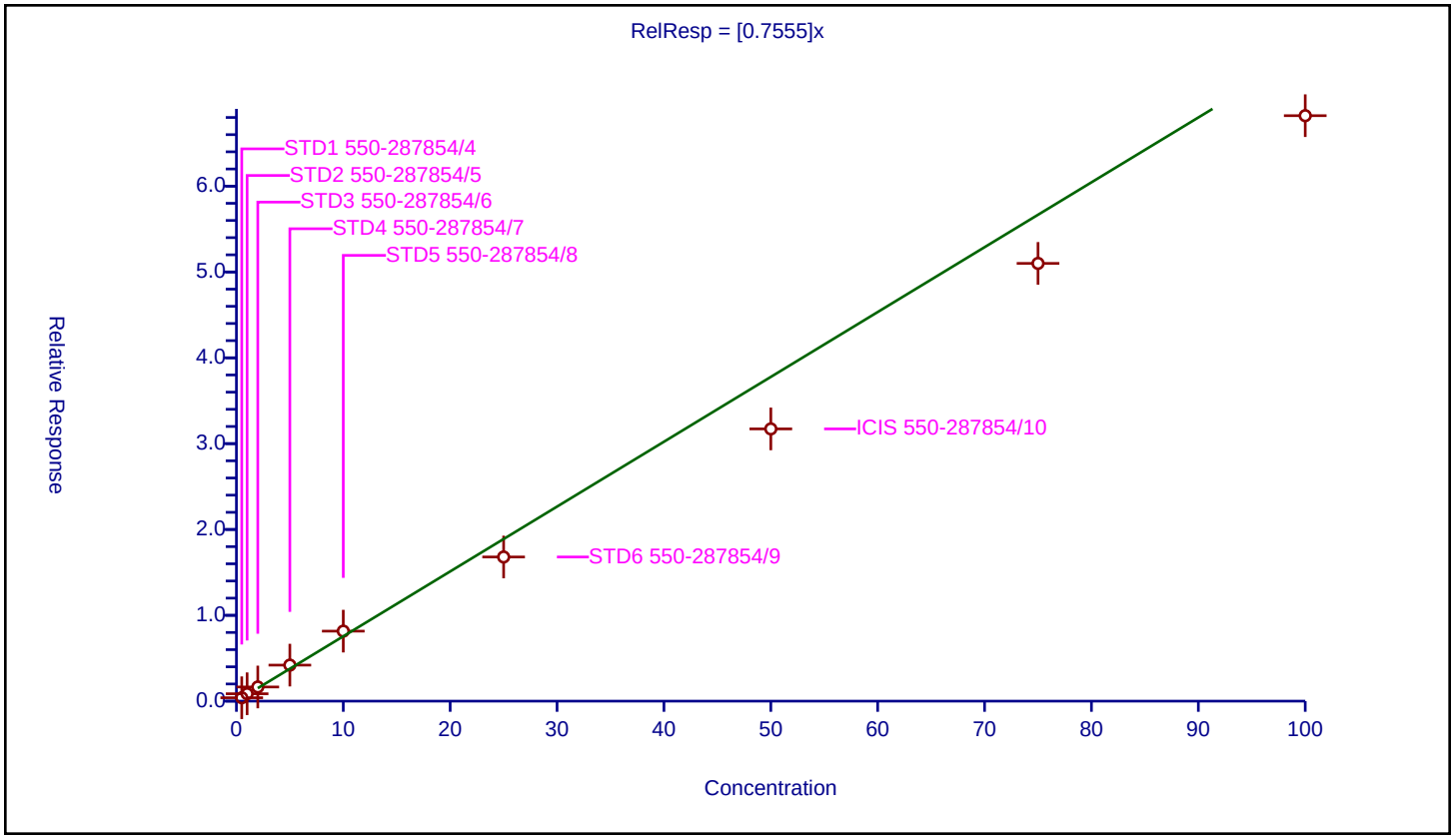
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

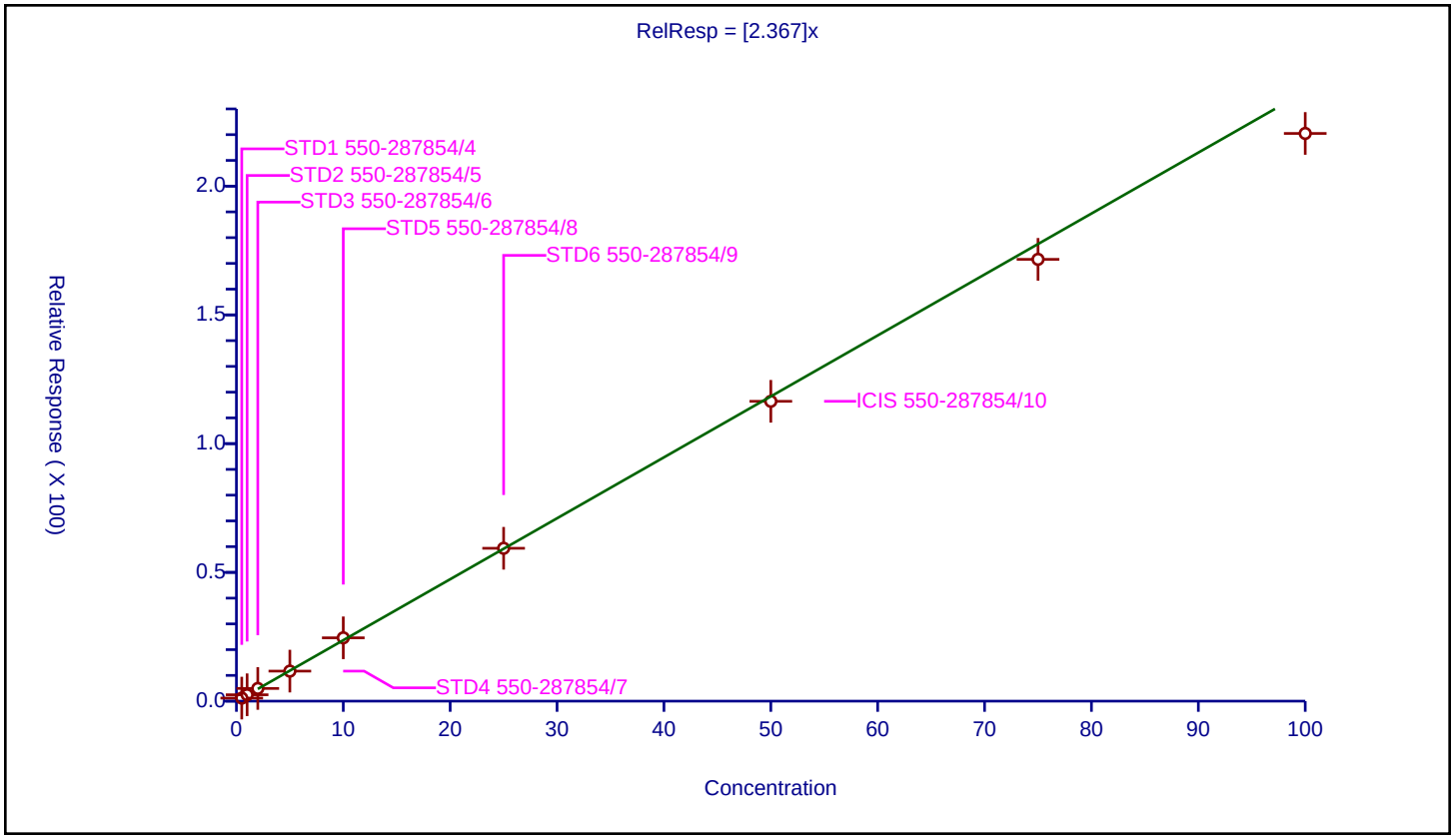
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

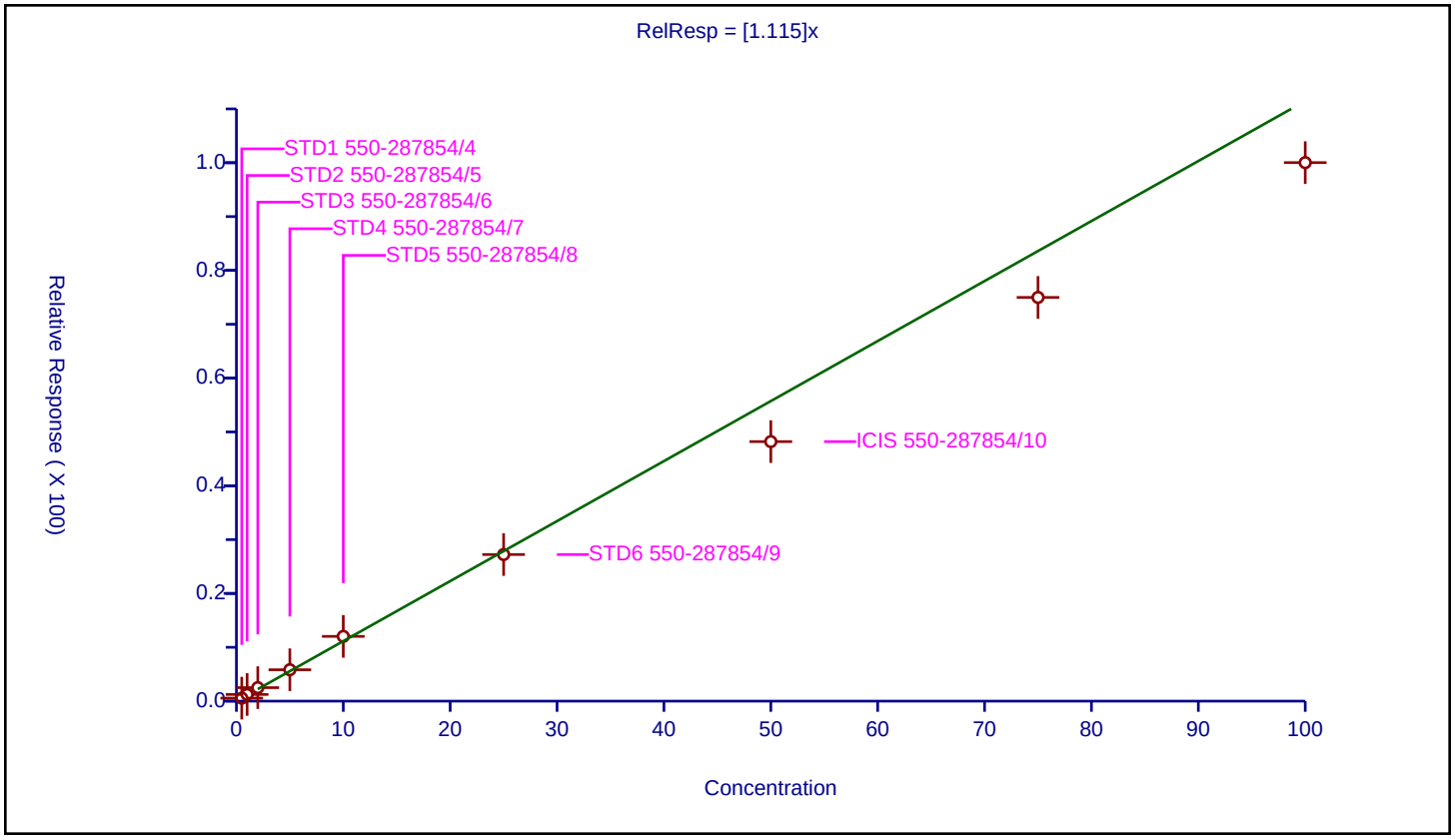
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3023		81.2	50.0	162*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5657		55.7	50.0	111	60-140
Chloromethane	Ave	0.4137	0.5160	0.1000	62.4	50.0	125	48-144
Vinyl chloride	Ave	0.3739	0.4408		58.9	50.0	118	80-120
Butadiene	Ave	0.3760	0.4684		62.3	50.0	125	50-141
Bromomethane	Ave	0.2173	0.2382		54.8	50.0	110	40-144
Chloroethane	Ave	0.2134	0.2519		59.0	50.0	118	60-132
Trichlorofluoromethane	Ave	0.5470	0.5677		51.9	50.0	104	68-136
Ethanol	Lin1		0.1062		862	1000	86	36-150
1,1-Dichloroethene	Ave	0.2971	0.3028		50.9	50.0	102	80-120
Freon 113	Ave	0.3046	0.3279		53.8	50.0	108	76-124
Acetone	Lin1		0.0805		45.0	50.0	90	12-150
Iodomethane	Ave	0.5343	0.6739		63.1	50.0	126	40-150
Carbon disulfide	Ave	0.8222	0.9883		60.1	50.0	120	64-136
Methylene Chloride	Lin1		0.2830		48.7	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.295		262	250	105	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6547		50.2	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3214		51.1	50.0	102	76-120
Hexane	Ave	0.3912	0.4498		57.5	50.0	115	56-150
1,1-Dichloroethane	Ave	0.4939	0.5107	0.1000	51.7	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0416		54.4	50.0	109	48-150
Isopropyl ether	Ave	0.7076	0.7547		53.3	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7111		51.7	50.0	103	72-140
2-Butanone (MEK)	Ave	0.0272	0.0280		51.5	50.0	103	44-150
2,2-Dichloropropane	Ave	0.4545	0.4900		53.9	50.0	108	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4192		45.6	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1515		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0340		49.0	50.0	98	64-139
Chloroform	Ave	0.5149	0.4979		48.3	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4985		50.3	50.0	101	72-132
Carbon tetrachloride	Ave	0.6413	0.6032		47.0	50.0	94	72-136
1,1-Dichloropropene	Ave	0.5271	0.5073		48.1	50.0	96	76-128
Benzene	Ave	1.525	1.423		46.7	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3917		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8524		47.2	50.0	94	68-140
Trichloroethene	Ave	0.4237	0.3935		46.4	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3169		46.7	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1917		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4440		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1570		45.7	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5265		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2395		49.2	50.0	98	60-144
Toluene	Ave	0.9499	0.9023		47.5	50.0	95	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4454		48.2	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2521		44.2	50.0	88	72-132
Tetrachloroethene	Ave	0.4284	0.3955		46.2	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4101		44.8	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1724		51.3	50.0	103	52-150
Chlorodibromomethane	Ave	0.3686	0.3320		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2647		45.0	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9907	0.3000	44.7	50.0	89	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3684		44.8	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.661		46.8	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.142		44.9	50.0	90	80-120
o-Xylene	Ave	1.271	1.133		44.6	50.0	89	72-128
Styrene	Ave	2.071	1.828		44.1	50.0	88	84-124
Bromoform	Lin1		0.3883	0.1000	37.5	50.0	75	68-132
Isopropylbenzene	Ave	3.305	3.011		45.5	50.0	91	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5231	0.3000	42.8	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7562		41.9	50.0	84	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0961		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1571		40.4	50.0	81	76-128
N-Propylbenzene	Ave	3.693	3.426		46.4	50.0	93	76-132
2-Chlorotoluene	Ave	2.491	2.296		46.1	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.561		46.2	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.008		45.3	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.310		46.2	50.0	92	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.425		45.8	50.0	92	80-128
sec-Butylbenzene	Ave	3.163	2.985		47.2	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.534		44.4	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.909		48.1	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.491		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.496		49.7	50.0	99	76-132
1,2-Dichlorobenzene	Ave	1.627	1.361		41.8	50.0	84	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.0990		42.9	50.0	86	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.038		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6781		44.9	50.0	90	76-132
Naphthalene	Ave	2.367	1.816		38.4	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8700		39.0	50.0	78	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2646		37.0	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.281		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7315		32.8	40.0	82	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: CCVIS 550-288595/2 Calibration Date: 11/14/2022 19:56

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2908		78.0	50.0	156*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5670		55.8	50.0	112	60-140
Chloromethane	Ave	0.4137	0.4732	0.1000	57.2	50.0	114	48-144
Vinyl chloride	Ave	0.3739	0.4255		56.9	50.0	114	80-120
Butadiene	Ave	0.3760	0.4433		59.0	50.0	118	50-141
Bromomethane	Ave	0.2173	0.2364		54.4	50.0	109	40-144
Chloroethane	Ave	0.2134	0.2331		54.6	50.0	109	60-132
Trichlorofluoromethane	Ave	0.5470	0.5828		53.3	50.0	107	68-136
Ethanol	Lin1		0.1023		830	1000	83	36-150
1,1-Dichloroethene	Ave	0.2971	0.3075		51.7	50.0	103	80-120
Freon 113	Ave	0.3046	0.3344		54.9	50.0	110	76-124
Acetone	Lin1		0.0926		52.0	50.0	104	12-150
Iodomethane	Ave	0.5343	0.5699		53.3	50.0	107	40-150
Carbon disulfide	Ave	0.8222	0.9546		58.1	50.0	116	64-136
Methylene Chloride	Lin1		0.2842		48.9	50.0	98	68-128
2-Methyl-2-propanol	Lin2		1.188		240	250	96	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6608		50.6	50.0	101	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3240		51.5	50.0	103	76-120
Hexane	Ave	0.3912	0.4566		58.4	50.0	117	56-150
1,1-Dichloroethane	Ave	0.4939	0.5129	0.1000	51.9	50.0	104	72-124
Vinyl acetate	Ave	0.0383	0.0354		46.3	50.0	93	48-150
Isopropyl ether	Ave	0.7076	0.7453		52.7	50.0	105	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7169		52.1	50.0	104	72-140
2-Butanone (MEK)	Ave	0.0272	0.0304		55.8	50.0	112	44-150
2,2-Dichloropropane	Ave	0.4545	0.4775		52.5	50.0	105	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4288		46.6	50.0	93	72-128
Chlorobromomethane	Ave	0.1603	0.1541		48.1	50.0	96	72-132
Tetrahydrofuran	Lin1		0.0358		51.7	50.0	103	64-139
Chloroform	Ave	0.5149	0.5078		49.3	50.0	99	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5033		50.8	50.0	102	72-132
Carbon tetrachloride	Ave	0.6413	0.6186		48.2	50.0	96	72-136
1,1-Dichloropropene	Ave	0.5271	0.5216		49.5	50.0	99	76-128
Benzene	Ave	1.525	1.439		47.2	50.0	94	76-120
1,2-Dichloroethane	Ave	0.4516	0.4021		44.5	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8620		47.8	50.0	96	68-140
Trichloroethene	Ave	0.4237	0.4119		48.6	50.0	97	80-120
1,2-Dichloropropane	Ave	0.3390	0.3210		47.3	50.0	95	80-120
Dibromomethane	Ave	0.2171	0.1977		45.5	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4531		46.3	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1597		46.5	50.0	93	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5262		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Lab Sample ID: CCVIS 550-288595/2 Calibration Date: 11/14/2022 19:56

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2521		51.7	50.0	103	60-144
Toluene	Ave	0.9499	0.8973		47.2	50.0	94	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4428		47.9	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2600		45.6	50.0	91	72-132
Tetrachloroethene	Ave	0.4284	0.4094		47.8	50.0	96	76-128
1,3-Dichloropropane	Ave	0.4577	0.4271		46.7	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1877		55.9	50.0	112	52-150
Chlorodibromomethane	Ave	0.3686	0.3422		46.4	50.0	93	80-128
1,2-Dibromoethane	Ave	0.2938	0.2763		47.0	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.005	0.3000	45.3	50.0	91	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3747		45.5	50.0	91	76-124
Ethylbenzene	Ave	1.773	1.691		47.7	50.0	95	80-120
m-Xylene & p-Xylene	Ave	1.271	1.182		46.5	50.0	93	80-120
o-Xylene	Ave	1.271	1.179		46.4	50.0	93	72-128
Styrene	Ave	2.071	1.884		45.5	50.0	91	84-124
Bromoform	Lin1		0.3979	0.1000	38.4	50.0	77	68-132
Isopropylbenzene	Ave	3.305	3.181		48.1	50.0	96	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5505	0.3000	45.1	50.0	90	68-132
Bromobenzene	Ave	0.9030	0.7945		44.0	50.0	88	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1020		39.4	50.0	79	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1738		44.7	50.0	89	76-128
N-Propylbenzene	Ave	3.693	3.495		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.327		46.7	50.0	93	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.510		45.3	50.0	91	80-128
4-Chlorotoluene	Ave	2.214	1.999		45.1	50.0	90	80-124
tert-Butylbenzene	Ave	2.497	2.383		47.7	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.396		45.3	50.0	91	80-128
sec-Butylbenzene	Ave	3.163	3.003		47.5	50.0	95	80-128
1,3-Dichlorobenzene	Ave	1.726	1.550		44.9	50.0	90	80-124
4-Isopropyltoluene	Ave	3.024	2.882		47.6	50.0	95	80-128
1,4-Dichlorobenzene	Ave	1.705	1.521		44.6	50.0	89	76-120
n-Butylbenzene	Ave	2.511	2.439		48.5	50.0	97	76-132
1,2-Dichlorobenzene	Ave	1.627	1.428		43.9	50.0	88	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1126		48.7	50.0	97	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.037		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6674		44.2	50.0	88	76-132
Naphthalene	Ave	2.367	2.071		43.7	50.0	87	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9030		40.5	50.0	81	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2625		36.7	40.0	92	80-120
Toluene-d8 (Surr)	Ave	1.453	1.301		35.8	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7412		33.3	40.0	83	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.52	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288554/6

Matrix: Water Lab File ID: 11142206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288595/6

Matrix: Water | Lab File ID: 11142236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288595/6

Matrix: Water | Lab File ID: 11142236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288595/6

Matrix: Water Lab File ID: 11142236.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.4		2.0	0.49
107-06-2	1,2-Dichloroethane	44.2		2.0	0.53
78-87-5	1,2-Dichloropropane	46.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	45.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.0		10	1.2
67-64-1	Acetone	43.6		20	9.8
71-43-2	Benzene	46.2		2.0	0.52
108-86-1	Bromobenzene	42.4		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	56.7		10	5.2
75-15-0	Carbon disulfide	58.4		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	60.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.4		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	46.0		2.0	0.50
76-13-1	Freon 113	52.4		5.0	0.53
87-68-3	Hexachlorobutadiene	45.8		5.0	1.4
74-88-4	Iodomethane	55.9		2.0	0.53
98-82-8	Isopropylbenzene	46.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.5		5.0	2.2
104-51-8	n-Butylbenzene	48.3		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	47.0		2.0	0.51
135-98-8	sec-Butylbenzene	46.4		5.0	0.48
100-42-5	Styrene	44.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	45.9		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.1		2.0	0.65
79-01-6	Trichloroethene	46.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.3		5.0	0.63
108-05-4	Vinyl acetate	57.6		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288595/3

Matrix: Water | Lab File ID: 11142233.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.6		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.4		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.5		2.0	0.54
75-34-3	1,1-Dichloroethane	52.6		2.0	0.49
75-35-4	1,1-Dichloroethene	52.3		5.0	0.54
563-58-6	1,1-Dichloropropene	49.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	41.3		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.6		10	3.5
120-82-1	1,2,4-Trichlorobenzene	43.0		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.2		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.1		5.0	3.8
106-93-4	1,2-Dibromoethane	46.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.3		2.0	0.49
107-06-2	1,2-Dichloroethane	45.2		2.0	0.53
78-87-5	1,2-Dichloropropane	47.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	45.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	45.1		2.0	0.48
142-28-9	1,3-Dichloropropane	45.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.2		2.0	0.57
78-93-3	2-Butanone (MEK)	54.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	55.0		10	3.3
106-43-4	4-Chlorotoluene	45.5		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.7		10	1.2
67-64-1	Acetone	53.4		20	9.8
71-43-2	Benzene	47.7		2.0	0.52
108-86-1	Bromobenzene	44.8		5.0	0.49
74-97-5	Chlorobromomethane	49.0		5.0	0.48
75-27-4	Dichlorobromomethane	46.7		2.0	0.50
75-25-2	Bromoform	39.8		5.0	0.64
74-83-9	Bromomethane	56.4		10	5.2
75-15-0	Carbon disulfide	59.2		5.0	1.8
56-23-5	Carbon tetrachloride	48.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288595/3

Matrix: Water Lab File ID: 11142233.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.2		2.0	0.48
75-00-3	Chloroethane	57.8		5.0	0.62
67-66-3	Chloroform	50.1		2.0	0.48
74-87-3	Chloromethane	53.3		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.6		2.0	0.46
124-48-1	Chlorodibromomethane	46.0		2.0	0.47
74-95-3	Dibromomethane	45.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.6		5.0	0.84
100-41-4	Ethylbenzene	47.3		2.0	0.50
76-13-1	Freon 113	55.3		5.0	0.53
87-68-3	Hexachlorobutadiene	46.2		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	48.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	47.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	50.1		5.0	4.4
91-20-3	Naphthalene	44.4		5.0	2.2
104-51-8	n-Butylbenzene	49.1		5.0	0.55
103-65-1	N-Propylbenzene	47.8		2.0	0.49
95-47-6	o-Xylene	47.3		5.0	0.47
99-87-6	4-Isopropyltoluene	48.5		2.0	0.51
135-98-8	sec-Butylbenzene	48.8		5.0	0.48
100-42-5	Styrene	46.7		2.0	0.49
98-06-6	tert-Butylbenzene	47.7		5.0	0.45
127-18-4	Tetrachloroethene	47.2		2.0	0.48
108-88-3	Toluene	47.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.6		2.0	0.65
79-01-6	Trichloroethene	47.5		2.0	0.54
75-69-4	Trichlorofluoromethane	53.2		5.0	0.63
108-05-4	Vinyl acetate	49.4		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288595/3

Matrix: Water Lab File ID: 11142233.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.9		2.0	0.54
75-34-3	1,1-Dichloroethane	51.3		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	40.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.9		2.0	0.49
107-06-2	1,2-Dichloroethane	44.8		2.0	0.53
78-87-5	1,2-Dichloropropane	46.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	53.9		2.0	0.57
78-93-3	2-Butanone (MEK)	59.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.1		10	3.3
106-43-4	4-Chlorotoluene	45.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.9		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.0		5.0	0.49
74-97-5	Chlorobromomethane	48.7		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	56.3		10	5.2
75-15-0	Carbon disulfide	58.6		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.7		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	49.0		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	43.8		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.6		5.0	2.2
104-51-8	n-Butylbenzene	48.5		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	44.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.4		2.0	0.51
135-98-8	sec-Butylbenzene	46.1		5.0	0.48
100-42-5	Styrene	44.2		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	46.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.0		2.0	0.65
79-01-6	Trichloroethene	45.9		2.0	0.54
75-69-4	Trichlorofluoromethane	51.0		5.0	0.63
108-05-4	Vinyl acetate	57.8		25	4.1
75-01-4	Vinyl chloride	57.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288554/4

Matrix: Water Lab File ID: 11142204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	52.5		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.5		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.5		2.0	0.54
75-34-3	1,1-Dichloroethane	52.3		2.0	0.49
75-35-4	1,1-Dichloroethene	52.9		5.0	0.54
563-58-6	1,1-Dichloropropene	50.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	43.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	48.8		5.0	3.8
106-93-4	1,2-Dibromoethane	46.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.2		2.0	0.49
107-06-2	1,2-Dichloroethane	44.4		2.0	0.53
78-87-5	1,2-Dichloropropane	47.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.6		2.0	0.48
142-28-9	1,3-Dichloropropane	46.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.1		2.0	0.51
594-20-7	2,2-Dichloropropane	53.2		2.0	0.57
78-93-3	2-Butanone (MEK)	57.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	54.7		10	3.3
106-43-4	4-Chlorotoluene	45.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.8		10	1.2
67-64-1	Acetone	51.4		20	9.8
71-43-2	Benzene	47.2		2.0	0.52
108-86-1	Bromobenzene	43.3		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.0		5.0	0.64
74-83-9	Bromomethane	54.8		10	5.2
75-15-0	Carbon disulfide	60.0		5.0	1.8
56-23-5	Carbon tetrachloride	49.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.6		2.0	0.48
75-00-3	Chloroethane	56.0		5.0	0.62
67-66-3	Chloroform	49.6		2.0	0.48
74-87-3	Chloromethane	51.1		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	46.0		2.0	0.46
124-48-1	Chlorodibromomethane	45.0		2.0	0.47
74-95-3	Dibromomethane	45.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.7		5.0	0.84
100-41-4	Ethylbenzene	48.3		2.0	0.50
76-13-1	Freon 113	57.0		5.0	0.53
87-68-3	Hexachlorobutadiene	50.8		5.0	1.4
74-88-4	Iodomethane	53.4		2.0	0.53
98-82-8	Isopropylbenzene	49.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	47.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	50.9		1.0	0.52
75-09-2	Methylene Chloride	49.3		5.0	4.4
91-20-3	Naphthalene	45.5		5.0	2.2
104-51-8	n-Butylbenzene	52.4		5.0	0.55
103-65-1	N-Propylbenzene	48.7		2.0	0.49
95-47-6	o-Xylene	46.7		5.0	0.47
99-87-6	4-Isopropyltoluene	51.0		2.0	0.51
135-98-8	sec-Butylbenzene	51.4		5.0	0.48
100-42-5	Styrene	45.6		2.0	0.49
98-06-6	tert-Butylbenzene	50.7		5.0	0.45
127-18-4	Tetrachloroethene	48.3		2.0	0.48
108-88-3	Toluene	47.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	46.7		2.0	0.65
79-01-6	Trichloroethene	48.7		2.0	0.54
75-69-4	Trichlorofluoromethane	54.5		5.0	0.63
108-05-4	Vinyl acetate	48.8		25	4.1
75-01-4	Vinyl chloride	58.7		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MS | Lab Sample ID: 550-193178-10 MS

Matrix: Water | Lab File ID: 11142238.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	45.4		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	52.6		2.0	0.49
75-35-4	1,1-Dichloroethene	52.7		5.0	0.54
563-58-6	1,1-Dichloropropene	49.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	39.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.8		10	3.5
120-82-1	1,2,4-Trichlorobenzene	41.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.5		5.0	3.8
106-93-4	1,2-Dibromoethane	46.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.2		2.0	0.49
107-06-2	1,2-Dichloroethane	44.9		2.0	0.53
78-87-5	1,2-Dichloropropane	46.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	45.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.3		2.0	0.51
594-20-7	2,2-Dichloropropane	52.1		2.0	0.57
78-93-3	2-Butanone (MEK)	52.9		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.0		10	3.3
106-43-4	4-Chlorotoluene	45.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	50.2		10	1.2
67-64-1	Acetone	45.8		20	9.8
71-43-2	Benzene	47.3		2.0	0.52
108-86-1	Bromobenzene	43.4		5.0	0.49
74-97-5	Chlorobromomethane	48.3		5.0	0.48
75-27-4	Dichlorobromomethane	46.2		2.0	0.50
75-25-2	Bromoform	39.3		5.0	0.64
74-83-9	Bromomethane	53.2		10	5.2
75-15-0	Carbon disulfide	59.9		5.0	1.8
56-23-5	Carbon tetrachloride	48.9		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MS | Lab Sample ID: 550-193178-10 MS

Matrix: Water | Lab File ID: 11142238.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.5		2.0	0.48
75-00-3	Chloroethane	56.4		5.0	0.62
67-66-3	Chloroform	50.0		2.0	0.48
74-87-3	Chloromethane	58.6		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.6		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.3		2.0	0.46
124-48-1	Chlorodibromomethane	46.4		2.0	0.47
74-95-3	Dibromomethane	45.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	57.1		5.0	0.84
100-41-4	Ethylbenzene	47.8		2.0	0.50
76-13-1	Freon 113	56.1		5.0	0.53
87-68-3	Hexachlorobutadiene	45.6		5.0	1.4
74-88-4	Iodomethane	52.7		2.0	0.53
98-82-8	Isopropylbenzene	47.9		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	49.6		1.0	0.52
75-09-2	Methylene Chloride	48.9		5.0	4.4
91-20-3	Naphthalene	41.3		5.0	2.2
104-51-8	n-Butylbenzene	49.5		5.0	0.55
103-65-1	N-Propylbenzene	47.9		2.0	0.49
95-47-6	o-Xylene	46.1		5.0	0.47
99-87-6	4-Isopropyltoluene	48.8		2.0	0.51
135-98-8	sec-Butylbenzene	48.6		5.0	0.48
100-42-5	Styrene	45.5		2.0	0.49
98-06-6	tert-Butylbenzene	47.8		5.0	0.45
127-18-4	Tetrachloroethene	76.5		2.0	0.48
108-88-3	Toluene	47.8		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.5		2.0	0.65
79-01-6	Trichloroethene	59.7		2.0	0.54
75-69-4	Trichlorofluoromethane	54.0		5.0	0.63
108-05-4	Vinyl acetate	55.6		25	4.1
75-01-4	Vinyl chloride	58.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MS | Lab Sample ID: 550-193178-10 MS

Matrix: Water | Lab File ID: 11142238.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MSD | Lab Sample ID: 550-193178-10 MSD

Matrix: Water | Lab File ID: 11142239.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.0		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	45.5		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.4		2.0	0.54
75-34-3	1,1-Dichloroethane	52.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.7		5.0	0.54
563-58-6	1,1-Dichloropropene	48.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	41.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.3		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.1		5.0	3.8
106-93-4	1,2-Dibromoethane	46.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.1		2.0	0.49
107-06-2	1,2-Dichloroethane	44.9		2.0	0.53
78-87-5	1,2-Dichloropropane	47.7		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	45.4		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.8		2.0	0.48
142-28-9	1,3-Dichloropropane	46.0		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	50.7		2.0	0.57
78-93-3	2-Butanone (MEK)	50.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	51.1		10	3.3
106-43-4	4-Chlorotoluene	45.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.6		10	1.2
67-64-1	Acetone	43.3		20	9.8
71-43-2	Benzene	47.2		2.0	0.52
108-86-1	Bromobenzene	44.2		5.0	0.49
74-97-5	Chlorobromomethane	48.6		5.0	0.48
75-27-4	Dichlorobromomethane	46.6		2.0	0.50
75-25-2	Bromoform	39.5		5.0	0.64
74-83-9	Bromomethane	53.1		10	5.2
75-15-0	Carbon disulfide	57.9		5.0	1.8
56-23-5	Carbon tetrachloride	46.9		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MSD | Lab Sample ID: 550-193178-10 MSD

Matrix: Water | Lab File ID: 11142239.D

Analysis Method: 8260B | Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 22:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.3		2.0	0.48
75-00-3	Chloroethane	55.3		5.0	0.62
67-66-3	Chloroform	49.5		2.0	0.48
74-87-3	Chloromethane	57.8		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	48.0		2.0	0.46
124-48-1	Chlorodibromomethane	46.5		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	54.3		5.0	0.84
100-41-4	Ethylbenzene	46.7		2.0	0.50
76-13-1	Freon 113	53.3		5.0	0.53
87-68-3	Hexachlorobutadiene	44.1		5.0	1.4
74-88-4	Iodomethane	51.9		2.0	0.53
98-82-8	Isopropylbenzene	47.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	50.3		1.0	0.52
75-09-2	Methylene Chloride	49.5		5.0	4.4
91-20-3	Naphthalene	43.6		5.0	2.2
104-51-8	n-Butylbenzene	47.2		5.0	0.55
103-65-1	N-Propylbenzene	46.5		2.0	0.49
95-47-6	o-Xylene	46.3		5.0	0.47
99-87-6	4-Isopropyltoluene	46.8		2.0	0.51
135-98-8	sec-Butylbenzene	46.9		5.0	0.48
100-42-5	Styrene	45.3		2.0	0.49
98-06-6	tert-Butylbenzene	46.3		5.0	0.45
127-18-4	Tetrachloroethene	72.5		2.0	0.48
108-88-3	Toluene	47.3		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.9		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.9		2.0	0.65
79-01-6	Trichloroethene	59.1		2.0	0.54
75-69-4	Trichlorofluoromethane	51.8		5.0	0.63
108-05-4	Vinyl acetate	51.8		25	4.1
75-01-4	Vinyl chloride	56.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Client Sample ID: R-08_I2-11-2022 MSD Lab Sample ID: 550-193178-10 MSD

Matrix: Water Lab File ID: 11142239.D

Analysis Method: 8260B Date Collected: 11/03/2022 12:00

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 22:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 08:37

Analysis Batch Number: 288554 End Date: 11/14/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288554/1		11/14/2022 08:37	1	11142201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288554/2		11/14/2022 09:28	1	11142202.D	Rxi-624Sil 0.25(mm)
LCS 550-288554/3		11/14/2022 09:49	1	11142203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288554/4		11/14/2022 10:10	1	11142204.D	Rxi-624Sil 0.25(mm)
MB 550-288554/6		11/14/2022 10:52	1	11142206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:13	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:34	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:55	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 13:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:21	1		Rxi-624Sil 0.25(mm)
550-193178-1	EWMW-4A_11-2022	11/14/2022 14:42	1	11142217.D	Rxi-624Sil 0.25(mm)
550-193178-3	R-04-S2_11-2022	11/14/2022 15:03	1	11142218.D	Rxi-624Sil 0.25(mm)
550-193178-4	SMW-4S_11-2022	11/14/2022 15:24	1	11142219.D	Rxi-624Sil 0.25(mm)
550-193178-5	R-08A_I1_11-2022	11/14/2022 15:45	1	11142220.D	Rxi-624Sil 0.25(mm)
550-193178-6	R-925_11-2022	11/14/2022 16:06	1	11142221.D	Rxi-624Sil 0.25(mm)
550-193178-7	R-08_D1-11-2022	11/14/2022 16:27	1	11142222.D	Rxi-624Sil 0.25(mm)
550-193178-8	TB_03_11-2022	11/14/2022 16:48	1	11142223.D	Rxi-624Sil 0.25(mm)
550-193178-9	EB-01_11-2022	11/14/2022 17:09	1	11142224.D	Rxi-624Sil 0.25(mm)
550-193178-2	SMW-6D_11-2022	11/14/2022 17:30	1	11142225.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 19:15

Analysis Batch Number: 288595 End Date: 11/15/2022 04:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288595/1		11/14/2022 19:15	1	11142230.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288595/2		11/14/2022 19:56	1	11142232.D	Rxi-624Sil 0.25(mm)
LCS 550-288595/3		11/14/2022 20:18	1	11142233.D	Rxi-624Sil 0.25(mm)
LCSD 550-288595/4		11/14/2022 20:39	1	11142234.D	Rxi-624Sil 0.25(mm)
MB 550-288595/6		11/14/2022 21:20	1	11142236.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 21:41	1		Rxi-624Sil 0.25(mm)
550-193178-10 MS	R-08_I2-11-2022 MS	11/14/2022 22:02	1	11142238.D	Rxi-624Sil 0.25(mm)
550-193178-10 MSD	R-08_I2-11-2022 MSD	11/14/2022 22:23	1	11142239.D	Rxi-624Sil 0.25(mm)
550-193178-10	R-08_I2-11-2022	11/14/2022 22:44	1	11142240.D	Rxi-624Sil 0.25(mm)
550-193178-11	R-20_11-2022	11/14/2022 23:05	1	11142241.D	Rxi-624Sil 0.25(mm)
550-193178-12	M-20-11-2022	11/14/2022 23:26	1	11142242.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 23:47	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 00:08	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 00:29	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 00:50	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 01:11	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 01:32	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 01:53	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:14	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:35	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:56	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 03:17	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 03:38	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 03:59	20000		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 04:20	20000		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288554/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288554/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288554/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288554/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288554/6		8260B		10 mL	10 mL				
550-193178-A-1	EWMW-4A_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-3	R-04-S2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-4	SMW-4S_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-5	R-08A_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-6	R-925_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-7	R-08_D1-11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-8	TB_03_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-9	EB-01_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193178-A-2	SMW-06D_11-2022	8260B	T	10 mL	10 mL	5 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288554/1		8260B							
CCVIS 550-288554/2		8260B			5 uL				
LCS 550-288554/3		8260B			5 uL				
LCSD 550-288554/4		8260B			5 uL				
MB 550-288554/6		8260B		5 uL					
550-193178-A-1	EWMW-4A_11-2022	8260B	T	5 uL					
550-193178-A-3	R-04-S2_11-2022	8260B	T	5 uL					
550-193178-A-4	SMW-4S_11-2022	8260B	T	5 uL					
550-193178-A-5	R-08A_I1_11-2022	8260B	T	5 uL					
550-193178-A-6	R-925_11-2022	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
550-193178-A-7	R-08_D1-11-2022	8260B	T	5 uL					
550-193178-A-8	TB_03_11-2022	8260B	T	5 uL					
550-193178-A-9	EB-01_11-2022	8260B	T	5 uL					
550-193178-A-2	SMW-06D_11-2022	8260B	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 288595 Batch Start Date: 11/14/22 19:15 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222	MV_IS/SRE 00165
BFB 550-288595/1		8260B		2 uL	10 mL		2 uL		
CCVIS 550-288595/2		8260B		10 mL	10 mL	10 uL		10 uL	
LCS 550-288595/3		8260B		10 mL	10 mL	10 uL		10 uL	
LCSD 550-288595/4		8260B		10 mL	10 mL	10 uL		10 uL	
MB 550-288595/6		8260B		10 mL	10 mL				5 uL
550-193178-A-10 MS	R-08_I2-11-2022	8260B	T	10 mL	10 mL	10 uL		10 uL	
550-193178-A-10 MSD	R-08_I2-11-2022	8260B	T	10 mL	10 mL	10 uL		10 uL	
550-193178-A-10	R-08_I2-11-2022	8260B	T	10 mL	10 mL				5 uL
550-193178-A-11	R-20_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193178-A-12	M-20-11-2022	8260B	T	10 mL	10 mL				5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_ISRE 00322					
BFB 550-288595/1		8260B							
CCVIS 550-288595/2		8260B		5 uL					
LCS 550-288595/3		8260B		5 uL					
LCSD 550-288595/4		8260B		5 uL					
MB 550-288595/6		8260B							
550-193178-A-10 MS	R-08_I2-11-2022	8260B	T	5 uL					
550-193178-A-10 MSD	R-08_I2-11-2022	8260B	T	5 uL					
550-193178-A-10	R-08_I2-11-2022	8260B	T						
550-193178-A-11	R-20_11-2022	8260B	T						
550-193178-A-12	M-20-11-2022	8260B	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193178-1

SDG No.:

Batch Number: 288595 Batch Start Date: 11/14/22 19:15 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571693 eurofins | Environment Testing TestAmerica

193178

TAL-8210

Address: 4625 E Cotton Center Blvd Suite 189 Phoenix Az 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Anthony McGlown	Site Contact:	Date: 11-3-2022	COC No:
Company Name: NMED	Tel/Email:	Lab Contact:	Carrier: FedEx	1 of 1 COCs
Address: 1190 St. Francis Dr	Analysis Turnaround Time			Sampler:
City/State/Zip: Santa Fe, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 505-660-8121	TAT if different from Below _____			
Fax:	☐ 2 weeks			
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

550-193178 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
EWMW-4A_11-2022	11-3-22	11:29	G	W	3	N	N	X	-1
SMW-6D_11-2022	11-3	10:25							-2
R-04_S2_11-2022	11-2	13:50							-3
SMW-45_11-2022	11-3	11:10							-4
R-08A_I1_11-2022	11-3	10:25							-5
R-925_11-2022	11-3	12:54							-6
R-08_D1_11-2022	11-3	10:00							-7
TB_03_11-2022	11-2	15:59							-8
EB-01_11-2022	11-2	16:15							-9
R-08_I2-11-2022	11-3	12:00			9	N	Y	X	-10
R-20_11-2022	11-3	15:00			3		N		-11
M-20-11-2022	11-3	15:20			3	N	N	X	-12

Preservation Used: (1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1.6 ; CS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/3 16:45			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				EETA PHX	11/4/22 10:15

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Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193178-1

Login Number: 193178
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:03 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193180-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

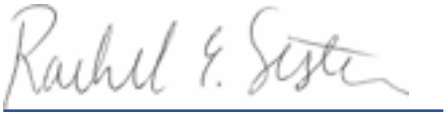
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



Generated
12/1/2022 9:03 AM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 550-193180-1
Project/Site: NRAP

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193180-1

Revision
This report was revised on 12/1/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 5:43 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/4/2022 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.1º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288554 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: R-04_I2_11-2022 (550-193180-1), TB-02_11-2022 (550-193180-4), R-33_I2_11-2022 (550-193180-9), R-33_I1_11-2022 (550-193180-10) and (CCVIS 550-288554/2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288554 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

R-04_I2_11-2022 (550-193180-1), TB-02_11-2022 (550-193180-4), R-33_I2_11-2022 (550-193180-9), R-33_I1_11-2022 (550-193180-10) and (CCVIS 550-288554/2)

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288595 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

R-25_11-2022 (550-193180-2), R-908_I2_11-2022 (550-193180-3), SMW-7D_11-2022 (550-193180-5), EWMW-1_11-2022 (550-193180-6), EX-13_11-2022 (550-193180-7), SMW-5D_11-2022 (550-193180-8), SMW-4D_11-2022 (550-193180-11), R-24_11-2022 (550-193180-12), EB-02_11-2022 (550-193180-13), (CCVIS 550-288595/2) and (550-193178-A-10)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Client Sample ID: R-04_I2_11-2022 — Lab Sample ID: 550-193180-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	1.1	J B	2.0	0.53	ug/L	1		8260B	Total/NA

Client Sample ID: R-25_11-2022 — Lab Sample ID: 550-193180-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.0	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-908_I2_11-2022 — Lab Sample ID: 550-193180-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	23		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	11		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: TB-02_11-2022 — Lab Sample ID: 550-193180-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.81	J B	2.0	0.53	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-7D_11-2022 — Lab Sample ID: 550-193180-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.9		2.0	0.62	ug/L	1		8260B	Total/NA
Vinyl chloride	5.6		5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: EWMW-1_11-2022 — Lab Sample ID: 550-193180-6

No Detections.

Client Sample ID: EX-13_11-2022 — Lab Sample ID: 550-193180-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.5	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-5D_11-2022 — Lab Sample ID: 550-193180-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	20	9.8	ug/L	1		8260B	Total/NA
Chloroethane	0.79	J	5.0	0.62	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	75		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.3		2.0	0.52	ug/L	1		8260B	Total/NA
Vinyl chloride	53		5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-33_I2_11-2022 — Lab Sample ID: 550-193180-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.70	J B	2.0	0.53	ug/L	1		8260B	Total/NA

Client Sample ID: R-33_I1_11-2022 — Lab Sample ID: 550-193180-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.63	J B	2.0	0.53	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Client Sample ID: SMW-4D_11-2022 — Lab Sample ID: 550-193180-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.0		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.2	J	2.0	0.52	ug/L	1		8260B	Total/NA
Vinyl chloride	5.4		5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-24_11-2022 — Lab Sample ID: 550-193180-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		2.0	0.62	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: EB-02_11-2022 — Lab Sample ID: 550-193180-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J	2.0	0.48	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: R-04_I2_11-2022

Date Collected: 11/02/22 14:15
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 12:57	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 12:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 12:57	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 12:57	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 12:57	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 12:57	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 12:57	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 12:57	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 12:57	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 12:57	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 12:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 12:57	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 12:57	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 12:57	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 12:57	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 12:57	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 12:57	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 12:57	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 12:57	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 12:57	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 12:57	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 12:57	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 12:57	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 12:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 12:57	1
Acetone	ND		20	9.8	ug/L			11/14/22 12:57	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 12:57	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 12:57	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 12:57	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 12:57	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 12:57	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 12:57	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 12:57	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 12:57	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 12:57	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 12:57	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 12:57	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 12:57	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 12:57	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 12:57	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 12:57	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 12:57	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 12:57	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 12:57	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 12:57	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 12:57	1
Iodomethane	**1.1**	**J B**	2.0	0.53	ug/L			11/14/22 12:57	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 12:57	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 12:57	1

Client Sample ID: R-04_I2_11-2022

Lab Sample ID: 550-193180-1

Date Collected: 11/02/22 14:15

Matrix: Water

Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 12:57	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 12:57	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 12:57	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 12:57	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 12:57	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 12:57	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 12:57	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 12:57	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 12:57	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 12:57	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 12:57	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 12:57	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 12:57	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 12:57	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 12:57	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 12:57	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 12:57	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 12:57*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 12:57*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 12:57*	*1*

Client Sample ID: R-25_11-2022

Lab Sample ID: 550-193180-2

Date Collected: 11/03/22 13:57

Matrix: Water

Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 23:47	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 23:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 23:47	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 23:47	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 23:47	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 23:47	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 23:47	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 23:47	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 23:47	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 23:47	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 23:47	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 23:47	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 23:47	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 23:47	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 23:47	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 23:47	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:47	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 23:47	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 23:47	1

Client Sample ID: R-25_11-2022

Date Collected: 11/03/22 13:57
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 23:47	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 23:47	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 23:47	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 23:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 23:47	1
Acetone	ND		20	9.8	ug/L			11/14/22 23:47	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 23:47	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 23:47	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 23:47	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 23:47	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 23:47	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 23:47	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 23:47	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 23:47	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 23:47	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 23:47	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 23:47	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 23:47	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 23:47	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 23:47	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 23:47	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 23:47	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 23:47	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 23:47	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 23:47	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 23:47	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 23:47	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 23:47	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 23:47	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 23:47	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 23:47	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 23:47	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 23:47	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 23:47	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 23:47	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 23:47	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 23:47	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 23:47	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 23:47	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 23:47	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 23:47	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 23:47	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 23:47	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 23:47	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 23:47	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 23:47	1
Vinyl chloride	**1.0**	**J**	5.0	0.82	ug/L			11/14/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/14/22 23:47*	*1*

Client Sample ID: R-25_11-2022

Date Collected: 11/03/22 13:57
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 23:47*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/14/22 23:47*	*1*

Client Sample ID: R-908_I2_11-2022

Date Collected: 11/03/22 10:40
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 00:08	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 00:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 00:08	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 00:08	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 00:08	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 00:08	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 00:08	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 00:08	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 00:08	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 00:08	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 00:08	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 00:08	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 00:08	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 00:08	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 00:08	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:08	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:08	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 00:08	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 00:08	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 00:08	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 00:08	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 00:08	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 00:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 00:08	1
Acetone	ND		20	9.8	ug/L			11/15/22 00:08	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 00:08	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 00:08	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 00:08	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 00:08	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 00:08	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 00:08	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 00:08	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 00:08	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:08	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 00:08	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 00:08	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 00:08	1
cis-1,2-Dichloroethene	**1.7**	**J**	2.0	0.62	ug/L			11/15/22 00:08	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 00:08	1

Client Sample ID: R-908_I2_11-2022

Date Collected: 11/03/22 10:40
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 00:08	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 00:08	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 00:08	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 00:08	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 00:08	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 00:08	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 00:08	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 00:08	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 00:08	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 00:08	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 00:08	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 00:08	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 00:08	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 00:08	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 00:08	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 00:08	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 00:08	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 00:08	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 00:08	1
Tetrachloroethene	**23**		2.0	0.48	ug/L			11/15/22 00:08	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 00:08	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 00:08	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 00:08	1
Trichloroethene	**11**		2.0	0.54	ug/L			11/15/22 00:08	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 00:08	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 00:08	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/15/22 00:08*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/15/22 00:08*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/15/22 00:08*	*1*

Client Sample ID: TB-02_11-2022

Date Collected: 11/02/22 15:55
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 13:39	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 13:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 13:39	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 13:39	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 13:39	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 13:39	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 13:39	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 13:39	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 13:39	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 13:39	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 13:39	1

Client Sample ID: TB-02_11-2022

Date Collected: 11/02/22 15:55
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 13:39	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 13:39	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 13:39	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 13:39	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 13:39	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 13:39	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 13:39	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 13:39	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 13:39	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 13:39	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 13:39	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 13:39	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 13:39	1
Acetone	ND		20	9.8	ug/L			11/14/22 13:39	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 13:39	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 13:39	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 13:39	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 13:39	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 13:39	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 13:39	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 13:39	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 13:39	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 13:39	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 13:39	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 13:39	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 13:39	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 13:39	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 13:39	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 13:39	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 13:39	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 13:39	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 13:39	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 13:39	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 13:39	1
Iodomethane	**0.81**	**J B**	2.0	0.53	ug/L			11/14/22 13:39	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 13:39	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 13:39	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 13:39	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 13:39	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 13:39	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 13:39	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 13:39	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 13:39	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 13:39	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 13:39	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 13:39	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 13:39	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 13:39	1

Client Sample ID: TB-02_11-2022
Lab Sample ID: 550-193180-4

Date Collected: 11/02/22 15:55
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/14/22 13:39	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 13:39	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 13:39	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 13:39	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 13:39	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 13:39	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 13:39*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 13:39*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 13:39*	*1*

Client Sample ID: SMW-7D_11-2022
Lab Sample ID: 550-193180-5

Date Collected: 11/03/22 10:05
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 00:29	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 00:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 00:29	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 00:29	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 00:29	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 00:29	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 00:29	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 00:29	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 00:29	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 00:29	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 00:29	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 00:29	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 00:29	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 00:29	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 00:29	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:29	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:29	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 00:29	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 00:29	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 00:29	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 00:29	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 00:29	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 00:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 00:29	1
Acetone	ND		20	9.8	ug/L			11/15/22 00:29	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 00:29	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 00:29	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 00:29	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 00:29	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 00:29	1

Client Sample ID: SMW-7D_11-2022

Lab Sample ID: 550-193180-5

Date Collected: 11/03/22 10:05
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/15/22 00:29	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 00:29	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 00:29	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:29	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 00:29	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 00:29	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 00:29	1
cis-1,2-Dichloroethene	**7.9**		2.0	0.62	ug/L			11/15/22 00:29	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 00:29	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 00:29	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 00:29	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 00:29	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 00:29	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 00:29	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 00:29	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 00:29	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 00:29	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 00:29	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 00:29	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 00:29	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 00:29	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 00:29	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 00:29	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 00:29	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 00:29	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 00:29	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 00:29	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 00:29	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 00:29	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 00:29	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 00:29	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 00:29	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 00:29	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 00:29	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 00:29	1
Vinyl chloride	**5.6**		5.0	0.82	ug/L			11/15/22 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 00:29*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/15/22 00:29*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/15/22 00:29*	*1*

Client Sample ID: EWMW-1_11-2022

Lab Sample ID: 550-193180-6

Date Collected: 11/03/22 09:54
Date Received: 11/04/22 10:15

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 00:50	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 00:50	1

Client Sample ID: EWMW-1_11-2022

Date Collected: 11/03/22 09:54
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 00:50	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 00:50	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 00:50	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 00:50	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 00:50	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 00:50	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 00:50	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 00:50	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 00:50	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 00:50	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 00:50	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 00:50	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 00:50	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 00:50	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:50	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 00:50	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 00:50	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 00:50	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 00:50	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 00:50	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 00:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 00:50	1
Acetone	ND		20	9.8	ug/L			11/15/22 00:50	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 00:50	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 00:50	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 00:50	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 00:50	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 00:50	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 00:50	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 00:50	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 00:50	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 00:50	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 00:50	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 00:50	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 00:50	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 00:50	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 00:50	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 00:50	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 00:50	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 00:50	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 00:50	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 00:50	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 00:50	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 00:50	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 00:50	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 00:50	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 00:50	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 00:50	1

Client Sample ID: EWMW-1_11-2022

Date Collected: 11/03/22 09:54
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 00:50	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 00:50	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 00:50	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 00:50	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 00:50	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 00:50	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 00:50	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 00:50	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 00:50	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 00:50	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 00:50	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 00:50	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 00:50	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 00:50	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 00:50	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/15/22 00:50*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 00:50*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 00:50*	*1*

Client Sample ID: EX-13_11-2022

Date Collected: 11/03/22 13:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 01:11	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 01:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 01:11	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 01:11	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 01:11	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 01:11	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 01:11	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 01:11	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 01:11	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 01:11	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 01:11	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 01:11	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 01:11	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 01:11	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 01:11	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:11	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:11	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 01:11	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 01:11	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 01:11	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 01:11	1

Client Sample ID: EX-13_11-2022

Date Collected: 11/03/22 13:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 01:11	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 01:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 01:11	1
Acetone	ND		20	9.8	ug/L			11/15/22 01:11	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 01:11	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 01:11	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 01:11	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 01:11	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 01:11	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 01:11	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 01:11	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 01:11	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:11	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 01:11	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 01:11	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 01:11	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 01:11	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 01:11	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 01:11	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 01:11	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 01:11	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 01:11	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 01:11	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 01:11	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 01:11	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 01:11	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 01:11	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 01:11	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 01:11	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 01:11	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 01:11	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 01:11	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 01:11	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 01:11	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 01:11	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 01:11	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 01:11	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 01:11	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 01:11	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 01:11	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 01:11	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 01:11	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 01:11	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 01:11	1
Vinyl chloride	**1.5**	**J**	5.0	0.82	ug/L			11/15/22 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 01:11*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/15/22 01:11*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/15/22 01:11*	*1*

Client Sample ID: SMW-5D_11-2022

Date Collected: 11/03/22 10:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 01:32	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 01:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 01:32	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 01:32	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 01:32	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 01:32	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 01:32	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 01:32	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 01:32	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 01:32	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 01:32	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 01:32	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 01:32	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 01:32	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 01:32	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:32	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:32	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 01:32	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 01:32	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 01:32	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 01:32	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 01:32	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 01:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 01:32	1
Acetone	**12**	**J**	20	9.8	ug/L			11/15/22 01:32	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 01:32	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 01:32	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 01:32	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 01:32	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 01:32	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 01:32	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 01:32	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 01:32	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:32	1
Chloroethane	**0.79**	**J**	5.0	0.62	ug/L			11/15/22 01:32	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 01:32	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 01:32	1
cis-1,2-Dichloroethene	**75**		2.0	0.62	ug/L			11/15/22 01:32	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 01:32	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 01:32	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 01:32	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 01:32	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 01:32	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 01:32	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 01:32	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 01:32	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 01:32	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 01:32	1

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Client Sample ID: SMW-5D_11-2022

Date Collected: 11/03/22 10:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 01:32	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 01:32	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 01:32	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 01:32	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 01:32	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 01:32	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 01:32	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 01:32	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 01:32	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 01:32	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 01:32	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 01:32	1
trans-1,2-Dichloroethene	**3.3**		2.0	0.52	ug/L			11/15/22 01:32	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 01:32	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 01:32	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 01:32	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 01:32	1
Vinyl chloride	**53**		5.0	0.82	ug/L			11/15/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 01:32*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 01:32*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 01:32*	*1*

Client Sample ID: R-33_I2_11-2022

Date Collected: 11/02/22 14:55
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 14:00	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 14:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 14:00	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 14:00	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 14:00	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 14:00	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 14:00	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 14:00	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 14:00	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 14:00	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:00	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 14:00	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 14:00	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 14:00	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 14:00	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 14:00	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:00	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:00	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 14:00	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 14:00	1

Client Sample ID: R-33_I2_11-2022

Date Collected: 11/02/22 14:55
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 14:00	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 14:00	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 14:00	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 14:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 14:00	1
Acetone	ND		20	9.8	ug/L			11/14/22 14:00	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 14:00	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 14:00	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 14:00	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 14:00	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 14:00	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 14:00	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 14:00	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 14:00	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:00	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 14:00	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 14:00	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 14:00	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 14:00	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 14:00	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 14:00	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 14:00	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 14:00	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 14:00	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 14:00	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 14:00	1
Iodomethane	**0.70**	**J B**	2.0	0.53	ug/L			11/14/22 14:00	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 14:00	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 14:00	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 14:00	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 14:00	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 14:00	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 14:00	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 14:00	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 14:00	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 14:00	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 14:00	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 14:00	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 14:00	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 14:00	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 14:00	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 14:00	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 14:00	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 14:00	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 14:00	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 14:00	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/14/22 14:00*	*1*

Client Sample ID: R-33_I2_11-2022

Date Collected: 11/02/22 14:55
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 14:00*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 14:00*	*1*

Client Sample ID: R-33_I1_11-2022

Date Collected: 11/02/22 14:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 14:21	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 14:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 14:21	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 14:21	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 14:21	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 14:21	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 14:21	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 14:21	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 14:21	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 14:21	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 14:21	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 14:21	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 14:21	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 14:21	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 14:21	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 14:21	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:21	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 14:21	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 14:21	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 14:21	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 14:21	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 14:21	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 14:21	1
Acetone	ND		20	9.8	ug/L			11/14/22 14:21	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 14:21	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 14:21	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 14:21	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 14:21	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 14:21	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 14:21	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 14:21	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 14:21	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 14:21	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 14:21	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 14:21	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 14:21	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 14:21	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 14:21	1

Client Sample ID: R-33_I1_11-2022

Date Collected: 11/02/22 14:45
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 14:21	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 14:21	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 14:21	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 14:21	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 14:21	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 14:21	1
Iodomethane	**0.63**	**J B**	2.0	0.53	ug/L			11/14/22 14:21	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 14:21	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 14:21	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 14:21	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 14:21	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 14:21	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 14:21	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 14:21	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 14:21	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 14:21	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 14:21	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 14:21	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 14:21	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 14:21	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 14:21	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 14:21	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 14:21	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 14:21	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 14:21	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 14:21	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 14:21*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 14:21*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 14:21*	*1*

Client Sample ID: SMW-4D_11-2022

Date Collected: 11/03/22 11:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 01:53	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 01:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 01:53	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 01:53	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 01:53	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 01:53	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 01:53	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 01:53	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 01:53	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 01:53	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:53	1

Client Sample ID: SMW-4D_11-2022

Date Collected: 11/03/22 11:00
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 01:53	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 01:53	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 01:53	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 01:53	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 01:53	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 01:53	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:53	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 01:53	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 01:53	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 01:53	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 01:53	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 01:53	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 01:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 01:53	1
Acetone	ND		20	9.8	ug/L			11/15/22 01:53	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 01:53	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 01:53	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 01:53	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 01:53	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 01:53	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 01:53	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 01:53	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 01:53	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 01:53	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 01:53	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 01:53	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 01:53	1
cis-1,2-Dichloroethene	**4.0**		2.0	0.62	ug/L			11/15/22 01:53	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 01:53	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 01:53	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 01:53	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 01:53	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 01:53	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 01:53	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 01:53	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 01:53	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 01:53	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 01:53	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 01:53	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 01:53	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 01:53	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 01:53	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 01:53	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 01:53	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 01:53	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 01:53	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 01:53	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 01:53	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 01:53	1

Client Sample ID: SMW-4D_11-2022

Lab Sample ID: 550-193180-11

Date Collected: 11/03/22 11:00
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/15/22 01:53	1
trans-1,2-Dichloroethene	**1.2**	**J**	2.0	0.52	ug/L			11/15/22 01:53	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 01:53	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 01:53	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 01:53	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 01:53	1
Vinyl chloride	**5.4**		5.0	0.82	ug/L			11/15/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/15/22 01:53*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 01:53*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 01:53*	*1*

Client Sample ID: R-24_11-2022

Lab Sample ID: 550-193180-12

Date Collected: 11/03/22 14:30
Matrix: Water
Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 03:38	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 03:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 03:38	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 03:38	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 03:38	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 03:38	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 03:38	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 03:38	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 03:38	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 03:38	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 03:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 03:38	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 03:38	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 03:38	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 03:38	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 03:38	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 03:38	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 03:38	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 03:38	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 03:38	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 03:38	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 03:38	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 03:38	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 03:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 03:38	1
Acetone	ND		20	9.8	ug/L			11/15/22 03:38	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 03:38	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 03:38	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 03:38	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 03:38	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 03:38	1

Client Sample ID: R-24_11-2022

Lab Sample ID: 550-193180-12

Date Collected: 11/03/22 14:30

Matrix: Water

Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/15/22 03:38	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 03:38	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 03:38	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 03:38	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 03:38	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 03:38	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 03:38	1
cis-1,2-Dichloroethene	**2.4**		2.0	0.62	ug/L			11/15/22 03:38	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 03:38	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 03:38	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 03:38	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 03:38	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 03:38	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 03:38	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 03:38	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 03:38	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 03:38	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 03:38	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 03:38	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 03:38	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 03:38	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 03:38	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 03:38	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 03:38	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 03:38	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 03:38	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 03:38	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 03:38	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 03:38	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 03:38	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 03:38	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 03:38	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 03:38	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 03:38	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 03:38	1
Vinyl chloride	**1.9**	**J**	5.0	0.82	ug/L			11/15/22 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 03:38*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/15/22 03:38*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/15/22 03:38*	*1*

Client Sample ID: EB-02_11-2022

Lab Sample ID: 550-193180-13

Date Collected: 11/03/22 16:08

Matrix: Water

Date Received: 11/04/22 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 03:17	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 03:17	1

Client Sample ID: EB-02_11-2022

Date Collected: 11/03/22 16:08
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 03:17	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 03:17	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 03:17	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 03:17	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 03:17	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 03:17	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 03:17	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 03:17	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 03:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 03:17	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 03:17	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 03:17	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 03:17	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 03:17	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 03:17	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 03:17	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 03:17	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 03:17	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 03:17	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 03:17	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 03:17	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 03:17	1
Acetone	ND		20	9.8	ug/L			11/15/22 03:17	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 03:17	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 03:17	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 03:17	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 03:17	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 03:17	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 03:17	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 03:17	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 03:17	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 03:17	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 03:17	1
Chloroform	**1.3**	**J**	2.0	0.48	ug/L			11/15/22 03:17	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 03:17	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 03:17	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 03:17	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 03:17	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 03:17	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 03:17	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 03:17	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 03:17	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 03:17	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 03:17	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 03:17	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 03:17	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 03:17	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 03:17	1

Client Sample ID: EB-02_11-2022

Date Collected: 11/03/22 16:08
Date Received: 11/04/22 10:15

Lab Sample ID: 550-193180-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 03:17	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 03:17	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 03:17	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 03:17	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 03:17	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 03:17	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 03:17	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 03:17	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 03:17	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 03:17	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 03:17	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 03:17	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 03:17	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 03:17	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 03:17	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 03:17*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 03:17*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 03:17*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193180-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193180-1	R-04_I2_11-2022	94	88	78
550-193180-1 MS	R-04_I2_11-2022	96	87	84
550-193180-1 MSD	R-04_I2_11-2022	95	87	83
550-193180-2	R-25_11-2022	96	88	79
550-193180-3	R-908_I2_11-2022	94	88	81
550-193180-4	TB-02_11-2022	94	87	78
550-193180-5	SMW-7D_11-2022	96	87	78
550-193180-6	EWMW-1_11-2022	94	89	79
550-193180-7	EX-13_11-2022	96	88	77
550-193180-8	SMW-5D_11-2022	96	89	79
550-193180-9	R-33_I2_11-2022	95	88	78
550-193180-10	R-33_I1_11-2022	94	88	78
550-193180-11	SMW-4D_11-2022	95	89	79
550-193180-12	R-24_11-2022	96	88	78
550-193180-13	EB-02_11-2022	96	89	79
LCS 550-288554/3	Lab Control Sample	91	87	82
LCS 550-288595/3	Lab Control Sample	94	89	85
LCSD 550-288554/4	Lab Control Sample Dup	93	87	83
LCSD 550-288595/4	Lab Control Sample Dup	92	90	82
MB 550-288554/6	Method Blank	92	90	78
MB 550-288595/6	Method Blank	94	87	78

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 10:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 10:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 10:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 10:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 10:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 10:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 10:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 10:52	1
Acetone	ND		20	9.8	ug/L			11/14/22 10:52	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 10:52	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 10:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 10:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 10:52	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 10:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 10:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 10:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 10:52	1
Iodomethane	1.52	J	2.0	0.53	ug/L			11/14/22 10:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 10:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 10:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 10:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 10:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 10:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 10:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 10:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 10:52	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 10:52	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 10:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 10:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 10:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 10:52*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 10:52*	*1*

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	60 - 135
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	67 - 130
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	66 - 135
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	58 - 133
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	44.2		ug/L		88	54 - 135
1,2-Dichloropropane	50.0	46.5		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	70 - 139
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	45.5		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.5		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	52.3		ug/L		105	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	45.1		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.0		ug/L		102	56 - 141
Acetone	50.0	43.6		ug/L		87	11 - 150
Benzene	50.0	46.2		ug/L		92	67 - 130
Bromobenzene	50.0	42.4		ug/L		85	70 - 130
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	56.7		ug/L		113	10 - 150
Carbon disulfide	50.0	58.4		ug/L		117	36 - 150
Carbon tetrachloride	50.0	46.3		ug/L		93	60 - 134
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	60.2		ug/L		120	46 - 150
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	64 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.4		ug/L		91	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	53.2		ug/L		106	29 - 150
Ethylbenzene	50.0	46.0		ug/L		92	80 - 120
Freon 113	50.0	52.4		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	45.8		ug/L		92	58 - 134
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 139
m-Xylene & p-Xylene	50.0	45.0		ug/L		90	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	49.0		ug/L		98	55 - 136
Naphthalene	50.0	42.5		ug/L		85	64 - 135
n-Butylbenzene	50.0	48.3		ug/L		97	70 - 136
N-Propylbenzene	50.0	45.8		ug/L		92	66 - 142
o-Xylene	50.0	45.1		ug/L		90	68 - 136
4-Isopropyltoluene	50.0	47.0		ug/L		94	67 - 138
sec-Butylbenzene	50.0	46.4		ug/L		93	66 - 135
Styrene	50.0	44.3		ug/L		89	69 - 135
tert-Butylbenzene	50.0	45.7		ug/L		91	64 - 135
Tetrachloroethene	50.0	45.9		ug/L		92	63 - 131
Toluene	50.0	46.6		ug/L		93	71 - 123
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	65 - 132
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 136
Trichloroethene	50.0	46.2		ug/L		92	67 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	62 - 147
Vinyl acetate	50.0	57.6		ug/L		115	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	1	20
1,1,2,2-Tetrachloroethane			50.0	46.9		ug/L		94	60 - 135	5	20
1,1,2-Trichloroethane			50.0	45.9		ug/L		92	69 - 130	2	20
1,1-Dichloroethane			50.0	51.3		ug/L		103	65 - 132	0	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	80 - 120	0	23
1,1-Dichloropropene			50.0	47.6		ug/L		95	63 - 130	1	20
1,2,3-Trichlorobenzene			50.0	40.4		ug/L		81	62 - 139	4	20
1,2,3-Trichloropropane			50.0	45.4		ug/L		91	67 - 130	7	20
1,2,4-Trichlorobenzene			50.0	42.6		ug/L		85	66 - 135	4	20
1,2,4-Trimethylbenzene			50.0	46.0		ug/L		92	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/L		99	58 - 133	7	21
1,2-Dibromoethane			50.0	47.1		ug/L		94	70 - 130	3	20
1,2-Dichlorobenzene			50.0	42.9		ug/L		86	70 - 130	1	20
1,2-Dichloroethane			50.0	44.8		ug/L		90	54 - 135	1	20
1,2-Dichloropropane			50.0	46.9		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.1		ug/L		92	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	0	20
1,3-Dichloropropane			50.0	46.3		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	2	20
2,2-Dichloropropane			50.0	53.9		ug/L		108	60 - 148	1	21
2-Butanone (MEK)			50.0	59.0		ug/L		118	50 - 150	12	34
Methyl n-butyl ketone (MNBK)			50.0	59.1		ug/L		118	50 - 148	11	29
4-Chlorotoluene			50.0	45.7		ug/L		91	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	55.9		ug/L		112	56 - 141	9	23
Acetone			50.0	49.7		ug/L		99	11 - 150	13	35
Benzene			50.0	46.1		ug/L		92	67 - 130	0	20
Bromobenzene			50.0	43.0		ug/L		86	70 - 130	1	20
Chlorobromomethane			50.0	48.7		ug/L		97	59 - 139	1	20
Dichlorobromomethane			50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform			50.0	39.6		ug/L		79	67 - 140	3	20
Bromomethane			50.0	56.3		ug/L		113	10 - 150	1	31
Carbon disulfide			50.0	58.6		ug/L		117	36 - 150	0	26
Carbon tetrachloride			50.0	46.3		ug/L		93	60 - 134	0	20
Chlorobenzene			50.0	44.7		ug/L		89	70 - 130	2	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	2	29
Chloroform			50.0	49.0		ug/L		98	80 - 120	0	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	47.2		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.7		ug/L		91	65 - 130	2	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	1	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	53.4		ug/L		107	37 - 150	2	20
Hexachlorobutadiene			50.0	43.8		ug/L		88	58 - 134	4	20
Isopropylbenzene			50.0	46.3		ug/L		93	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.5		ug/L		91	67 - 137	1	20
Methyl tert-butyl ether			50.0	53.0		ug/L		106	59 - 139	3	22
Methylene Chloride			50.0	49.0		ug/L		98	55 - 136	0	23
Naphthalene			50.0	42.6		ug/L		85	64 - 135	0	20
n-Butylbenzene			50.0	48.5		ug/L		97	70 - 136	0	20
N-Propylbenzene			50.0	45.8		ug/L		92	66 - 142	0	20
o-Xylene			50.0	44.2		ug/L		88	68 - 136	2	20
4-Isopropyltoluene			50.0	47.4		ug/L		95	67 - 138	1	20
sec-Butylbenzene			50.0	46.1		ug/L		92	66 - 135	1	20
Styrene			50.0	44.2		ug/L		88	69 - 135	0	20
tert-Butylbenzene			50.0	45.7		ug/L		91	64 - 135	0	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	1	20
Toluene			50.0	46.0		ug/L		92	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	48.0		ug/L		96	66 - 136	0	20
Trichloroethene			50.0	45.9		ug/L		92	67 - 130	1	20
Trichlorofluoromethane			50.0	51.0		ug/L		102	62 - 147	1	22
Vinyl acetate			50.0	57.8		ug/L		116	51 - 150	0	29
Vinyl chloride			50.0	57.6		ug/L		115	80 - 120	0	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 550-193180-1 MS
Matrix: Water
Analysis Batch: 288554

Client Sample ID: R-04_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	45.5		ug/L		91	62 - 139
1,1,1-Trichloroethane	ND		50.0	49.1		ug/L		98	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	44.1		ug/L		88	52 - 150
1,1,2-Trichloroethane	ND		50.0	45.5		ug/L		91	62 - 137
1,1-Dichloroethane	ND		50.0	51.4		ug/L		103	58 - 145
1,1-Dichloroethene	ND		50.0	48.9		ug/L		98	50 - 150
1,1-Dichloropropene	ND		50.0	44.9		ug/L		90	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	35.4		ug/L		71	52 - 144
1,2,3-Trichloropropane	ND		50.0	41.5		ug/L		83	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	39.2		ug/L		78	54 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193180-1 MS
Matrix: Water
Analysis Batch: 288554

Client Sample ID: R-04_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	ND		50.0	44.7		ug/L		89	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	40.7		ug/L		81	41 - 149
1,2-Dibromoethane	ND		50.0	45.9		ug/L		92	67 - 136
1,2-Dichlorobenzene	ND		50.0	42.6		ug/L		85	64 - 132
1,2-Dichloroethane	ND		50.0	44.3		ug/L		89	47 - 146
1,2-Dichloropropane	ND		50.0	46.6		ug/L		93	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	44.5		ug/L		89	34 - 150
1,3-Dichlorobenzene	ND		50.0	44.5		ug/L		89	67 - 130
1,3-Dichloropropane	ND		50.0	45.9		ug/L		92	65 - 140
1,4-Dichlorobenzene	ND		50.0	44.3		ug/L		89	67 - 128
2,2-Dichloropropane	ND		50.0	52.1		ug/L		104	54 - 150
2-Butanone (MEK)	ND		50.0	51.4		ug/L		103	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	49.8		ug/L		100	37 - 150
4-Chlorotoluene	ND		50.0	45.0		ug/L		90	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	48.2		ug/L		96	41 - 150
Acetone	ND		50.0	40.4		ug/L		81	10 - 150
Benzene	ND		50.0	45.2		ug/L		90	54 - 142
Bromobenzene	ND		50.0	44.0		ug/L		88	67 - 132
Chlorobromomethane	ND		50.0	49.9		ug/L		100	55 - 147
Dichlorobromomethane	ND		50.0	46.1		ug/L		92	61 - 143
Bromoform	ND		50.0	39.4		ug/L		79	57 - 148
Bromomethane	ND		50.0	54.5		ug/L		109	56 - 149
Carbon disulfide	ND		50.0	56.1		ug/L		112	23 - 150
Carbon tetrachloride	ND		50.0	44.4		ug/L		89	51 - 143
Chlorobenzene	ND		50.0	45.1		ug/L		90	69 - 129
Chloroethane	ND		50.0	55.0		ug/L		110	41 - 150
Chloroform	ND		50.0	49.6		ug/L		99	60 - 148
Chloromethane	ND		50.0	55.7		ug/L		111	29 - 150
cis-1,2-Dichloroethene	ND		50.0	45.1		ug/L		90	57 - 139
cis-1,3-Dichloropropene	ND		50.0	47.6		ug/L		95	57 - 145
Chlorodibromomethane	ND		50.0	46.6		ug/L		93	61 - 143
Dibromomethane	ND		50.0	45.2		ug/L		90	56 - 148
Dichlorodifluoromethane	ND		50.0	51.3		ug/L		103	20 - 150
Ethylbenzene	ND		50.0	45.7		ug/L		91	46 - 149
Freon 113	ND		50.0	50.3		ug/L		101	10 - 150
Hexachlorobutadiene	ND		50.0	37.8		ug/L		76	48 - 146
Isopropylbenzene	ND		50.0	44.8		ug/L		90	56 - 146
m-Xylene & p-Xylene	ND		50.0	44.4		ug/L		89	47 - 150
Methyl tert-butyl ether	ND		50.0	52.7		ug/L		105	51 - 150
Methylene Chloride	ND		50.0	49.4		ug/L		99	43 - 150
Naphthalene	ND		50.0	35.7		ug/L		71	32 - 150
n-Butylbenzene	ND		50.0	44.7		ug/L		89	54 - 146
N-Propylbenzene	ND		50.0	44.2		ug/L		88	54 - 150
o-Xylene	ND		50.0	44.9		ug/L		90	52 - 150
4-Isopropyltoluene	ND		50.0	44.7		ug/L		89	53 - 147
sec-Butylbenzene	ND		50.0	43.4		ug/L		87	54 - 145
Styrene	ND		50.0	45.3		ug/L		91	20 - 150
tert-Butylbenzene	ND		50.0	43.9		ug/L		88	57 - 143
Tetrachloroethene	ND		50.0	44.3		ug/L		89	37 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193180-1 MS
Matrix: Water
Analysis Batch: 288554

Client Sample ID: R-04_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	ND		50.0	45.7		ug/L		91	54 - 141
trans-1,2-Dichloroethene	ND		50.0	49.9		ug/L		100	58 - 140
trans-1,3-Dichloropropene	ND		50.0	48.3		ug/L		97	57 - 147
Trichloroethene	ND		50.0	44.9		ug/L		90	58 - 134
Trichlorofluoromethane	ND		50.0	49.3		ug/L		99	46 - 150
Vinyl acetate	ND		50.0	57.9		ug/L		116	10 - 150
Vinyl chloride	ND		50.0	52.9		ug/L		106	29 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 550-193180-1 MSD
Matrix: Water
Analysis Batch: 288554

Client Sample ID: R-04_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	46.0		ug/L		92	62 - 139	1	35
1,1,1-Trichloroethane	ND		50.0	49.4		ug/L		99	57 - 143	1	35
1,1,2,2-Tetrachloroethane	ND		50.0	42.3		ug/L		85	52 - 150	4	35
1,1,2-Trichloroethane	ND		50.0	45.1		ug/L		90	62 - 137	1	35
1,1-Dichloroethane	ND		50.0	52.1		ug/L		104	58 - 145	1	35
1,1-Dichloroethene	ND		50.0	49.9		ug/L		100	50 - 150	2	35
1,1-Dichloropropene	ND		50.0	46.1		ug/L		92	50 - 142	3	35
1,2,3-Trichlorobenzene	ND		50.0	36.2		ug/L		72	52 - 144	2	35
1,2,3-Trichloropropane	ND		50.0	40.2		ug/L		80	59 - 138	3	35
1,2,4-Trichlorobenzene	ND		50.0	39.6		ug/L		79	54 - 140	1	35
1,2,4-Trimethylbenzene	ND		50.0	44.5		ug/L		89	41 - 150	0	35
1,2-Dibromo-3-Chloropropane	ND		50.0	39.7		ug/L		79	41 - 149	2	35
1,2-Dibromoethane	ND		50.0	45.5		ug/L		91	67 - 136	1	35
1,2-Dichlorobenzene	ND		50.0	42.1		ug/L		84	64 - 132	1	35
1,2-Dichloroethane	ND		50.0	44.5		ug/L		89	47 - 146	0	35
1,2-Dichloropropane	ND		50.0	47.4		ug/L		95	59 - 140	2	35
1,3,5-Trimethylbenzene	ND		50.0	42.0		ug/L		84	34 - 150	6	35
1,3-Dichlorobenzene	ND		50.0	43.5		ug/L		87	67 - 130	2	35
1,3-Dichloropropane	ND		50.0	45.3		ug/L		91	65 - 140	1	35
1,4-Dichlorobenzene	ND		50.0	43.8		ug/L		88	67 - 128	1	35
2,2-Dichloropropane	ND		50.0	52.9		ug/L		106	54 - 150	2	35
2-Butanone (MEK)	ND		50.0	45.9		ug/L		92	10 - 150	11	35
Methyl n-butyl ketone (MNBK)	ND		50.0	46.4		ug/L		93	37 - 150	7	35
4-Chlorotoluene	ND		50.0	44.4		ug/L		89	63 - 141	1	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	45.4		ug/L		91	41 - 150	6	35
Acetone	ND		50.0	38.1		ug/L		76	10 - 150	6	35
Benzene	ND		50.0	46.3		ug/L		93	54 - 142	2	35
Bromobenzene	ND		50.0	44.2		ug/L		88	67 - 132	0	35
Chlorobromomethane	ND		50.0	49.7		ug/L		99	55 - 147	0	35
Dichlorobromomethane	ND		50.0	46.6		ug/L		93	61 - 143	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193180-1 MSD
Matrix: Water
Analysis Batch: 288554

Client Sample ID: R-04_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	ND		50.0	38.3		ug/L		77	57 - 148	3	35
Bromomethane	ND		50.0	54.4		ug/L		109	56 - 149	0	35
Carbon disulfide	ND		50.0	56.9		ug/L		114	23 - 150	1	35
Carbon tetrachloride	ND		50.0	45.0		ug/L		90	51 - 143	1	35
Chlorobenzene	ND		50.0	45.2		ug/L		90	69 - 129	0	35
Chloroethane	ND		50.0	53.8		ug/L		108	41 - 150	2	35
Chloroform	ND		50.0	50.0		ug/L		100	60 - 148	1	35
Chloromethane	ND		50.0	57.4		ug/L		115	29 - 150	3	35
cis-1,2-Dichloroethene	ND		50.0	46.1		ug/L		92	57 - 139	2	35
cis-1,3-Dichloropropene	ND		50.0	48.7		ug/L		97	57 - 145	2	35
Chlorodibromomethane	ND		50.0	46.7		ug/L		93	61 - 143	0	35
Dibromomethane	ND		50.0	45.2		ug/L		90	56 - 148	0	35
Dichlorodifluoromethane	ND		50.0	52.5		ug/L		105	20 - 150	2	35
Ethylbenzene	ND		50.0	46.3		ug/L		93	46 - 149	1	35
Freon 113	ND		50.0	52.0		ug/L		104	10 - 150	3	35
Hexachlorobutadiene	ND		50.0	38.8		ug/L		78	48 - 146	3	35
Isopropylbenzene	ND		50.0	44.8		ug/L		90	56 - 146	0	35
m-Xylene & p-Xylene	ND		50.0	45.2		ug/L		90	47 - 150	2	35
Methyl tert-butyl ether	ND		50.0	51.5		ug/L		103	51 - 150	2	35
Methylene Chloride	ND		50.0	50.2		ug/L		100	43 - 150	1	35
Naphthalene	ND		50.0	36.1		ug/L		72	32 - 150	1	35
n-Butylbenzene	ND		50.0	44.0		ug/L		88	54 - 146	1	35
N-Propylbenzene	ND		50.0	44.1		ug/L		88	54 - 150	0	35
o-Xylene	ND		50.0	45.0		ug/L		90	52 - 150	0	35
4-Isopropyltoluene	ND		50.0	43.5		ug/L		87	53 - 147	3	35
sec-Butylbenzene	ND		50.0	43.1		ug/L		86	54 - 145	1	35
Styrene	ND		50.0	45.3		ug/L		91	20 - 150	0	35
tert-Butylbenzene	ND		50.0	42.3		ug/L		85	57 - 143	4	35
Tetrachloroethene	ND		50.0	45.2		ug/L		90	37 - 150	2	35
Toluene	ND		50.0	46.6		ug/L		93	54 - 141	2	35
trans-1,2-Dichloroethene	ND		50.0	50.9		ug/L		102	58 - 140	2	35
trans-1,3-Dichloropropene	ND		50.0	48.7		ug/L		97	57 - 147	1	35
Trichloroethene	ND		50.0	45.7		ug/L		91	58 - 134	2	35
Trichlorofluoromethane	ND		50.0	49.6		ug/L		99	46 - 150	1	35
Vinyl acetate	ND		50.0	56.3		ug/L		113	10 - 150	3	35
Vinyl chloride	ND		50.0	54.3		ug/L		109	29 - 150	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 21:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 21:20	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 21:20	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 21:20	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 21:20	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 21:20	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 21:20	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 21:20	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 21:20	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 21:20	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 21:20	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 21:20	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 21:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 21:20	1
Acetone	ND		20	9.8	ug/L			11/14/22 21:20	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 21:20	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 21:20	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 21:20	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 21:20	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 21:20	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 21:20	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 21:20	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 21:20	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 21:20	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 21:20	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 21:20	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 21:20	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 21:20	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 21:20	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 21:20	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 21:20	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 21:20	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 21:20	1
Iodomethane	ND		2.0	0.53	ug/L			11/14/22 21:20	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 21:20	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 21:20	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288595/6
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 21:20	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 21:20	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 21:20	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 21:20	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 21:20	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 21:20	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 21:20	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 21:20	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 21:20	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 21:20	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 21:20	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 21:20	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 21:20	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 21:20	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 21:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 21:20*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 21:20*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 21:20*	*1*

Lab Sample ID: LCS 550-288595/3
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	45.6		ug/L		91	68 - 133
1,1,1-Trichloroethane	50.0	51.6		ug/L		103	62 - 134
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	60 - 135
1,1,2-Trichloroethane	50.0	45.5		ug/L		91	69 - 130
1,1-Dichloroethane	50.0	52.6		ug/L		105	65 - 132
1,1-Dichloroethene	50.0	52.3		ug/L		105	80 - 120
1,1-Dichloropropene	50.0	49.0		ug/L		98	63 - 130
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	62 - 139
1,2,3-Trichloropropane	50.0	45.6		ug/L		91	67 - 130
1,2,4-Trichlorobenzene	50.0	43.0		ug/L		86	66 - 135
1,2,4-Trimethylbenzene	50.0	47.2		ug/L		94	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	50.1		ug/L		100	58 - 133
1,2-Dibromoethane	50.0	46.2		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	54 - 135
1,2-Dichloropropane	50.0	47.8		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	50.0	45.5		ug/L		91	70 - 139
1,3-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 130
1,3-Dichloropropane	50.0	45.6		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	44.5		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288595/3
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	50.0	53.2		ug/L		106	60 - 148
2-Butanone (MEK)	50.0	54.5		ug/L		109	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	55.0		ug/L		110	50 - 148
4-Chlorotoluene	50.0	45.5		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.7		ug/L		103	56 - 141
Acetone	50.0	53.4		ug/L		107	11 - 150
Benzene	50.0	47.7		ug/L		95	67 - 130
Bromobenzene	50.0	44.8		ug/L		90	70 - 130
Chlorobromomethane	50.0	49.0		ug/L		98	59 - 139
Dichlorobromomethane	50.0	46.7		ug/L		93	69 - 130
Bromoform	50.0	39.8		ug/L		80	67 - 140
Bromomethane	50.0	56.4		ug/L		113	10 - 150
Carbon disulfide	50.0	59.2		ug/L		118	36 - 150
Carbon tetrachloride	50.0	48.3		ug/L		97	60 - 134
Chlorobenzene	50.0	45.2		ug/L		90	70 - 130
Chloroethane	50.0	57.8		ug/L		116	57 - 150
Chloroform	50.0	50.1		ug/L		100	80 - 120
Chloromethane	50.0	53.3		ug/L		107	46 - 150
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	64 - 130
cis-1,3-Dichloropropene	50.0	47.6		ug/L		95	66 - 134
Chlorodibromomethane	50.0	46.0		ug/L		92	65 - 133
Dibromomethane	50.0	45.8		ug/L		92	65 - 130
Dichlorodifluoromethane	50.0	56.6		ug/L		113	29 - 150
Ethylbenzene	50.0	47.3		ug/L		95	80 - 120
Freon 113	50.0	55.3		ug/L		111	37 - 150
Hexachlorobutadiene	50.0	46.2		ug/L		92	58 - 134
Isopropylbenzene	50.0	48.3		ug/L		97	70 - 139
m-Xylene & p-Xylene	50.0	47.2		ug/L		94	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	50.1		ug/L		100	55 - 136
Naphthalene	50.0	44.4		ug/L		89	64 - 135
n-Butylbenzene	50.0	49.1		ug/L		98	70 - 136
N-Propylbenzene	50.0	47.8		ug/L		96	66 - 142
o-Xylene	50.0	47.3		ug/L		95	68 - 136
4-Isopropyltoluene	50.0	48.5		ug/L		97	67 - 138
sec-Butylbenzene	50.0	48.8		ug/L		98	66 - 135
Styrene	50.0	46.7		ug/L		93	69 - 135
tert-Butylbenzene	50.0	47.7		ug/L		95	64 - 135
Tetrachloroethene	50.0	47.2		ug/L		94	63 - 131
Toluene	50.0	47.1		ug/L		94	71 - 123
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	65 - 132
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	66 - 136
Trichloroethene	50.0	47.5		ug/L		95	67 - 130
Trichlorofluoromethane	50.0	53.2		ug/L		106	62 - 147
Vinyl acetate	50.0	49.4		ug/L		99	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288595/3
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 550-288595/4
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	45.5		ug/L		91	68 - 133	0	20
1,1,1-Trichloroethane			50.0	52.5		ug/L		105	62 - 134	2	20
1,1,2,2-Tetrachloroethane			50.0	43.5		ug/L		87	60 - 135	6	20
1,1,2-Trichloroethane			50.0	45.5		ug/L		91	69 - 130	0	20
1,1-Dichloroethane			50.0	52.3		ug/L		105	65 - 132	0	20
1,1-Dichloroethene			50.0	52.9		ug/L		106	80 - 120	1	23
1,1-Dichloropropene			50.0	50.0		ug/L		100	63 - 130	2	20
1,2,3-Trichlorobenzene			50.0	43.5		ug/L		87	62 - 139	5	20
1,2,3-Trichloropropane			50.0	43.1		ug/L		86	67 - 130	6	20
1,2,4-Trichlorobenzene			50.0	45.9		ug/L		92	66 - 135	6	20
1,2,4-Trimethylbenzene			50.0	47.1		ug/L		94	70 - 134	0	20
1,2-Dibromo-3-Chloropropane			50.0	48.8		ug/L		98	58 - 133	3	21
1,2-Dibromoethane			50.0	46.3		ug/L		93	70 - 130	0	20
1,2-Dichlorobenzene			50.0	43.2		ug/L		86	70 - 130	3	20
1,2-Dichloroethane			50.0	44.4		ug/L		89	54 - 135	2	20
1,2-Dichloropropane			50.0	47.5		ug/L		95	80 - 120	0	20
1,3,5-Trimethylbenzene			50.0	46.5		ug/L		93	70 - 139	2	20
1,3-Dichlorobenzene			50.0	44.6		ug/L		89	70 - 130	1	20
1,3-Dichloropropane			50.0	46.6		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.1		ug/L		88	70 - 130	1	20
2,2-Dichloropropane			50.0	53.2		ug/L		106	60 - 148	0	21
2-Butanone (MEK)			50.0	57.5		ug/L		115	50 - 150	5	34
Methyl n-butyl ketone (MNBK)			50.0	54.7		ug/L		109	50 - 148	1	29
4-Chlorotoluene			50.0	45.4		ug/L		91	70 - 130	0	20
4-Methyl-2-pentanone (MIBK)			50.0	51.8		ug/L		104	56 - 141	0	23
Acetone			50.0	51.4		ug/L		103	11 - 150	4	35
Benzene			50.0	47.2		ug/L		94	67 - 130	1	20
Bromobenzene			50.0	43.3		ug/L		87	70 - 130	3	20
Chlorobromomethane			50.0	48.1		ug/L		96	59 - 139	2	20
Dichlorobromomethane			50.0	45.6		ug/L		91	69 - 130	2	20
Bromoform			50.0	38.0		ug/L		76	67 - 140	5	20
Bromomethane			50.0	54.8		ug/L		110	10 - 150	3	31
Carbon disulfide			50.0	60.0		ug/L		120	36 - 150	1	26
Carbon tetrachloride			50.0	49.2		ug/L		98	60 - 134	2	20
Chlorobenzene			50.0	45.6		ug/L		91	70 - 130	1	20
Chloroethane			50.0	56.0		ug/L		112	57 - 150	3	29
Chloroform			50.0	49.6		ug/L		99	80 - 120	1	20
Chloromethane			50.0	51.1		ug/L		102	46 - 150	4	30
cis-1,2-Dichloroethene			50.0	46.3		ug/L		93	64 - 130	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288595/4
Matrix: Water
Analysis Batch: 288595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	46.0		ug/L		92	66 - 134	3	20
Chlorodibromomethane			50.0	45.0		ug/L		90	65 - 133	2	20
Dibromomethane			50.0	45.6		ug/L		91	65 - 130	0	20
Dichlorodifluoromethane			50.0	56.7		ug/L		113	29 - 150	0	30
Ethylbenzene			50.0	48.3		ug/L		97	80 - 120	2	20
Freon 113			50.0	57.0		ug/L		114	37 - 150	3	20
Hexachlorobutadiene			50.0	50.8		ug/L		102	58 - 134	9	20
Isopropylbenzene			50.0	49.4		ug/L		99	70 - 139	2	20
m-Xylene & p-Xylene			50.0	47.1		ug/L		94	67 - 137	0	20
Methyl tert-butyl ether			50.0	50.9		ug/L		102	59 - 139	1	22
Methylene Chloride			50.0	49.3		ug/L		99	55 - 136	2	23
Naphthalene			50.0	45.5		ug/L		91	64 - 135	3	20
n-Butylbenzene			50.0	52.4		ug/L		105	70 - 136	7	20
N-Propylbenzene			50.0	48.7		ug/L		97	66 - 142	2	20
o-Xylene			50.0	46.7		ug/L		93	68 - 136	1	20
4-Isopropyltoluene			50.0	51.0		ug/L		102	67 - 138	5	20
sec-Butylbenzene			50.0	51.4		ug/L		103	66 - 135	5	20
Styrene			50.0	45.6		ug/L		91	69 - 135	2	20
tert-Butylbenzene			50.0	50.7		ug/L		101	64 - 135	6	20
Tetrachloroethene			50.0	48.3		ug/L		97	63 - 131	2	20
Toluene			50.0	47.2		ug/L		94	71 - 123	0	20
trans-1,2-Dichloroethene			50.0	52.0		ug/L		104	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	46.7		ug/L		93	66 - 136	2	20
Trichloroethene			50.0	48.7		ug/L		97	67 - 130	2	20
Trichlorofluoromethane			50.0	54.5		ug/L		109	62 - 147	2	22
Vinyl acetate			50.0	48.8		ug/L		98	51 - 150	1	29
Vinyl chloride			50.0	58.7		ug/L		117	80 - 120	2	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193180-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193180-1	R-04_I2_11-2022	Total/NA	Water	8260B	
550-193180-4	TB-02_11-2022	Total/NA	Water	8260B	
550-193180-9	R-33_I2_11-2022	Total/NA	Water	8260B	
550-193180-10	R-33_I1_11-2022	Total/NA	Water	8260B	
MB 550-288554/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288554/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288554/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193180-1 MS	R-04_I2_11-2022	Total/NA	Water	8260B	
550-193180-1 MSD	R-04_I2_11-2022	Total/NA	Water	8260B	

Analysis Batch: 288595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193180-2	R-25_11-2022	Total/NA	Water	8260B	
550-193180-3	R-908_I2_11-2022	Total/NA	Water	8260B	
550-193180-5	SMW-7D_11-2022	Total/NA	Water	8260B	
550-193180-6	EWMW-1_11-2022	Total/NA	Water	8260B	
550-193180-7	EX-13_11-2022	Total/NA	Water	8260B	
550-193180-8	SMW-5D_11-2022	Total/NA	Water	8260B	
550-193180-11	SMW-4D_11-2022	Total/NA	Water	8260B	
550-193180-12	R-24_11-2022	Total/NA	Water	8260B	
550-193180-13	EB-02_11-2022	Total/NA	Water	8260B	
MB 550-288595/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288595/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288595/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Client Sample ID: R-04_I2_11-2022
Lab Sample ID: 550-193180-1
Date Collected: 11/02/22 14:15
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 12:57

Client Sample ID: R-25_11-2022
Lab Sample ID: 550-193180-2
Date Collected: 11/03/22 13:57
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/14/22 23:47

Client Sample ID: R-908_I2_11-2022
Lab Sample ID: 550-193180-3
Date Collected: 11/03/22 10:40
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 00:08

Client Sample ID: TB-02_11-2022
Lab Sample ID: 550-193180-4
Date Collected: 11/02/22 15:55
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 13:39

Client Sample ID: SMW-7D_11-2022
Lab Sample ID: 550-193180-5
Date Collected: 11/03/22 10:05
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 00:29

Client Sample ID: EWMW-1_11-2022
Lab Sample ID: 550-193180-6
Date Collected: 11/03/22 09:54
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 00:50

Client Sample ID: EX-13_11-2022
Lab Sample ID: 550-193180-7
Date Collected: 11/03/22 13:45
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 01:11

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Client Sample ID: SMW-5D_11-2022
Lab Sample ID: 550-193180-8
Date Collected: 11/03/22 10:45
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 01:32

Client Sample ID: R-33_I2_11-2022
Lab Sample ID: 550-193180-9
Date Collected: 11/02/22 14:55
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 14:00

Client Sample ID: R-33_I1_11-2022
Lab Sample ID: 550-193180-10
Date Collected: 11/02/22 14:45
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 14:21

Client Sample ID: SMW-4D_11-2022
Lab Sample ID: 550-193180-11
Date Collected: 11/03/22 11:00
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 01:53

Client Sample ID: R-24_11-2022
Lab Sample ID: 550-193180-12
Date Collected: 11/03/22 14:30
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 03:38

Client Sample ID: EB-02_11-2022
Lab Sample ID: 550-193180-13
Date Collected: 11/03/22 16:08
Matrix: Water
Date Received: 11/04/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288595	JHU	EET PHX	11/15/22 03:17

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193180-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193180-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193180-1	R-04_I2_11-2022	Water	11/02/22 14:15	11/04/22 10:15
550-193180-2	R-25_11-2022	Water	11/03/22 13:57	11/04/22 10:15
550-193180-3	R-908_I2_11-2022	Water	11/03/22 10:40	11/04/22 10:15
550-193180-4	TB-02_11-2022	Water	11/02/22 15:55	11/04/22 10:15
550-193180-5	SMW-7D_11-2022	Water	11/03/22 10:05	11/04/22 10:15
550-193180-6	EWMW-1_11-2022	Water	11/03/22 09:54	11/04/22 10:15
550-193180-7	EX-13_11-2022	Water	11/03/22 13:45	11/04/22 10:15
550-193180-8	SMW-5D_11-2022	Water	11/03/22 10:45	11/04/22 10:15
550-193180-9	R-33_I2_11-2022	Water	11/02/22 14:55	11/04/22 10:15
550-193180-10	R-33_I1_11-2022	Water	11/02/22 14:45	11/04/22 10:15
550-193180-11	SMW-4D_11-2022	Water	11/03/22 11:00	11/04/22 10:15
550-193180-12	R-24_11-2022	Water	11/03/22 14:30	11/04/22 10:15
550-193180-13	EB-02_11-2022	Water	11/03/22 16:08	11/04/22 10:15

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: LCS 550-288554/3 Client Sample ID:

Date Analyzed: 11/14/22 09:49 Lab File ID: 11142203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	7.33	Invalid Compound ID	kandeer	11/15/22 10:12

Lab Sample ID: MB 550-288554/6 Client Sample ID:

Date Analyzed: 11/14/22 10:52 Lab File ID: 11142206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:44

Lab Sample ID: 550-193180-1 Client Sample ID: R-04_I2_11-2022

Date Analyzed: 11/14/22 12:57 Lab File ID: 11142212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/15/22 10:56
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:56

Lab Sample ID: 550-193180-4 Client Sample ID: TB-02_11-2022

Date Analyzed: 11/14/22 13:39 Lab File ID: 11142214.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 11:05

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: 550-193180-9 Client Sample ID: R-33_I2_11-2022

Date Analyzed: 11/14/22 14:00 Lab File ID: 11142215.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 11:06
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/15/22 11:06
Bromomethane		Invalid Compound ID	kandeer	11/15/22 11:06
Chloromethane		Invalid Compound ID	kandeer	11/15/22 11:06

Lab Sample ID: 550-193180-10 Client Sample ID: R-33_I1_11-2022

Date Analyzed: 11/14/22 14:21 Lab File ID: 11142216.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	kandeer	11/15/22 11:06
Chloromethane		Invalid Compound ID	kandeer	11/15/22 11:06

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288595

Lab Sample ID: LCSD 550-288595/4 Client Sample ID:

Date Analyzed: 11/14/22 20:39 Lab File ID: 11142234.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.72	Split Peak	DOM1	11/15/22 09:55
Vinyl chloride	2.04	Split Peak	DOM1	11/15/22 09:55
Bromomethane	2.39	Split Peak	DOM1	11/15/22 09:55
Chloroethane	2.52	Split Peak	DOM1	11/15/22 09:55

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22	o2si, Lot 443055			(Purchased Reagent)		BFB	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22		AccuStandard, Lot 222071048		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22		Restek, Lot A0182212		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): _____ _____

Client Sample ID	Lab Sample ID	DBFM #	TOL #	BFB #
R-04_I2_11-2022	550-193180-1	94	88	78
R-25_11-2022	550-193180-2	96	88	79
R-908_I2_11-2022	550-193180-3	94	88	81
TB-02_11-2022	550-193180-4	94	87	78
SMW-7D_11-2022	550-193180-5	96	87	78
EWMW-1_11-2022	550-193180-6	94	89	79
EX-13_11-2022	550-193180-7	96	88	77
SMW-5D_11-2022	550-193180-8	96	89	79
R-33_I2_11-2022	550-193180-9	95	88	78
R-33_I1_11-2022	550-193180-10	94	88	78
SMW-4D_11-2022	550-193180-11	95	89	79
R-24_11-2022	550-193180-12	96	88	78
EB-02_11-2022	550-193180-13	96	89	79
	MB 550-288554/6	92	90	78
	MB 550-288595/6	94	87	78
	LCS 550-288554/3	91	87	82
	LCS 550-288595/3	94	89	85
	LCSD 550-288554/4	93	87	83
	LCSD 550-288595/4	92	90	82
R-04_I2_11-2022 MS	550-193180-1 MS	96	87	84
R-04_I2_11-2022 MSD	550-193180-1 MSD	95	87	83

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	68-133	
1,1,1-Trichloroethane	50.0	49.6	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	44.7	89	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.4	101	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	42.0	84	62-139	
1,2,3-Trichloropropane	50.0	42.5	85	67-130	
1,2,4-Trichlorobenzene	50.0	44.4	89	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.4	93	58-133	
1,2-Dibromoethane	50.0	45.9	92	70-130	
1,2-Dichlorobenzene	50.0	42.4	85	70-130	
1,2-Dichloroethane	50.0	44.2	88	54-135	
1,2-Dichloropropane	50.0	46.5	93	80-120	
1,3,5-Trimethylbenzene	50.0	44.7	89	70-139	
1,3-Dichlorobenzene	50.0	44.3	89	70-130	
1,3-Dichloropropane	50.0	45.5	91	69-130	
1,4-Dichlorobenzene	50.0	43.5	87	70-130	
2,2-Dichloropropane	50.0	53.5	107	60-148	
2-Butanone (MEK)	50.0	52.3	105	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.0	102	56-141	
Acetone	50.0	43.6	87	11-150	
Benzene	50.0	46.2	92	67-130	
Bromobenzene	50.0	42.4	85	70-130	
Chlorobromomethane	50.0	48.1	96	59-139	
Dichlorobromomethane	50.0	45.6	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	56.7	113	10-150	
Carbon disulfide	50.0	58.4	117	36-150	
Carbon tetrachloride	50.0	46.3	93	60-134	
Chlorobenzene	50.0	44.0	88	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	60.2	120	46-150	
cis-1,2-Dichloroethene	50.0	45.7	91	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	66-134	
Chlorodibromomethane	50.0	45.4	91	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	29-150	
Ethylbenzene	50.0	46.0	92	80-120	
Freon 113	50.0	52.4	105	37-150	
Hexachlorobutadiene	50.0	45.8	92	58-134	
Isopropylbenzene	50.0	46.1	92	70-139	
m-Xylene & p-Xylene	50.0	45.0	90	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	49.0	98	55-136	
Naphthalene	50.0	42.5	85	64-135	
n-Butylbenzene	50.0	48.3	97	70-136	
N-Propylbenzene	50.0	45.8	92	66-142	
o-Xylene	50.0	45.1	90	68-136	
4-Isopropyltoluene	50.0	47.0	94	67-138	
sec-Butylbenzene	50.0	46.4	93	66-135	
Styrene	50.0	44.3	89	69-135	
tert-Butylbenzene	50.0	45.7	91	64-135	
Tetrachloroethene	50.0	45.9	92	63-131	
Toluene	50.0	46.6	93	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	48.1	96	66-136	
Trichloroethene	50.0	46.2	92	67-130	
Trichlorofluoromethane	50.0	50.3	101	62-147	
Vinyl acetate	50.0	57.6	115	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142233.D

Lab ID: LCS 550-288595/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.6	91	68-133	
1,1,1-Trichloroethane	50.0	51.6	103	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.4	93	60-135	
1,1,2-Trichloroethane	50.0	45.5	91	69-130	
1,1-Dichloroethane	50.0	52.6	105	65-132	
1,1-Dichloroethene	50.0	52.3	105	80-120	
1,1-Dichloropropene	50.0	49.0	98	63-130	
1,2,3-Trichlorobenzene	50.0	41.3	83	62-139	
1,2,3-Trichloropropane	50.0	45.6	91	67-130	
1,2,4-Trichlorobenzene	50.0	43.0	86	66-135	
1,2,4-Trimethylbenzene	50.0	47.2	94	70-134	
1,2-Dibromo-3-Chloropropane	50.0	50.1	100	58-133	
1,2-Dibromoethane	50.0	46.2	92	70-130	
1,2-Dichlorobenzene	50.0	44.3	89	70-130	
1,2-Dichloroethane	50.0	45.2	90	54-135	
1,2-Dichloropropane	50.0	47.8	96	80-120	
1,3,5-Trimethylbenzene	50.0	45.5	91	70-139	
1,3-Dichlorobenzene	50.0	45.1	90	70-130	
1,3-Dichloropropane	50.0	45.6	91	69-130	
1,4-Dichlorobenzene	50.0	44.5	89	70-130	
2,2-Dichloropropane	50.0	53.2	106	60-148	
2-Butanone (MEK)	50.0	54.5	109	50-150	
Methyl n-butyl ketone (MNBK)	50.0	55.0	110	50-148	
4-Chlorotoluene	50.0	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.7	103	56-141	
Acetone	50.0	53.4	107	11-150	
Benzene	50.0	47.7	95	67-130	
Bromobenzene	50.0	44.8	90	70-130	
Chlorobromomethane	50.0	49.0	98	59-139	
Dichlorobromomethane	50.0	46.7	93	69-130	
Bromoform	50.0	39.8	80	67-140	
Bromomethane	50.0	56.4	113	10-150	
Carbon disulfide	50.0	59.2	118	36-150	
Carbon tetrachloride	50.0	48.3	97	60-134	
Chlorobenzene	50.0	45.2	90	70-130	
Chloroethane	50.0	57.8	116	57-150	
Chloroform	50.0	50.1	100	80-120	
Chloromethane	50.0	53.3	107	46-150	
cis-1,2-Dichloroethene	50.0	47.5	95	64-130	
cis-1,3-Dichloropropene	50.0	47.6	95	66-134	
Chlorodibromomethane	50.0	46.0	92	65-133	
Dibromomethane	50.0	45.8	92	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142233.D

Lab ID: LCS 550-288595/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.6	113	29-150	
Ethylbenzene	50.0	47.3	95	80-120	
Freon 113	50.0	55.3	111	37-150	
Hexachlorobutadiene	50.0	46.2	92	58-134	
Isopropylbenzene	50.0	48.3	97	70-139	
m-Xylene & p-Xylene	50.0	47.2	94	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	50.1	100	55-136	
Naphthalene	50.0	44.4	89	64-135	
n-Butylbenzene	50.0	49.1	98	70-136	
N-Propylbenzene	50.0	47.8	96	66-142	
o-Xylene	50.0	47.3	95	68-136	
4-Isopropyltoluene	50.0	48.5	97	67-138	
sec-Butylbenzene	50.0	48.8	98	66-135	
Styrene	50.0	46.7	93	69-135	
tert-Butylbenzene	50.0	47.7	95	64-135	
Tetrachloroethene	50.0	47.2	94	63-131	
Toluene	50.0	47.1	94	71-123	
trans-1,2-Dichloroethene	50.0	52.1	104	65-132	
trans-1,3-Dichloropropene	50.0	47.6	95	66-136	
Trichloroethene	50.0	47.5	95	67-130	
Trichlorofluoromethane	50.0	53.2	106	62-147	
Vinyl acetate	50.0	49.4	99	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	5	20	60-135	
1,1,2-Trichloroethane	50.0	45.9	92	2	20	69-130	
1,1-Dichloroethane	50.0	51.3	103	0	20	65-132	
1,1-Dichloroethene	50.0	50.4	101	0	23	80-120	
1,1-Dichloropropene	50.0	47.6	95	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	40.4	81	4	20	62-139	
1,2,3-Trichloropropane	50.0	45.4	91	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.6	85	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.0	92	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	7	21	58-133	
1,2-Dibromoethane	50.0	47.1	94	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.9	86	1	20	70-130	
1,2-Dichloroethane	50.0	44.8	90	1	20	54-135	
1,2-Dichloropropane	50.0	46.9	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.4	89	0	20	70-130	
1,3-Dichloropropane	50.0	46.3	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	2	20	70-130	
2,2-Dichloropropane	50.0	53.9	108	1	21	60-148	
2-Butanone (MEK)	50.0	59.0	118	12	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.1	118	11	29	50-148	
4-Chlorotoluene	50.0	45.7	91	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.9	112	9	23	56-141	
Acetone	50.0	49.7	99	13	35	11-150	
Benzene	50.0	46.1	92	0	20	67-130	
Bromobenzene	50.0	43.0	86	1	20	70-130	
Chlorobromomethane	50.0	48.7	97	1	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	39.6	79	3	20	67-140	
Bromomethane	50.0	56.3	113	1	31	10-150	
Carbon disulfide	50.0	58.6	117	0	26	36-150	
Carbon tetrachloride	50.0	46.3	93	0	20	60-134	
Chlorobenzene	50.0	44.7	89	2	20	70-130	
Chloroethane	50.0	57.9	116	2	29	57-150	
Chloroform	50.0	49.0	98	0	20	80-120	
Chloromethane	50.0	59.4	119	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	1	20	64-130	
cis-1,3-Dichloropropene	50.0	47.2	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	45.7	91	2	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	1	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	53.4	107	2	20	37-150	
Hexachlorobutadiene	50.0	43.8	88	4	20	58-134	
Isopropylbenzene	50.0	46.3	93	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.5	91	1	20	67-137	
Methyl tert-butyl ether	50.0	53.0	106	3	22	59-139	
Methylene Chloride	50.0	49.0	98	0	23	55-136	
Naphthalene	50.0	42.6	85	0	20	64-135	
n-Butylbenzene	50.0	48.5	97	0	20	70-136	
N-Propylbenzene	50.0	45.8	92	0	20	66-142	
o-Xylene	50.0	44.2	88	2	20	68-136	
4-Isopropyltoluene	50.0	47.4	95	1	20	67-138	
sec-Butylbenzene	50.0	46.1	92	1	20	66-135	
Styrene	50.0	44.2	88	0	20	69-135	
tert-Butylbenzene	50.0	45.7	91	0	20	64-135	
Tetrachloroethene	50.0	46.3	93	1	20	63-131	
Toluene	50.0	46.0	92	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.5	101	0	20	65-132	
trans-1,3-Dichloropropene	50.0	48.0	96	0	20	66-136	
Trichloroethene	50.0	45.9	92	1	20	67-130	
Trichlorofluoromethane	50.0	51.0	102	1	22	62-147	
Vinyl acetate	50.0	57.8	116	0	29	51-150	
Vinyl chloride	50.0	57.6	115	0	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142234.D

Lab ID: LCSD 550-288595/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	45.5	91	0	20	68-133	
1,1,1-Trichloroethane	50.0	52.5	105	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.5	87	6	20	60-135	
1,1,2-Trichloroethane	50.0	45.5	91	0	20	69-130	
1,1-Dichloroethane	50.0	52.3	105	0	20	65-132	
1,1-Dichloroethene	50.0	52.9	106	1	23	80-120	
1,1-Dichloropropene	50.0	50.0	100	2	20	63-130	
1,2,3-Trichlorobenzene	50.0	43.5	87	5	20	62-139	
1,2,3-Trichloropropane	50.0	43.1	86	6	20	67-130	
1,2,4-Trichlorobenzene	50.0	45.9	92	6	20	66-135	
1,2,4-Trimethylbenzene	50.0	47.1	94	0	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	48.8	98	3	21	58-133	
1,2-Dibromoethane	50.0	46.3	93	0	20	70-130	
1,2-Dichlorobenzene	50.0	43.2	86	3	20	70-130	
1,2-Dichloroethane	50.0	44.4	89	2	20	54-135	
1,2-Dichloropropane	50.0	47.5	95	0	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.5	93	2	20	70-139	
1,3-Dichlorobenzene	50.0	44.6	89	1	20	70-130	
1,3-Dichloropropane	50.0	46.6	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.1	88	1	20	70-130	
2,2-Dichloropropane	50.0	53.2	106	0	21	60-148	
2-Butanone (MEK)	50.0	57.5	115	5	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	54.7	109	1	29	50-148	
4-Chlorotoluene	50.0	45.4	91	0	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.8	104	0	23	56-141	
Acetone	50.0	51.4	103	4	35	11-150	
Benzene	50.0	47.2	94	1	20	67-130	
Bromobenzene	50.0	43.3	87	3	20	70-130	
Chlorobromomethane	50.0	48.1	96	2	20	59-139	
Dichlorobromomethane	50.0	45.6	91	2	20	69-130	
Bromoform	50.0	38.0	76	5	20	67-140	
Bromomethane	50.0	54.8	110	3	31	10-150	
Carbon disulfide	50.0	60.0	120	1	26	36-150	
Carbon tetrachloride	50.0	49.2	98	2	20	60-134	
Chlorobenzene	50.0	45.6	91	1	20	70-130	
Chloroethane	50.0	56.0	112	3	29	57-150	
Chloroform	50.0	49.6	99	1	20	80-120	
Chloromethane	50.0	51.1	102	4	30	46-150	
cis-1,2-Dichloroethene	50.0	46.3	93	3	20	64-130	
cis-1,3-Dichloropropene	50.0	46.0	92	3	20	66-134	
Chlorodibromomethane	50.0	45.0	90	2	20	65-133	
Dibromomethane	50.0	45.6	91	0	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142234.D

Lab ID: LCSD 550-288595/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.7	113	0	30	29-150	
Ethylbenzene	50.0	48.3	97	2	20	80-120	
Freon 113	50.0	57.0	114	3	20	37-150	
Hexachlorobutadiene	50.0	50.8	102	9	20	58-134	
Isopropylbenzene	50.0	49.4	99	2	20	70-139	
m-Xylene & p-Xylene	50.0	47.1	94	0	20	67-137	
Methyl tert-butyl ether	50.0	50.9	102	1	22	59-139	
Methylene Chloride	50.0	49.3	99	2	23	55-136	
Naphthalene	50.0	45.5	91	3	20	64-135	
n-Butylbenzene	50.0	52.4	105	7	20	70-136	
N-Propylbenzene	50.0	48.7	97	2	20	66-142	
o-Xylene	50.0	46.7	93	1	20	68-136	
4-Isopropyltoluene	50.0	51.0	102	5	20	67-138	
sec-Butylbenzene	50.0	51.4	103	5	20	66-135	
Styrene	50.0	45.6	91	2	20	69-135	
tert-Butylbenzene	50.0	50.7	101	6	20	64-135	
Tetrachloroethene	50.0	48.3	97	2	20	63-131	
Toluene	50.0	47.2	94	0	20	71-123	
trans-1,2-Dichloroethene	50.0	52.0	104	0	20	65-132	
trans-1,3-Dichloropropene	50.0	46.7	93	2	20	66-136	
Trichloroethene	50.0	48.7	97	2	20	67-130	
Trichlorofluoromethane	50.0	54.5	109	2	22	62-147	
Vinyl acetate	50.0	48.8	98	1	29	51-150	
Vinyl chloride	50.0	58.7	117	2	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142210.D

Lab ID: 550-193180-1 MS Client ID: R-04_I2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	45.5	91	62-139	
1,1,1-Trichloroethane	50.0	ND	49.1	98	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	44.1	88	52-150	
1,1,2-Trichloroethane	50.0	ND	45.5	91	62-137	
1,1-Dichloroethane	50.0	ND	51.4	103	58-145	
1,1-Dichloroethene	50.0	ND	48.9	98	50-150	
1,1-Dichloropropene	50.0	ND	44.9	90	50-142	
1,2,3-Trichlorobenzene	50.0	ND	35.4	71	52-144	
1,2,3-Trichloropropane	50.0	ND	41.5	83	59-138	
1,2,4-Trichlorobenzene	50.0	ND	39.2	78	54-140	
1,2,4-Trimethylbenzene	50.0	ND	44.7	89	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	40.7	81	41-149	
1,2-Dibromoethane	50.0	ND	45.9	92	67-136	
1,2-Dichlorobenzene	50.0	ND	42.6	85	64-132	
1,2-Dichloroethane	50.0	ND	44.3	89	47-146	
1,2-Dichloropropane	50.0	ND	46.6	93	59-140	
1,3,5-Trimethylbenzene	50.0	ND	44.5	89	34-150	
1,3-Dichlorobenzene	50.0	ND	44.5	89	67-130	
1,3-Dichloropropane	50.0	ND	45.9	92	65-140	
1,4-Dichlorobenzene	50.0	ND	44.3	89	67-128	
2,2-Dichloropropane	50.0	ND	52.1	104	54-150	
2-Butanone (MEK)	50.0	ND	51.4	103	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	49.8	100	37-150	
4-Chlorotoluene	50.0	ND	45.0	90	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	48.2	96	41-150	
Acetone	50.0	ND	40.4	81	10-150	
Benzene	50.0	ND	45.2	90	54-142	
Bromobenzene	50.0	ND	44.0	88	67-132	
Chlorobromomethane	50.0	ND	49.9	100	55-147	
Dichlorobromomethane	50.0	ND	46.1	92	61-143	
Bromoform	50.0	ND	39.4	79	57-148	
Bromomethane	50.0	ND	54.5	109	56-149	
Carbon disulfide	50.0	ND	56.1	112	23-150	
Carbon tetrachloride	50.0	ND	44.4	89	51-143	
Chlorobenzene	50.0	ND	45.1	90	69-129	
Chloroethane	50.0	ND	55.0	110	41-150	
Chloroform	50.0	ND	49.6	99	60-148	
Chloromethane	50.0	ND	55.7	111	29-150	
cis-1,2-Dichloroethene	50.0	ND	45.1	90	57-139	
cis-1,3-Dichloropropene	50.0	ND	47.6	95	57-145	
Chlorodibromomethane	50.0	ND	46.6	93	61-143	
Dibromomethane	50.0	ND	45.2	90	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142210.D

Lab ID: 550-193180-1 MS Client ID: R-04_I2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	51.3	103	20-150	
Ethylbenzene	50.0	ND	45.7	91	46-149	
Freon 113	50.0	ND	50.3	101	10-150	
Hexachlorobutadiene	50.0	ND	37.8	76	48-146	
Isopropylbenzene	50.0	ND	44.8	90	56-146	
m-Xylene & p-Xylene	50.0	ND	44.4	89	47-150	
Methyl tert-butyl ether	50.0	ND	52.7	105	51-150	
Methylene Chloride	50.0	ND	49.4	99	43-150	
Naphthalene	50.0	ND	35.7	71	32-150	
n-Butylbenzene	50.0	ND	44.7	89	54-146	
N-Propylbenzene	50.0	ND	44.2	88	54-150	
o-Xylene	50.0	ND	44.9	90	52-150	
4-Isopropyltoluene	50.0	ND	44.7	89	53-147	
sec-Butylbenzene	50.0	ND	43.4	87	54-145	
Styrene	50.0	ND	45.3	91	20-150	
tert-Butylbenzene	50.0	ND	43.9	88	57-143	
Tetrachloroethene	50.0	ND	44.3	89	37-150	
Toluene	50.0	ND	45.7	91	54-141	
trans-1,2-Dichloroethene	50.0	ND	49.9	100	58-140	
trans-1,3-Dichloropropene	50.0	ND	48.3	97	57-147	
Trichloroethene	50.0	ND	44.9	90	58-134	
Trichlorofluoromethane	50.0	ND	49.3	99	46-150	
Vinyl acetate	50.0	ND	57.9	116	10-150	
Vinyl chloride	50.0	ND	52.9	106	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142211.D

Lab ID: 550-193180-1 MSD Client ID: R-04_I2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	46.0	92	1	35	62-139	
1,1,1-Trichloroethane	50.0	49.4	99	1	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	42.3	85	4	35	52-150	
1,1,2-Trichloroethane	50.0	45.1	90	1	35	62-137	
1,1-Dichloroethane	50.0	52.1	104	1	35	58-145	
1,1-Dichloroethene	50.0	49.9	100	2	35	50-150	
1,1-Dichloropropene	50.0	46.1	92	3	35	50-142	
1,2,3-Trichlorobenzene	50.0	36.2	72	2	35	52-144	
1,2,3-Trichloropropane	50.0	40.2	80	3	35	59-138	
1,2,4-Trichlorobenzene	50.0	39.6	79	1	35	54-140	
1,2,4-Trimethylbenzene	50.0	44.5	89	0	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	39.7	79	2	35	41-149	
1,2-Dibromoethane	50.0	45.5	91	1	35	67-136	
1,2-Dichlorobenzene	50.0	42.1	84	1	35	64-132	
1,2-Dichloroethane	50.0	44.5	89	0	35	47-146	
1,2-Dichloropropane	50.0	47.4	95	2	35	59-140	
1,3,5-Trimethylbenzene	50.0	42.0	84	6	35	34-150	
1,3-Dichlorobenzene	50.0	43.5	87	2	35	67-130	
1,3-Dichloropropane	50.0	45.3	91	1	35	65-140	
1,4-Dichlorobenzene	50.0	43.8	88	1	35	67-128	
2,2-Dichloropropane	50.0	52.9	106	2	35	54-150	
2-Butanone (MEK)	50.0	45.9	92	11	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	46.4	93	7	35	37-150	
4-Chlorotoluene	50.0	44.4	89	1	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	45.4	91	6	35	41-150	
Acetone	50.0	38.1	76	6	35	10-150	
Benzene	50.0	46.3	93	2	35	54-142	
Bromobenzene	50.0	44.2	88	0	35	67-132	
Chlorobromomethane	50.0	49.7	99	0	35	55-147	
Dichlorobromomethane	50.0	46.6	93	1	35	61-143	
Bromoform	50.0	38.3	77	3	35	57-148	
Bromomethane	50.0	54.4	109	0	35	56-149	
Carbon disulfide	50.0	56.9	114	1	35	23-150	
Carbon tetrachloride	50.0	45.0	90	1	35	51-143	
Chlorobenzene	50.0	45.2	90	0	35	69-129	
Chloroethane	50.0	53.8	108	2	35	41-150	
Chloroform	50.0	50.0	100	1	35	60-148	
Chloromethane	50.0	57.4	115	3	35	29-150	
cis-1,2-Dichloroethene	50.0	46.1	92	2	35	57-139	
cis-1,3-Dichloropropene	50.0	48.7	97	2	35	57-145	
Chlorodibromomethane	50.0	46.7	93	0	35	61-143	
Dibromomethane	50.0	45.2	90	0	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142211.D

Lab ID: 550-193180-1 MSD Client ID: R-04_I2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.5	105	2	35	20-150	
Ethylbenzene	50.0	46.3	93	1	35	46-149	
Freon 113	50.0	52.0	104	3	35	10-150	
Hexachlorobutadiene	50.0	38.8	78	3	35	48-146	
Isopropylbenzene	50.0	44.8	90	0	35	56-146	
m-Xylene & p-Xylene	50.0	45.2	90	2	35	47-150	
Methyl tert-butyl ether	50.0	51.5	103	2	35	51-150	
Methylene Chloride	50.0	50.2	100	1	35	43-150	
Naphthalene	50.0	36.1	72	1	35	32-150	
n-Butylbenzene	50.0	44.0	88	1	35	54-146	
N-Propylbenzene	50.0	44.1	88	0	35	54-150	
o-Xylene	50.0	45.0	90	0	35	52-150	
4-Isopropyltoluene	50.0	43.5	87	3	35	53-147	
sec-Butylbenzene	50.0	43.1	86	1	35	54-145	
Styrene	50.0	45.3	91	0	35	20-150	
tert-Butylbenzene	50.0	42.3	85	4	35	57-143	
Tetrachloroethene	50.0	45.2	90	2	35	37-150	
Toluene	50.0	46.6	93	2	35	54-141	
trans-1,2-Dichloroethene	50.0	50.9	102	2	35	58-140	
trans-1,3-Dichloropropene	50.0	48.7	97	1	35	57-147	
Trichloroethene	50.0	45.7	91	2	35	58-134	
Trichlorofluoromethane	50.0	49.6	99	1	35	46-150	
Vinyl acetate	50.0	56.3	113	3	35	10-150	
Vinyl chloride	50.0	54.3	109	3	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab File ID: 11142206.D Lab Sample ID: MB 550-288554/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 10:52

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288554/3	11142203.D	11/14/2022 09:49
	LCSD 550-288554/4	11142204.D	11/14/2022 10:10
R-04_I2_11-2022 MS	550-193180-1 MS	11142210.D	11/14/2022 12:16
R-04_I2_11-2022 MSD	550-193180-1 MSD	11142211.D	11/14/2022 12:37
R-04_I2_11-2022	550-193180-1	11142212.D	11/14/2022 12:57
TB-02_11-2022	550-193180-4	11142214.D	11/14/2022 13:39
R-33_I2_11-2022	550-193180-9	11142215.D	11/14/2022 14:00
R-33_I1_11-2022	550-193180-10	11142216.D	11/14/2022 14:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab File ID: 11142236.D Lab Sample ID: MB 550-288595/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 21:20

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288595/3	11142233.D	11/14/2022 20:18
	LCSD 550-288595/4	11142234.D	11/14/2022 20:39
R-25_11-2022	550-193180-2	11142243.D	11/14/2022 23:47
R-908_I2_11-2022	550-193180-3	11142244.D	11/15/2022 00:08
SMW-7D_11-2022	550-193180-5	11142245.D	11/15/2022 00:29
EWMW-1_11-2022	550-193180-6	11142246.D	11/15/2022 00:50
EX-13_11-2022	550-193180-7	11142247.D	11/15/2022 01:11
SMW-5D_11-2022	550-193180-8	11142248.D	11/15/2022 01:32
SMW-4D_11-2022	550-193180-11	11142249.D	11/15/2022 01:53
EB-02_11-2022	550-193180-13	11142253.D	11/15/2022 03:17
R-24_11-2022	550-193180-12	11142254.D	11/15/2022 03:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab File ID: 11142201.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 08:37

Analysis Batch No.: 288554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	98.7	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288554/2	11142202.D	11/14/2022	9:28
	LCS 550-288554/3	11142203.D	11/14/2022	9:49
	LCSD 550-288554/4	11142204.D	11/14/2022	10:10
	MB 550-288554/6	11142206.D	11/14/2022	10:52
R-04_I2_11-2022 MS	550-193180-1 MS	11142210.D	11/14/2022	12:16
R-04_I2_11-2022 MSD	550-193180-1 MSD	11142211.D	11/14/2022	12:37
R-04_I2_11-2022	550-193180-1	11142212.D	11/14/2022	12:57
TB-02_11-2022	550-193180-4	11142214.D	11/14/2022	13:39
R-33_I2_11-2022	550-193180-9	11142215.D	11/14/2022	14:00
R-33_I1_11-2022	550-193180-10	11142216.D	11/14/2022	14:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab File ID: 11142230.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 19:15

Analysis Batch No.: 288595

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	104.3	
175	5.0 - 9.0 % of mass 174	8.0	(7.7) 1
176	95.0 - 101.0 % of mass 174	102.0	(97.8) 1
177	5.0 - 9.0 % of mass 176	7.3	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288595/2	11142232.D	11/14/2022	19:56
	LCS 550-288595/3	11142233.D	11/14/2022	20:18
	LCSD 550-288595/4	11142234.D	11/14/2022	20:39
	MB 550-288595/6	11142236.D	11/14/2022	21:20
R-25_11-2022	550-193180-2	11142243.D	11/14/2022	23:47
R-908_I2_11-2022	550-193180-3	11142244.D	11/15/2022	0:08
SMW-7D_11-2022	550-193180-5	11142245.D	11/15/2022	0:29
EWMW-1_11-2022	550-193180-6	11142246.D	11/15/2022	0:50
EX-13_11-2022	550-193180-7	11142247.D	11/15/2022	1:11
SMW-5D_11-2022	550-193180-8	11142248.D	11/15/2022	1:32
SMW-4D_11-2022	550-193180-11	11142249.D	11/15/2022	1:53
EB-02_11-2022	550-193180-13	11142253.D	11/15/2022	3:17
R-24_11-2022	550-193180-12	11142254.D	11/15/2022	3:38

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288554/2		153642	4.34	1079796	7.34	845101	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288554/2		496532	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		153642	4.34	1079796	7.34	845101	9.97
UPPER LIMIT		307284	4.84	2159592	7.84	1690202	10.47
LOWER LIMIT		76821	3.84	539898	6.84	422551	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		172893	4.33	1096549	7.33	858827	9.97
LCSD 550-288554/4		209788	4.33	1086471	7.33	859433	9.97
MB 550-288554/6		162830	4.32	1071195	7.33	788220	9.97
550-193180-1 MS	R-04_I2_11-2022 MS	151921	4.34	1104973	7.34	894254	9.97
550-193180-1 MSD	R-04_I2_11-2022 MSD	143609	4.33	1110987	7.33	888471	9.97
550-193180-1	R-04_I2_11-2022	159306	4.32	1088533	7.33	837956	9.97
550-193180-4	TB-02_11-2022	161580	4.33	1075061	7.34	833456	9.97
550-193180-9	R-33_I2_11-2022	124632	4.33	1069380	7.34	815729	9.97
550-193180-10	R-33_I1_11-2022	128424	4.33	1052543	7.32	814009	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496532	11.84				
UPPER LIMIT		993064	12.34				
LOWER LIMIT		248266	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		491570	11.84				
LCSD 550-288554/4		492470	11.85				
MB 550-288554/6		475441	11.84				
550-193180-1 MS	R-04_I2_11-2022 MS	509028	11.84				
550-193180-1 MSD	R-04_I2_11-2022 MSD	504857	11.84				
550-193180-1	R-04_I2_11-2022	506904	11.84				
550-193180-4	TB-02_11-2022	506581	11.84				
550-193180-9	R-33_I2_11-2022	494369	11.84				
550-193180-10	R-33_I1_11-2022	494304	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: CCVIS 550-288595/2 Date Analyzed: 11/14/2022 19:56

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142232.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		161604	4.33	964891	7.33	751199	9.97
UPPER LIMIT		323208	4.83	1929782	7.83	1502398	10.47
LOWER LIMIT		80802	3.83	482446	6.83	375600	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288595/3		162156	4.32	984846	7.33	769398	9.97
LCSD 550-288595/4		170530	4.31	1004886	7.33	791177	9.97
MB 550-288595/6		155245	4.32	1019029	7.33	795768	9.97
550-193180-2	R-25_11-2022	133274	4.33	1002415	7.32	780986	9.97
550-193180-3	R-908_I2_11-2022	117415	4.32	1066161	7.32	835696	9.97
550-193180-5	SMW-7D_11-2022	125932	4.33	977784	7.34	758698	9.97
550-193180-6	EWMW-1_11-2022	104416	4.33	973124	7.34	741323	9.97
550-193180-7	EX-13_11-2022	104176	4.33	947460	7.34	726235	9.97
550-193180-8	SMW-5D_11-2022	131550	4.33	953450	7.33	731310	9.97
550-193180-11	SMW-4D_11-2022	105127	4.33	931203	7.34	705146	9.98
550-193180-13	EB-02_11-2022	107397	4.33	905648	7.34	688526	9.97
550-193180-12	R-24_11-2022	116504	4.34	925058	7.34	717687	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Sample No.: CCVIS 550-288595/2 Date Analyzed: 11/14/2022 19:56

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142232.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		424157	11.84				
UPPER LIMIT		848314	12.34				
LOWER LIMIT		212079	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288595/3		423345	11.84				
LCSD 550-288595/4		445694	11.84				
MB 550-288595/6		482598	11.84				
550-193180-2	R-25_11-2022	473705	11.84				
550-193180-3	R-908_I2_11-2022	481987	11.84				
550-193180-5	SMW-7D_11-2022	461748	11.84				
550-193180-6	EWMW-1_11-2022	446694	11.84				
550-193180-7	EX-13_11-2022	442254	11.84				
550-193180-8	SMW-5D_11-2022	431505	11.84				
550-193180-11	SMW-4D_11-2022	412030	11.85				
550-193180-13	EB-02_11-2022	405081	11.84				
550-193180-12	R-24_11-2022	421245	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 | Lab Sample ID: 550-193180-1

Matrix: Water | Lab File ID: 11142212.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 | Lab Sample ID: 550-193180-1

Matrix: Water | Lab File ID: 11142212.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.1	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 Lab Sample ID: 550-193180-1

Matrix: Water Lab File ID: 11142212.D

Analysis Method: 8260B Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 12:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-25_11-2022 | Lab Sample ID: 550-193180-2

Matrix: Water | Lab File ID: 11142243.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:57

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-25_11-2022 | Lab Sample ID: 550-193180-2

Matrix: Water | Lab File ID: 11142243.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:57

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	1.0	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-25_11-2022 | Lab Sample ID: 550-193180-2

Matrix: Water | Lab File ID: 11142243.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:57

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 23:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-908_I2_11-2022 | Lab Sample ID: 550-193180-3

Matrix: Water | Lab File ID: 11142244.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-908_I2_11-2022 | Lab Sample ID: 550-193180-3

Matrix: Water | Lab File ID: 11142244.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.7	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	23		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	11		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-908_I2_11-2022 Lab Sample ID: 550-193180-3

Matrix: Water Lab File ID: 11142244.D

Analysis Method: 8260B Date Collected: 11/03/2022 10:40

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 00:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: TB-02_11-2022 | Lab Sample ID: 550-193180-4

Matrix: Water | Lab File ID: 11142214.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 13:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: TB-02_11-2022 | Lab Sample ID: 550-193180-4

Matrix: Water | Lab File ID: 11142214.D

Analysis Method: 8260B | Date Collected: 11/02/2022 15:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 13:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.81	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: TB-02_11-2022 Lab Sample ID: 550-193180-4

Matrix: Water Lab File ID: 11142214.D

Analysis Method: 8260B Date Collected: 11/02/2022 15:55

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 13:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-7D_11-2022 | Lab Sample ID: 550-193180-5

Matrix: Water | Lab File ID: 11142245.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-7D_11-2022 | Lab Sample ID: 550-193180-5

Matrix: Water | Lab File ID: 11142245.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	7.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	5.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-7D_11-2022 | Lab Sample ID: 550-193180-5

Matrix: Water | Lab File ID: 11142245.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EWMW-1_11-2022 | Lab Sample ID: 550-193180-6

Matrix: Water | Lab File ID: 11142246.D

Analysis Method: 8260B | Date Collected: 11/03/2022 09:54

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EWMW-1_11-2022 | Lab Sample ID: 550-193180-6

Matrix: Water | Lab File ID: 11142246.D

Analysis Method: 8260B | Date Collected: 11/03/2022 09:54

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EWMW-1_11-2022 | Lab Sample ID: 550-193180-6

Matrix: Water | Lab File ID: 11142246.D

Analysis Method: 8260B | Date Collected: 11/03/2022 09:54

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 00:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EX-13_11-2022 | Lab Sample ID: 550-193180-7

Matrix: Water | Lab File ID: 11142247.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EX-13_11-2022 | Lab Sample ID: 550-193180-7

Matrix: Water | Lab File ID: 11142247.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	1.5	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EX-13_11-2022 | Lab Sample ID: 550-193180-7

Matrix: Water | Lab File ID: 11142247.D

Analysis Method: 8260B | Date Collected: 11/03/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-5D_11-2022 | Lab Sample ID: 550-193180-8

Matrix: Water | Lab File ID: 11142248.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	12	J	20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-5D_11-2022 | Lab Sample ID: 550-193180-8

Matrix: Water | Lab File ID: 11142248.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	0.79	J	5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	75		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	3.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	53		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-5D_11-2022 | Lab Sample ID: 550-193180-8

Matrix: Water | Lab File ID: 11142248.D

Analysis Method: 8260B | Date Collected: 11/03/2022 10:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I2_11-2022 | Lab Sample ID: 550-193180-9

Matrix: Water | Lab File ID: 11142215.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I2_11-2022 | Lab Sample ID: 550-193180-9

Matrix: Water | Lab File ID: 11142215.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.70	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I2_11-2022 | Lab Sample ID: 550-193180-9

Matrix: Water | Lab File ID: 11142215.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I1_11-2022 | Lab Sample ID: 550-193180-10

Matrix: Water | Lab File ID: 11142216.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I1_11-2022 | Lab Sample ID: 550-193180-10

Matrix: Water | Lab File ID: 11142216.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.63	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-33_I1_11-2022 | Lab Sample ID: 550-193180-10

Matrix: Water | Lab File ID: 11142216.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-4D_11-2022 | Lab Sample ID: 550-193180-11

Matrix: Water | Lab File ID: 11142249.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-4D_11-2022 | Lab Sample ID: 550-193180-11

Matrix: Water | Lab File ID: 11142249.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	4.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.2	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	5.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: SMW-4D_11-2022 | Lab Sample ID: 550-193180-11

Matrix: Water | Lab File ID: 11142249.D

Analysis Method: 8260B | Date Collected: 11/03/2022 11:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 01:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-24_11-2022 | Lab Sample ID: 550-193180-12

Matrix: Water | Lab File ID: 11142254.D

Analysis Method: 8260B | Date Collected: 11/03/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-24_11-2022 | Lab Sample ID: 550-193180-12

Matrix: Water | Lab File ID: 11142254.D

Analysis Method: 8260B | Date Collected: 11/03/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	2.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	1.9	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-24_11-2022 | Lab Sample ID: 550-193180-12

Matrix: Water | Lab File ID: 11142254.D

Analysis Method: 8260B | Date Collected: 11/03/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EB-02_11-2022 | Lab Sample ID: 550-193180-13

Matrix: Water | Lab File ID: 11142253.D

Analysis Method: 8260B | Date Collected: 11/03/2022 16:08

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 03:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: EB-02_11-2022 | Lab Sample ID: 550-193180-13

Matrix: Water | Lab File ID: 11142253.D

Analysis Method: 8260B | Date Collected: 11/03/2022 16:08

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 03:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	1.3	J	2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: EB-02_11-2022 Lab Sample ID: 550-193180-13

Matrix: Water Lab File ID: 11142253.D

Analysis Method: 8260B Date Collected: 11/03/2022 16:08

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 03:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188	42024	78737	206697	410767	0.500	1.00	2.00	5.00	10.0
			1011919	1817393	2925530	4137291		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	25006	46259	91779	240694	483514	0.500	1.00	2.00	5.00	10.0
			1114906	1935535	3256219	4729715		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602	49398	96879	251844	502992	0.500	1.00	2.00	5.00	10.0
			1206372	2076668	3452051	4988214		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	31737	59115	116071	306873	613132	0.500	1.00	2.00	5.00	10.0
			1397170	2442130	4131905	5954380		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	18204	32162	63978	161734	320044	0.500	1.00	2.00	5.00	10.0
			782193	1373413	2207118	3219631		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	30674	56668	111423	295543	587952	0.500	1.00	2.00	5.00	10.0
			1338220	2309199	3889447	5687819		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	18081	33153	62813	161066	316239	0.500	1.00	2.00	5.00	10.0
			774798	1337786	2139443	3123296		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	26110	48862	97171	254863	501452	0.500	1.00	2.00	5.00	10.0
			1081192	1824868	3087386	4451351		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	16275	31664	61906	153686	304555	0.500	1.00	2.00	5.00	10.0
			745964	1286930	2063903	2937840		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	2115	3925	9662	20545	+++++	1.00	2.00	5.00	10.0
			52427	108561	161361	215067		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013	26264	51354	123692	240612	0.500	1.00	2.00	5.00	10.0
			527877	825209	1387789	2003749		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193180-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

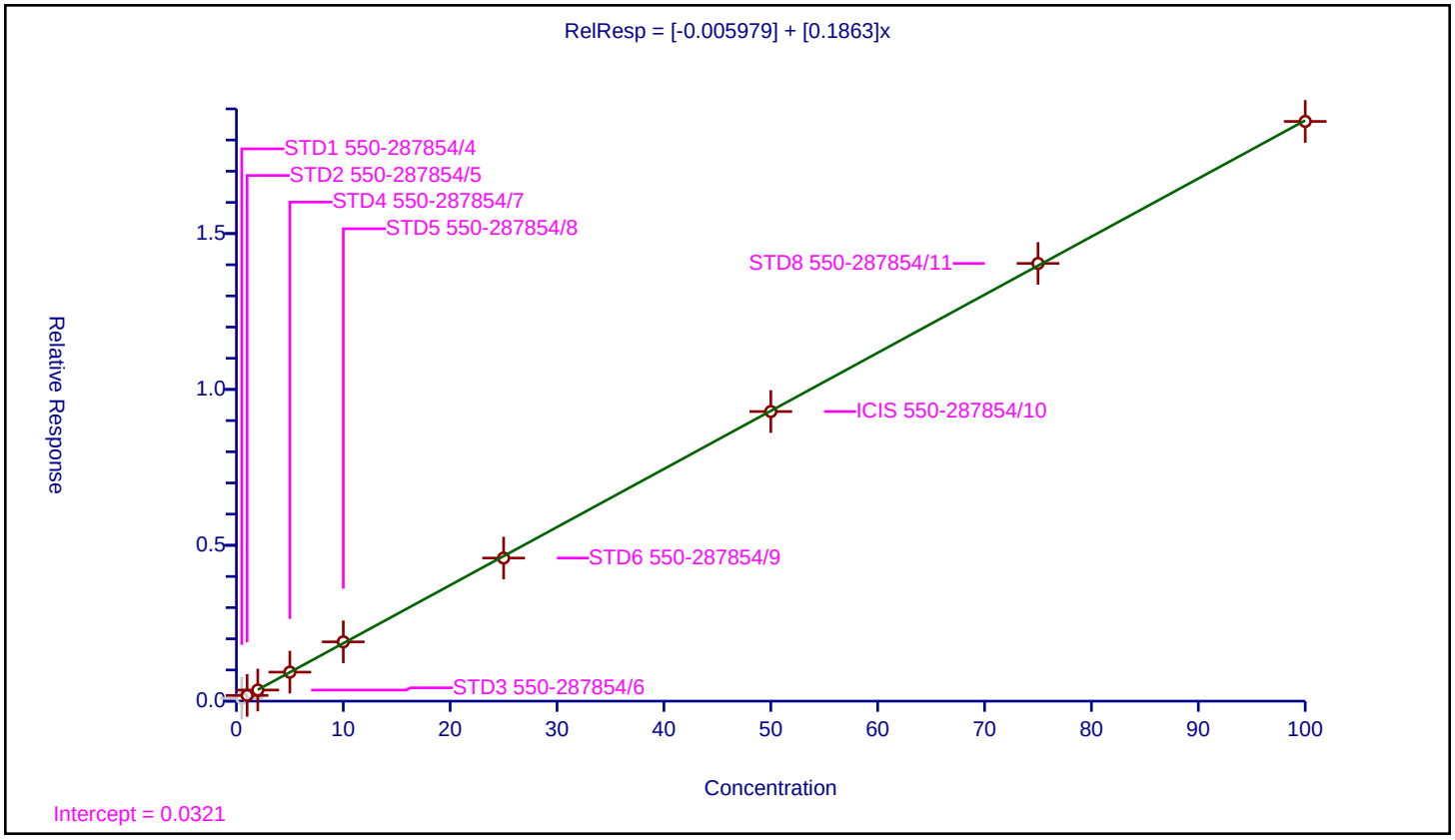
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

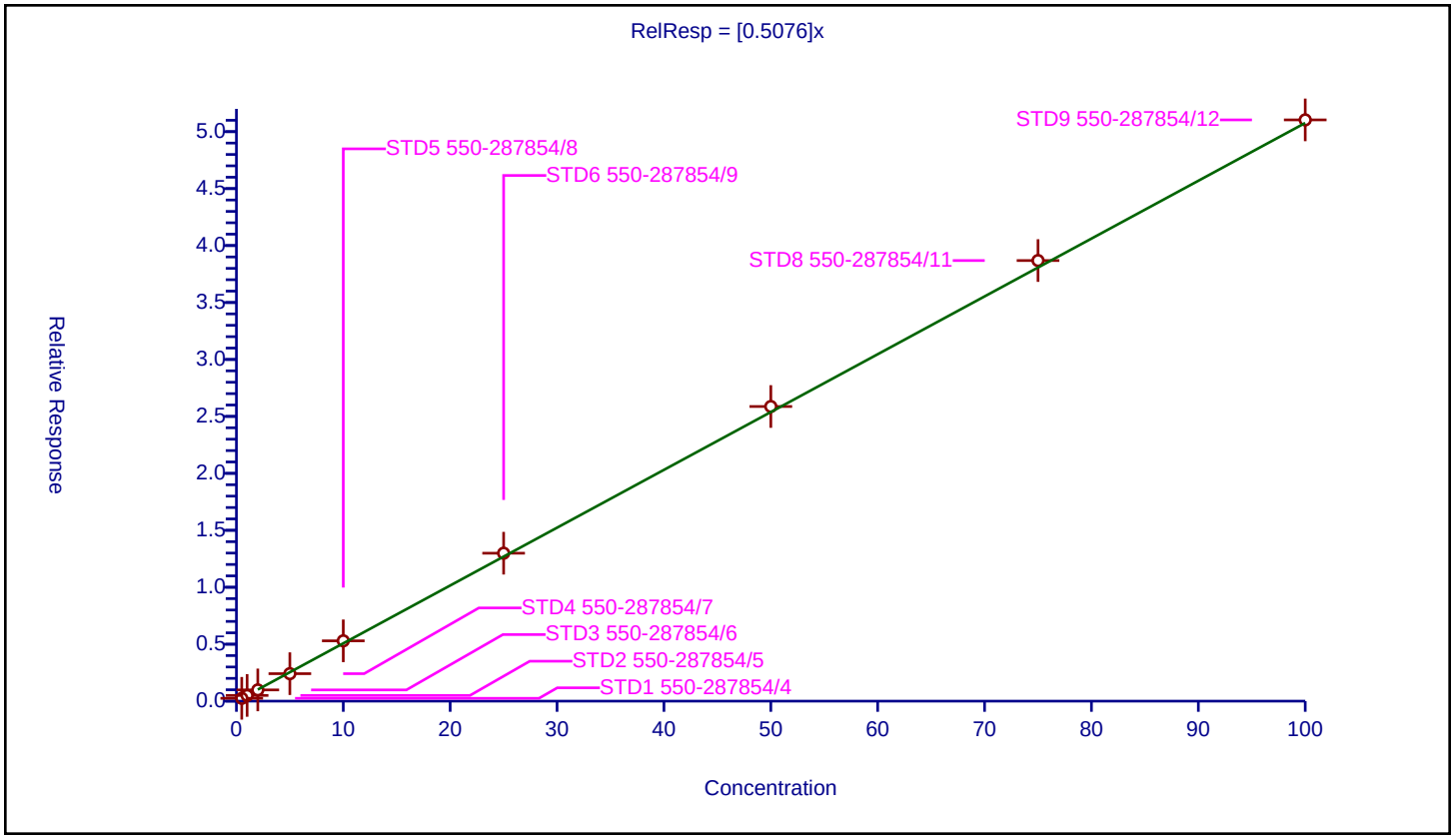
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

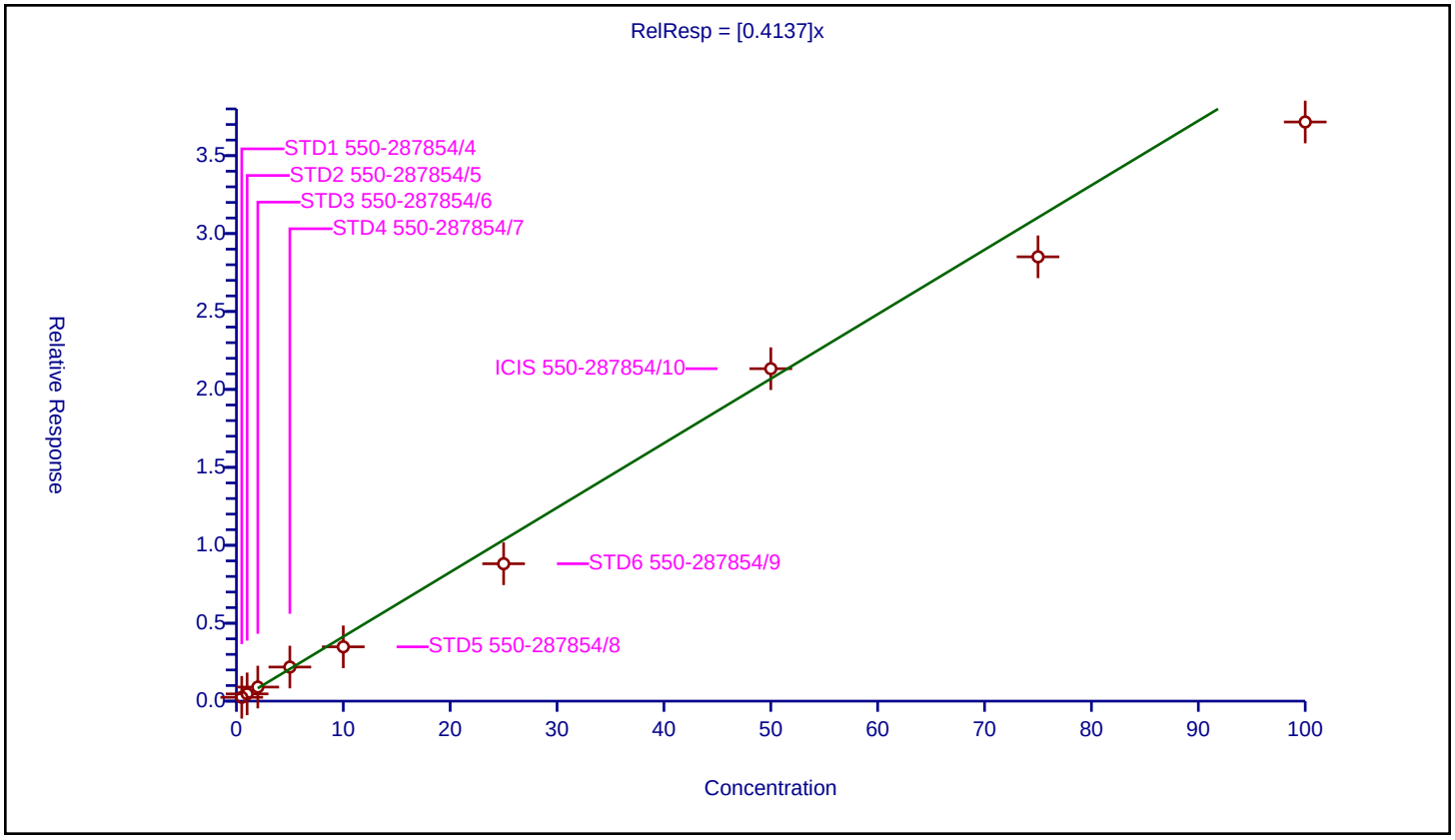
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

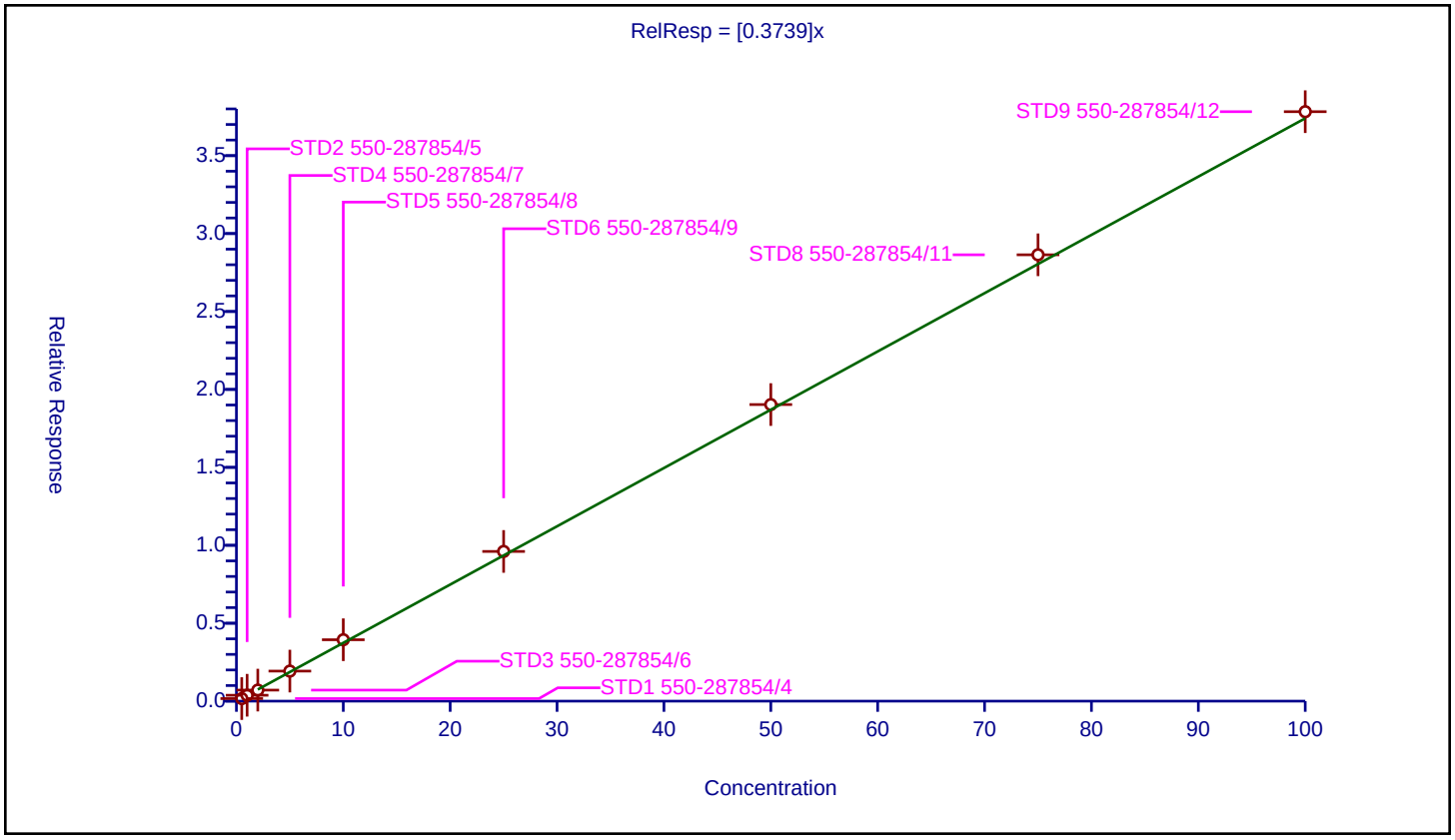
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

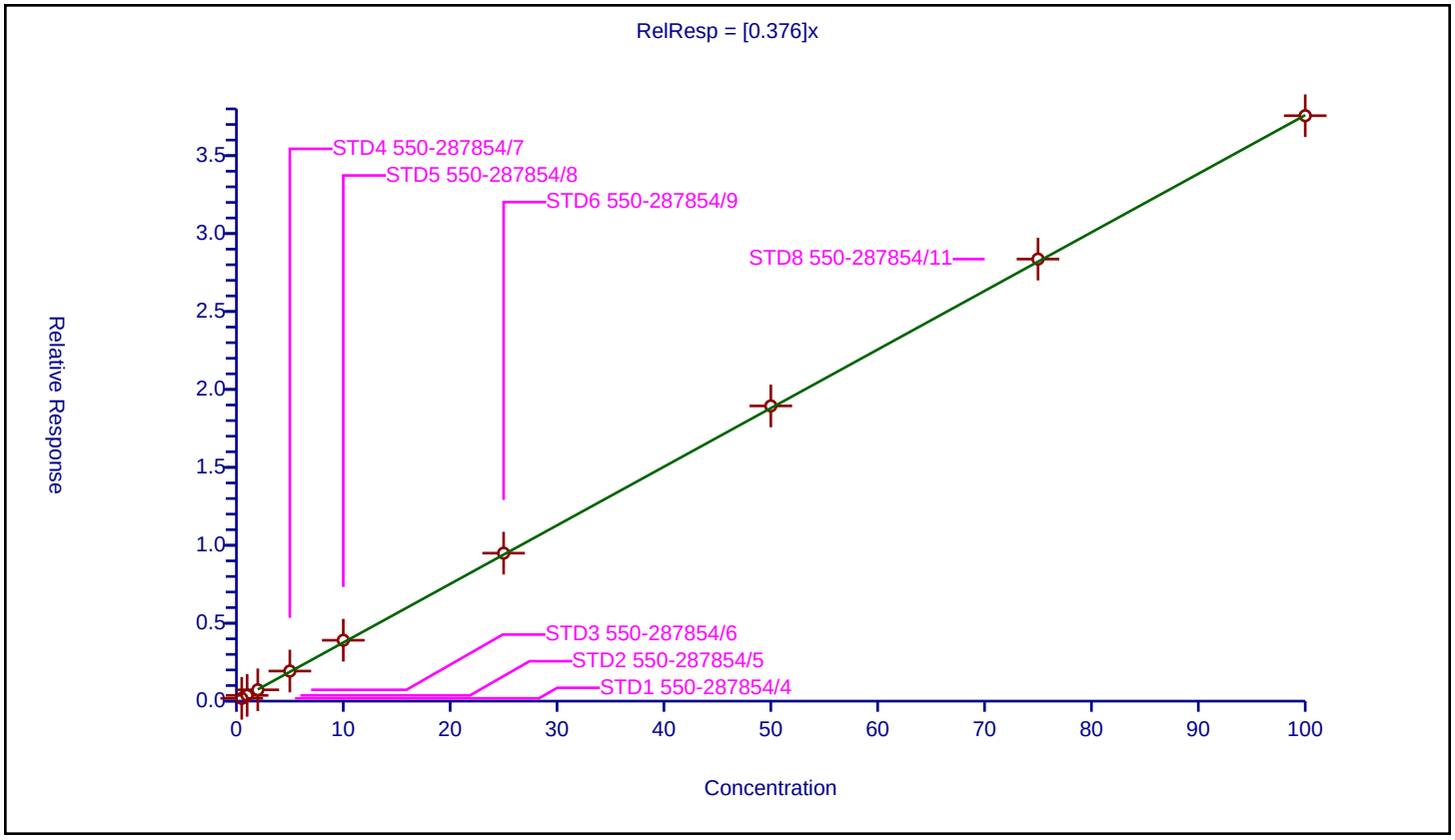
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

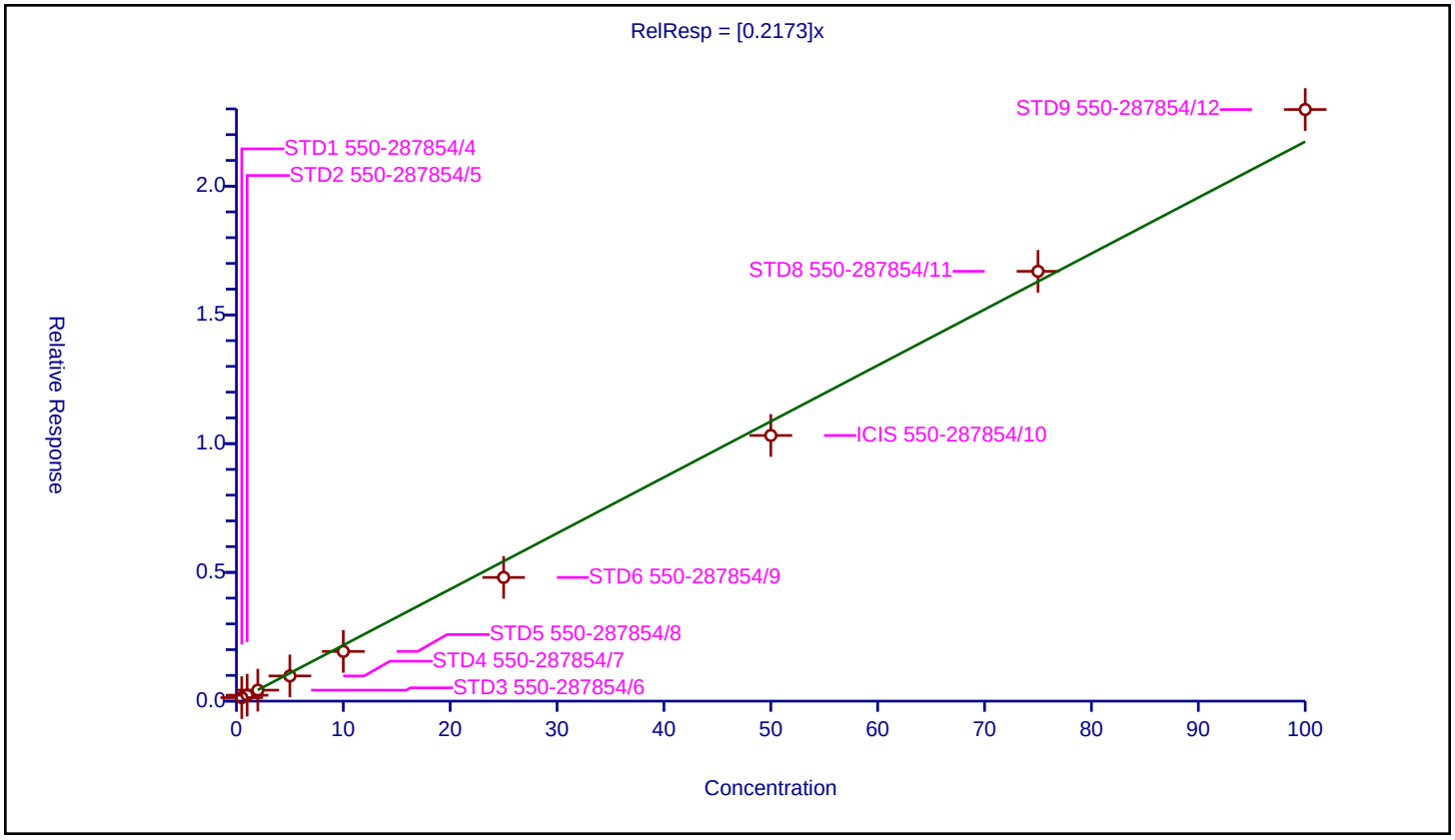
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

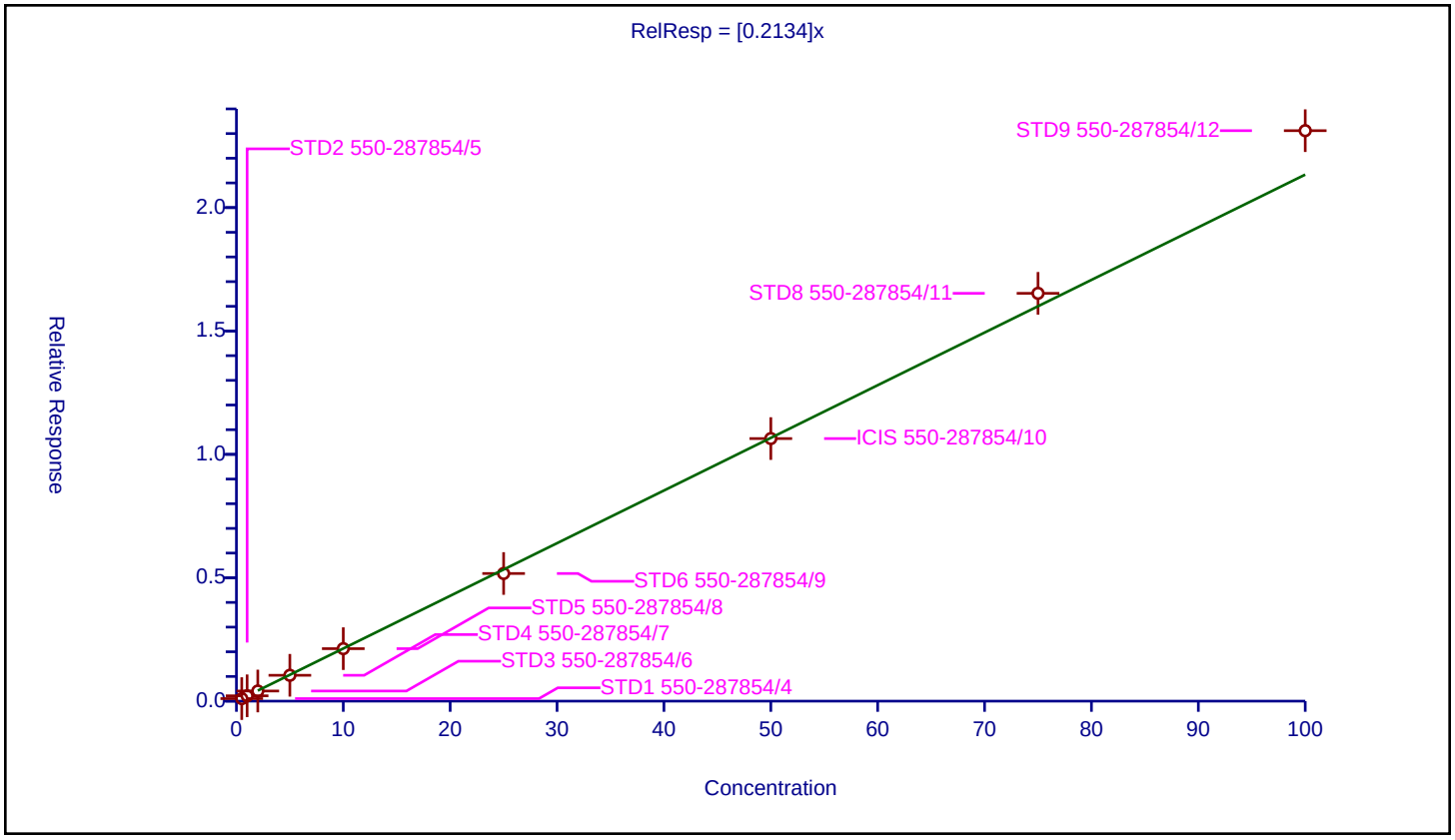
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

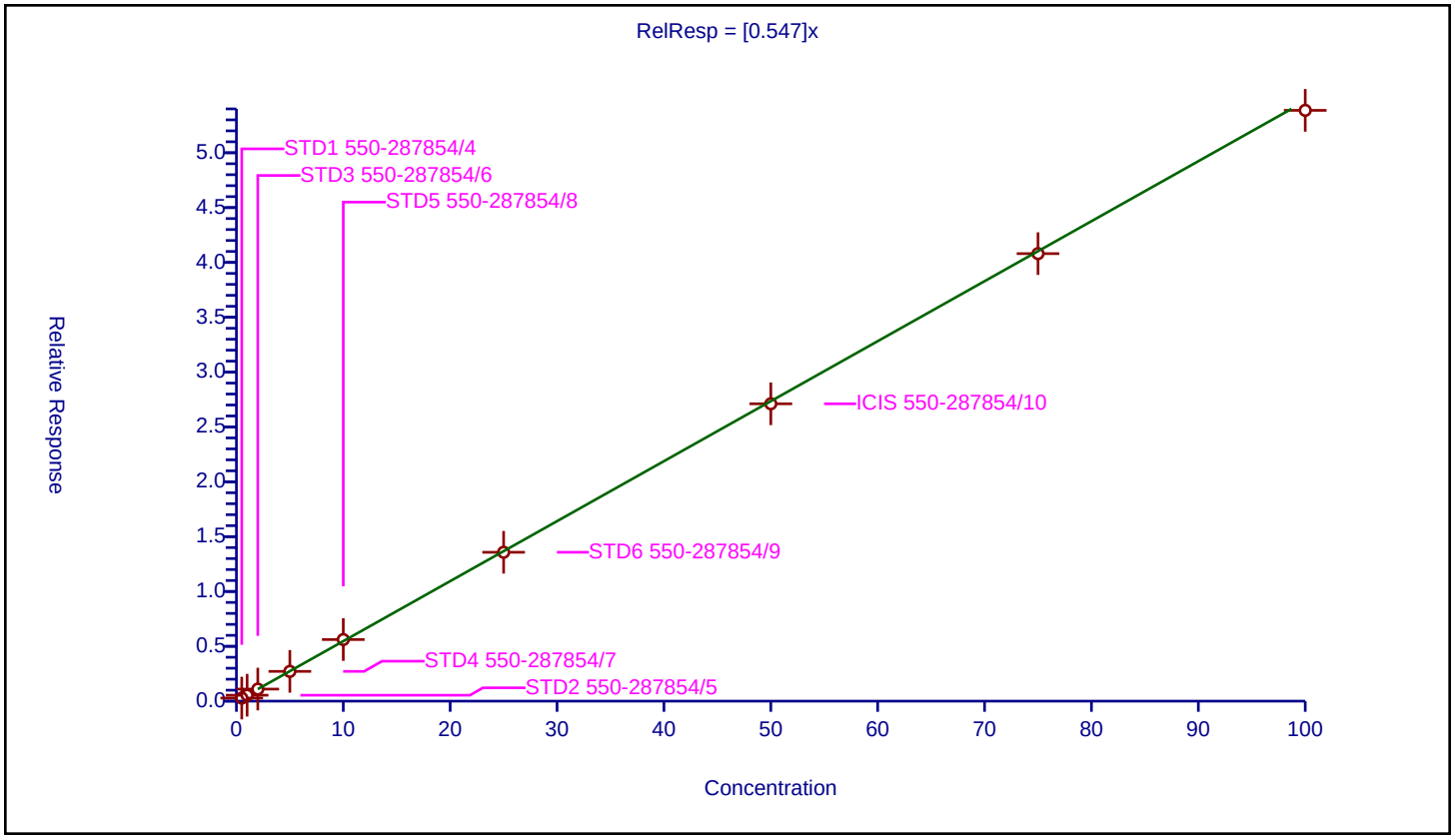
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

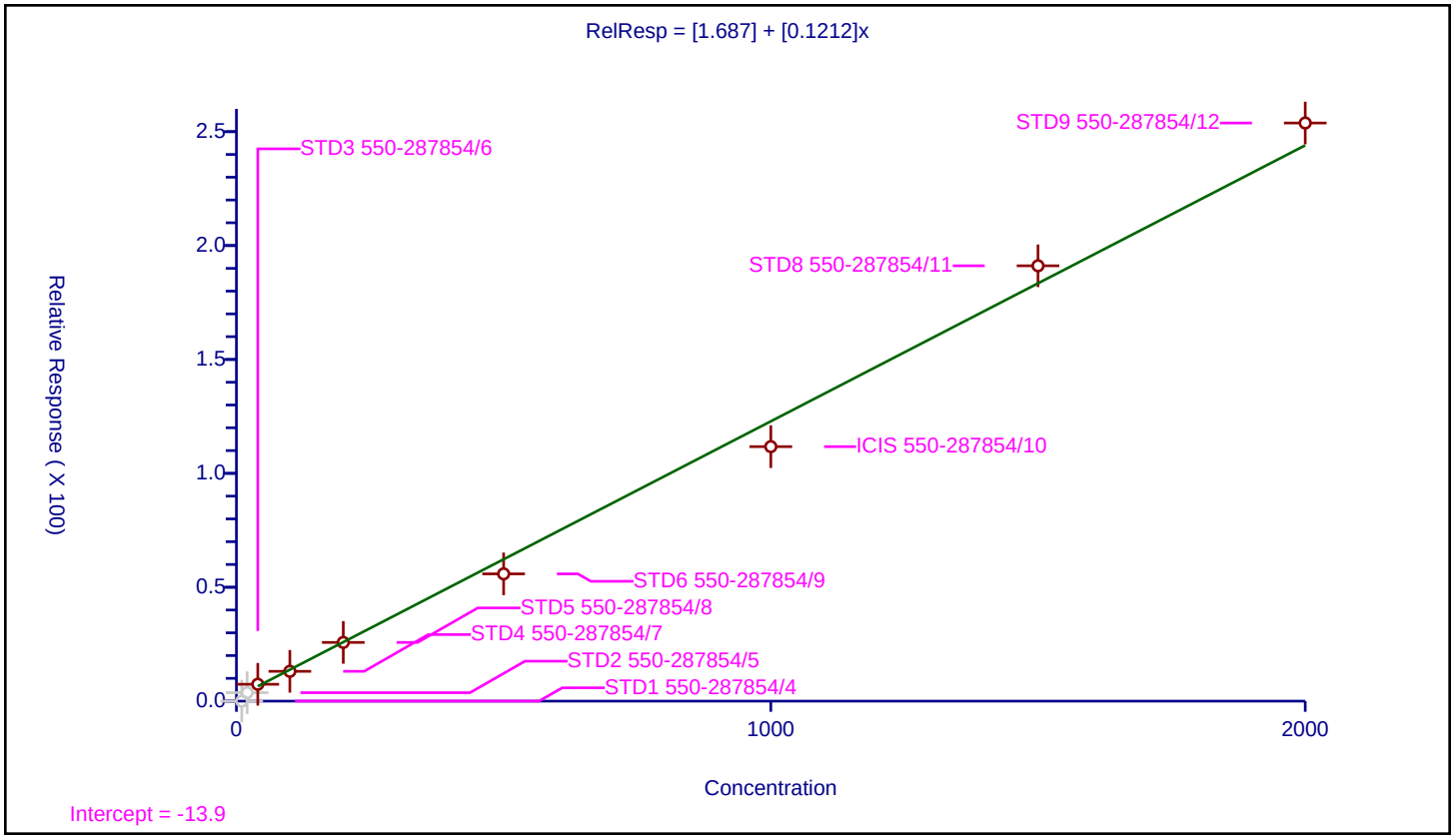
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

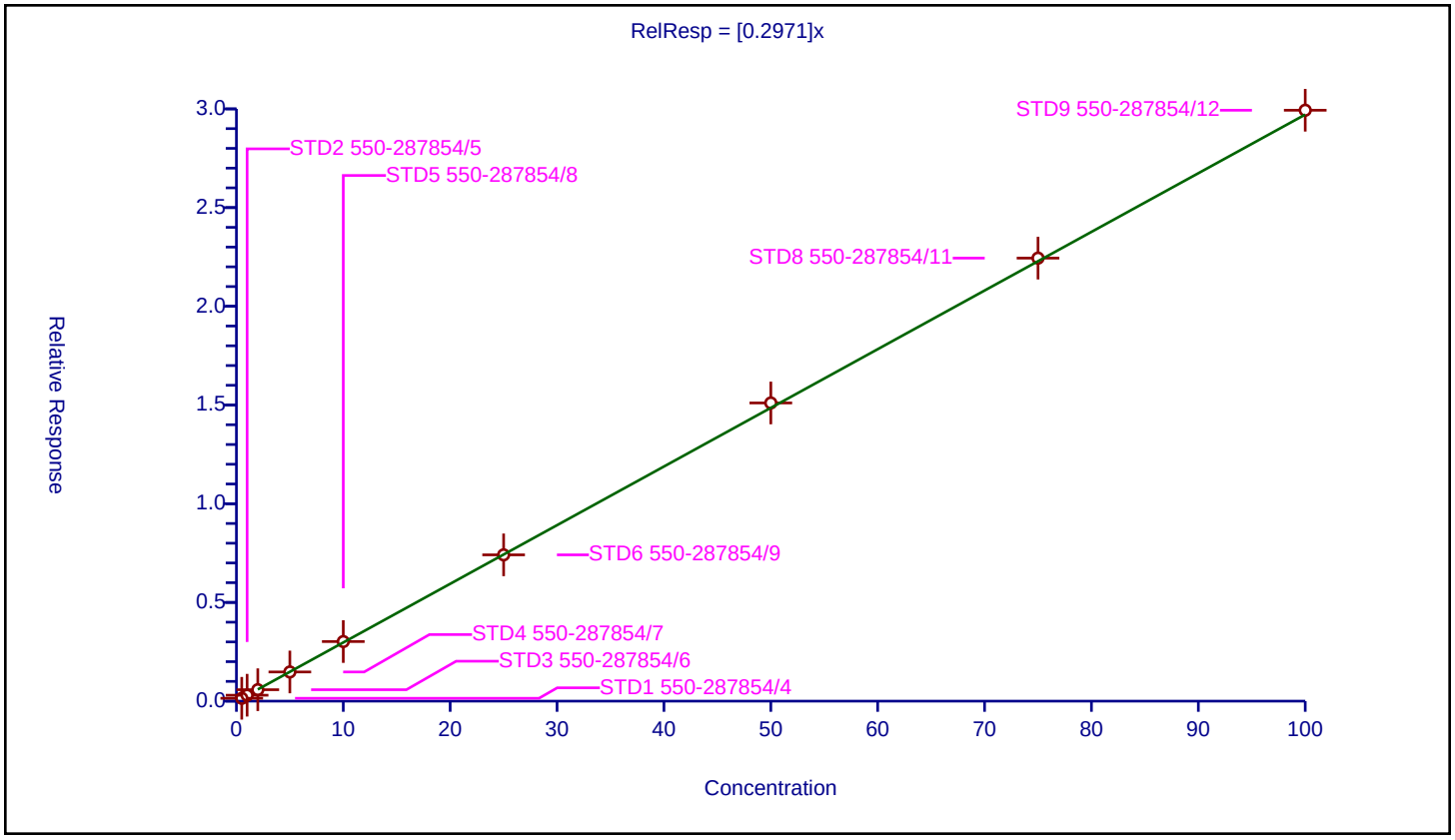
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

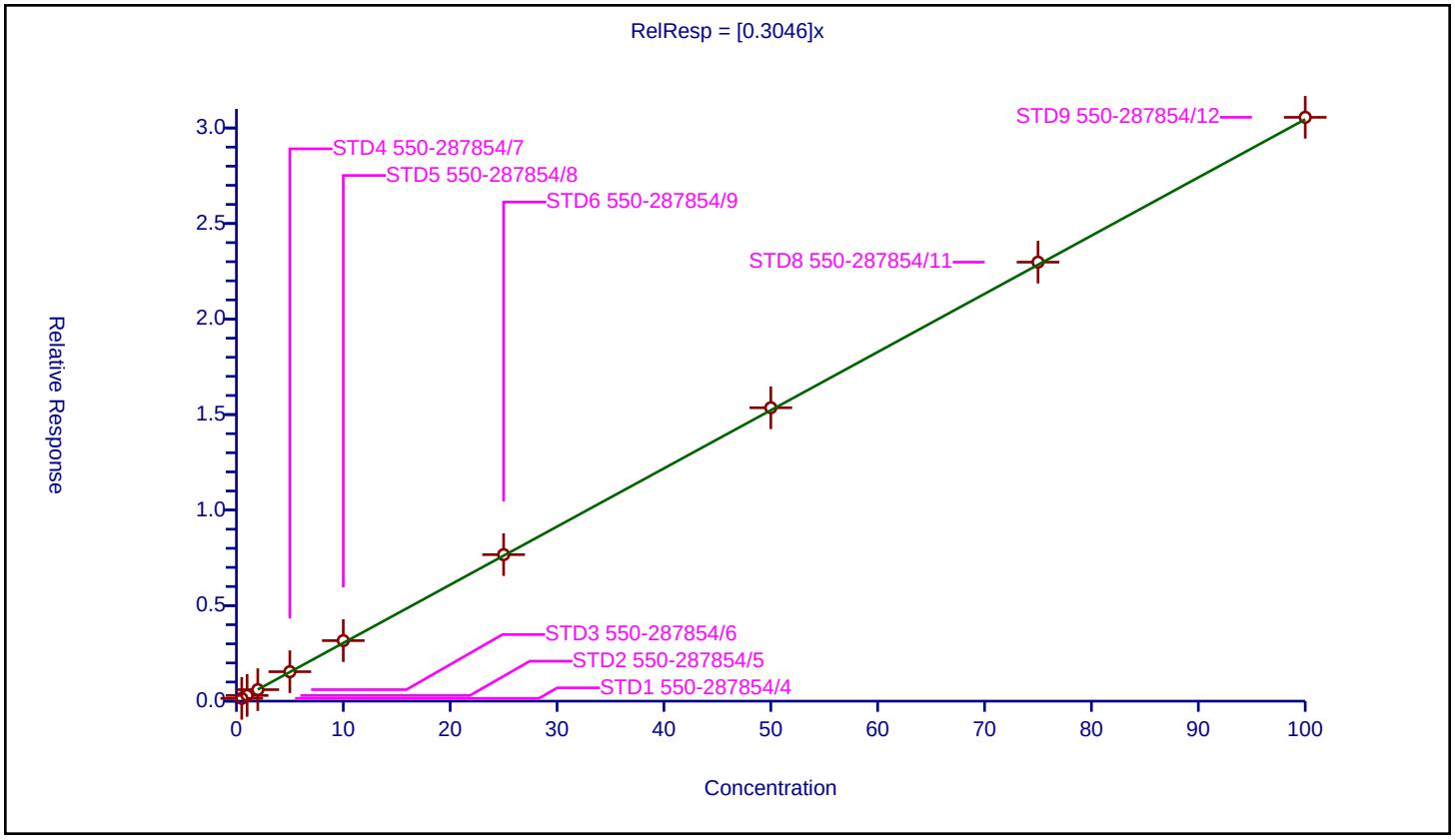
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

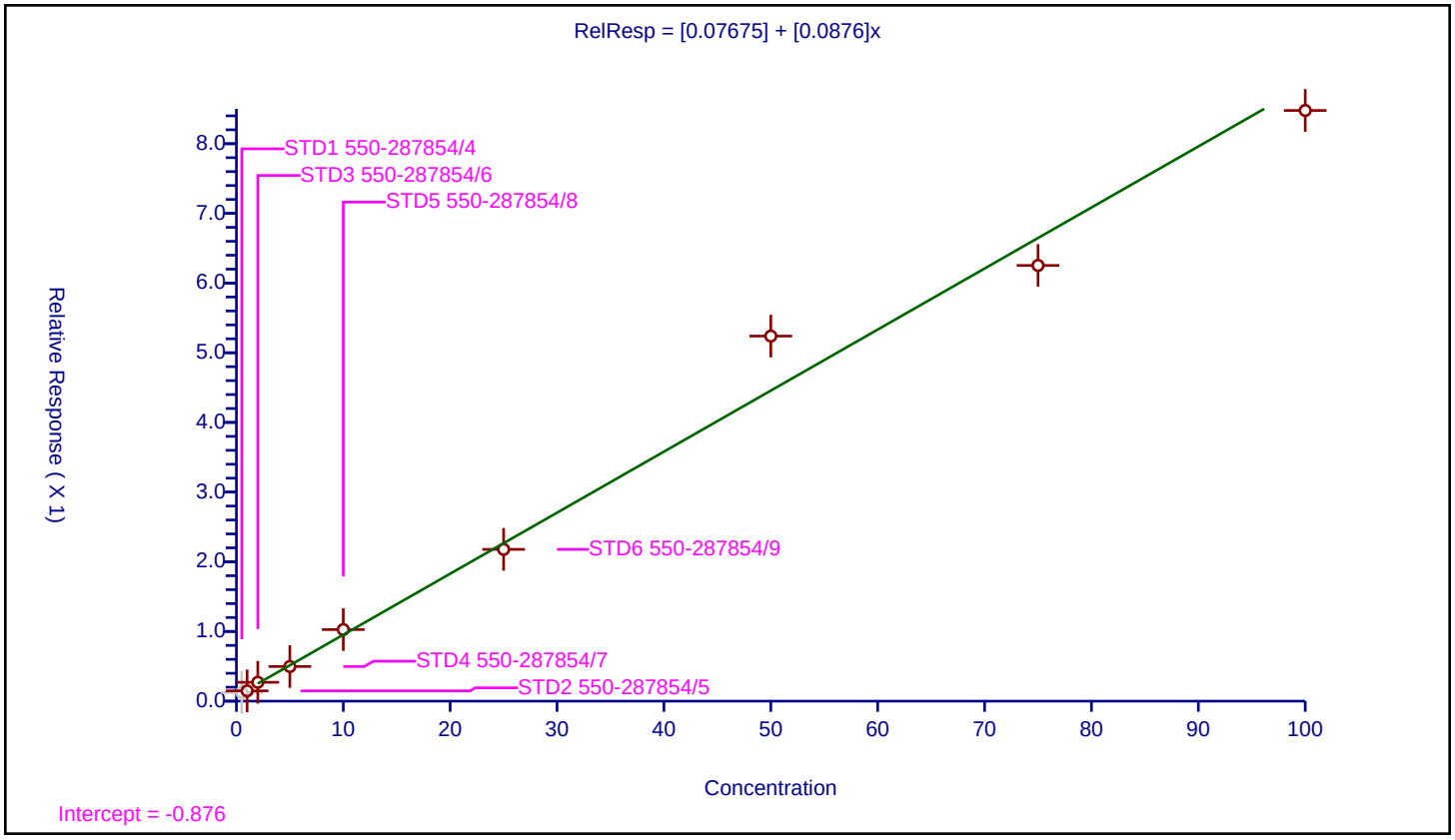
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

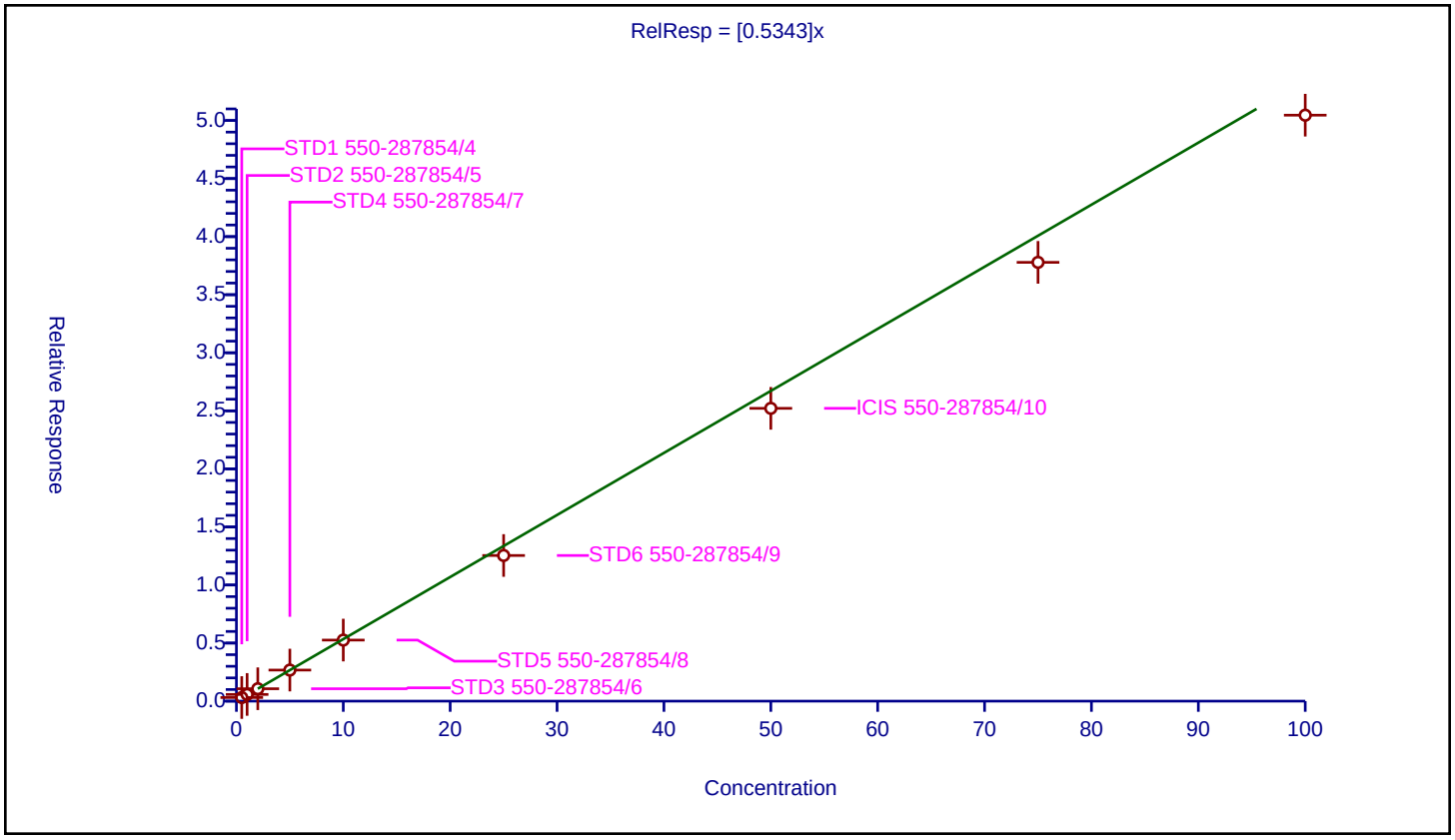
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

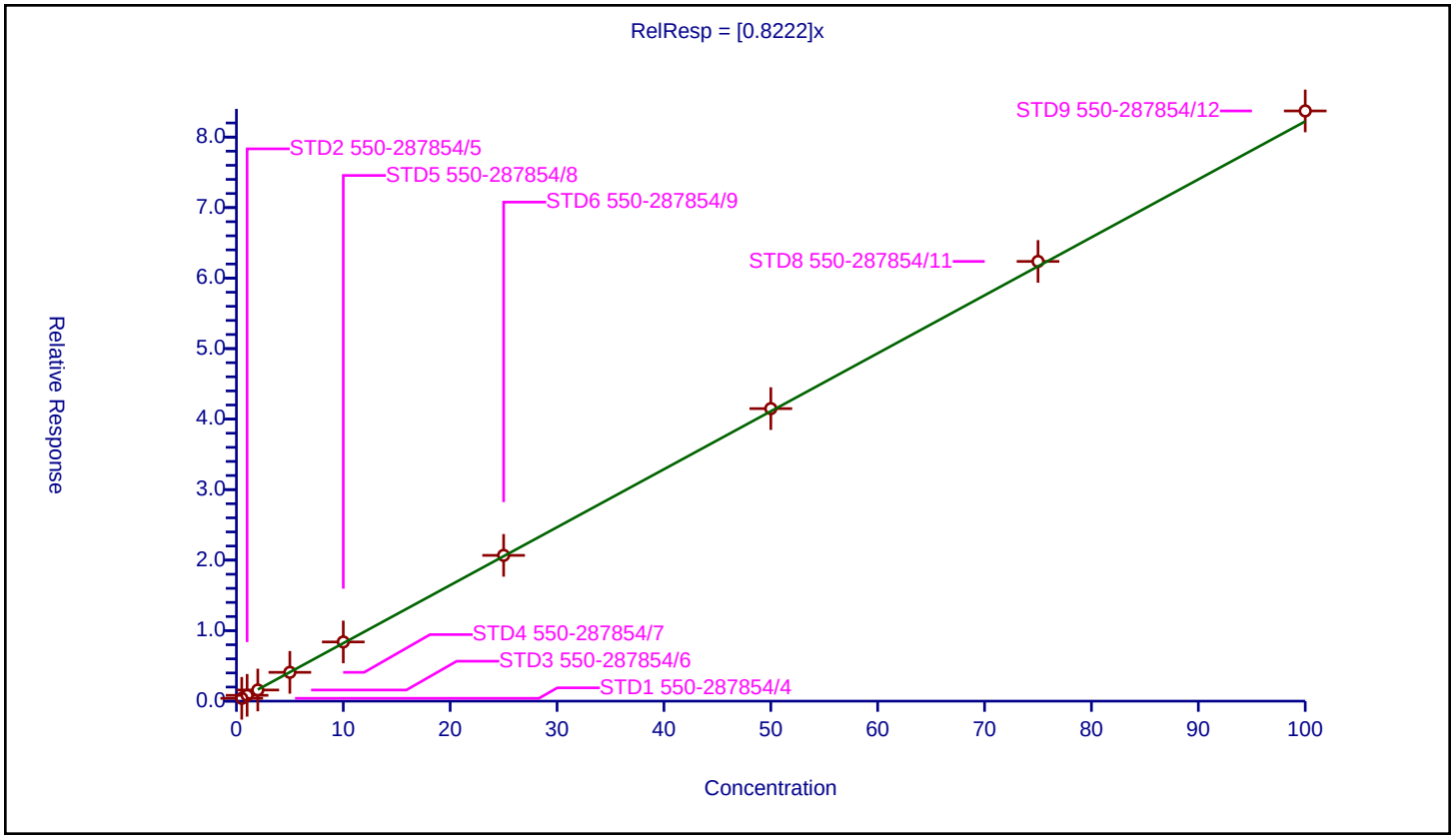
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

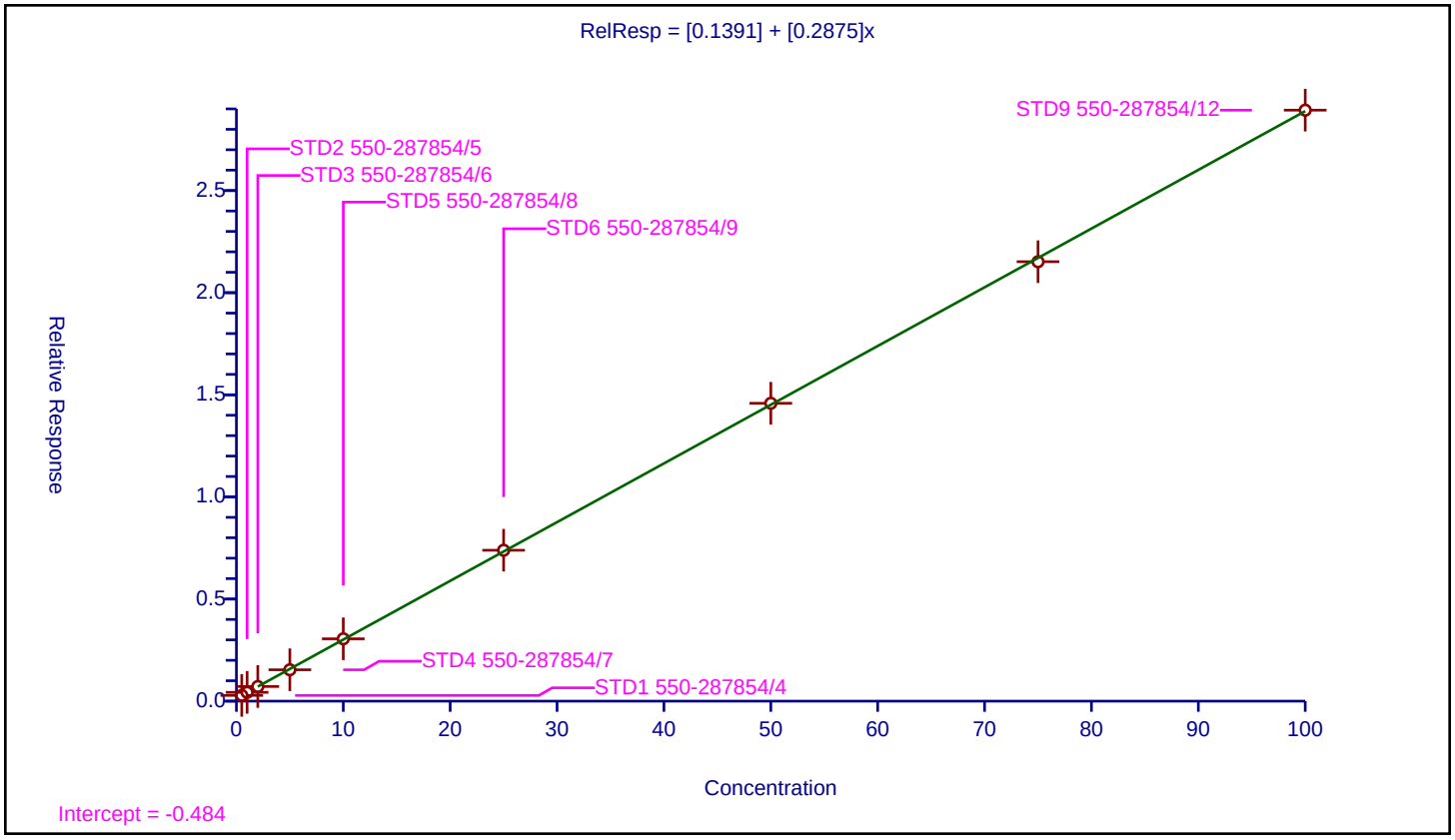
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

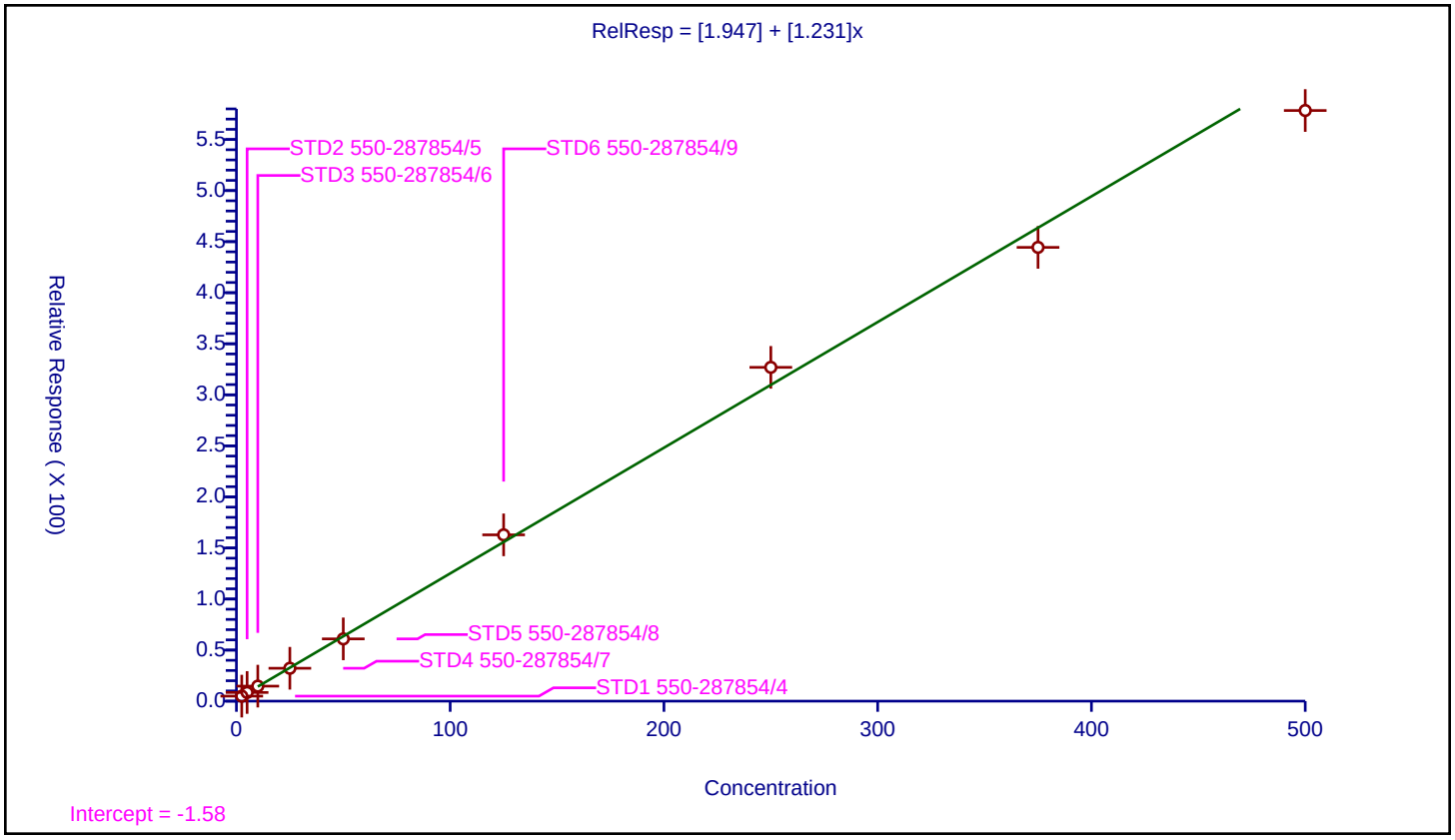
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

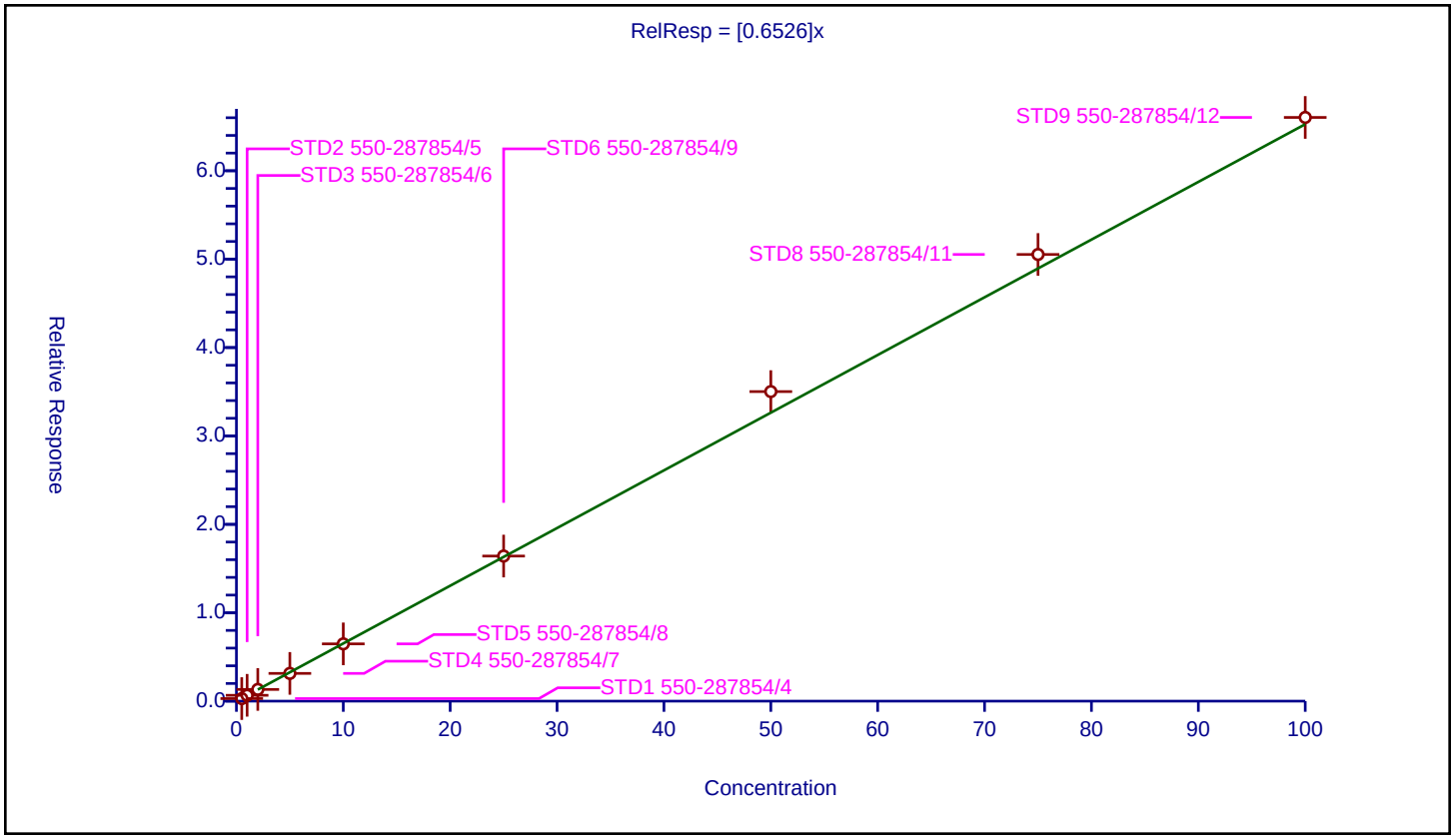
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

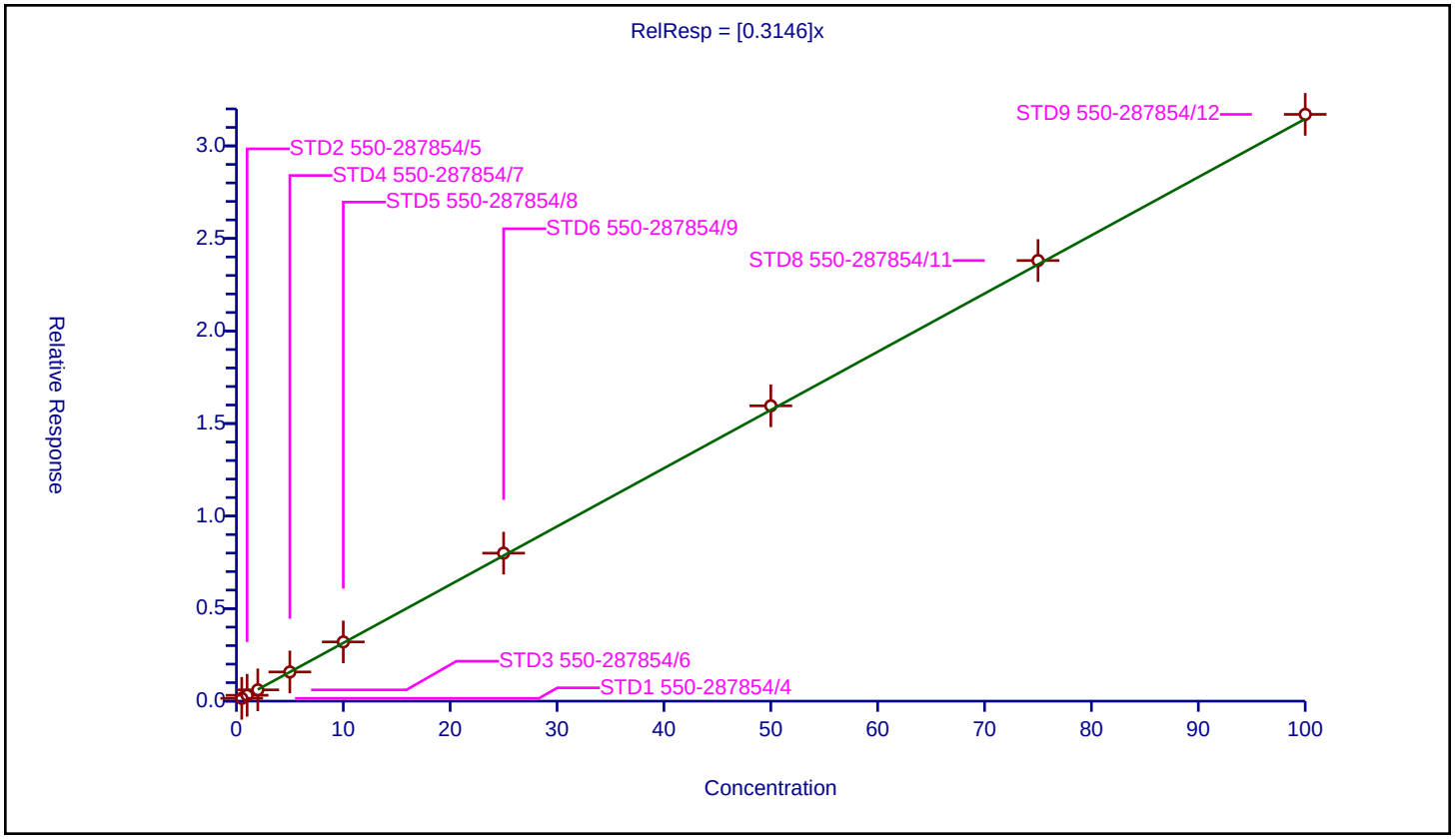
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

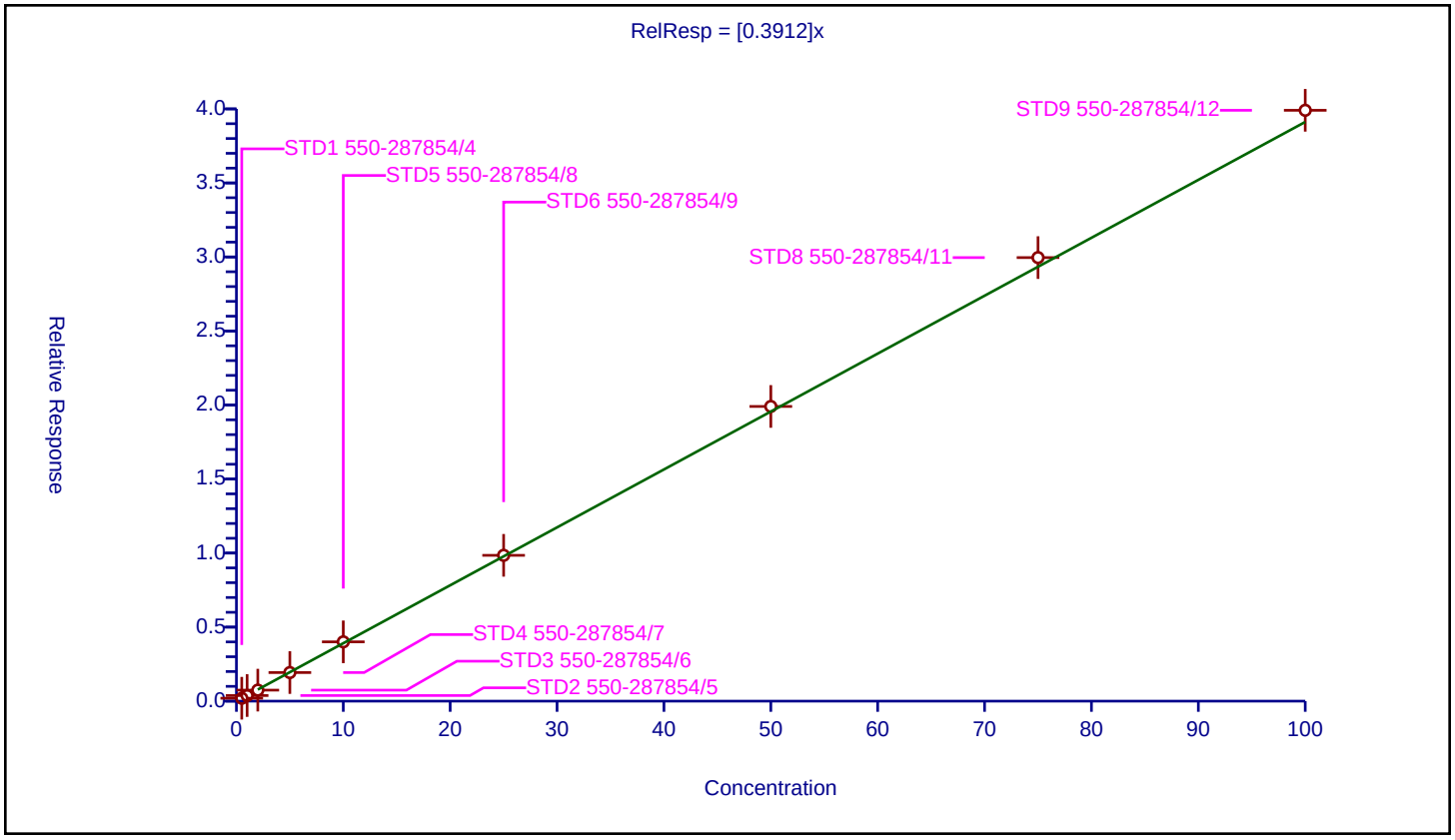
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

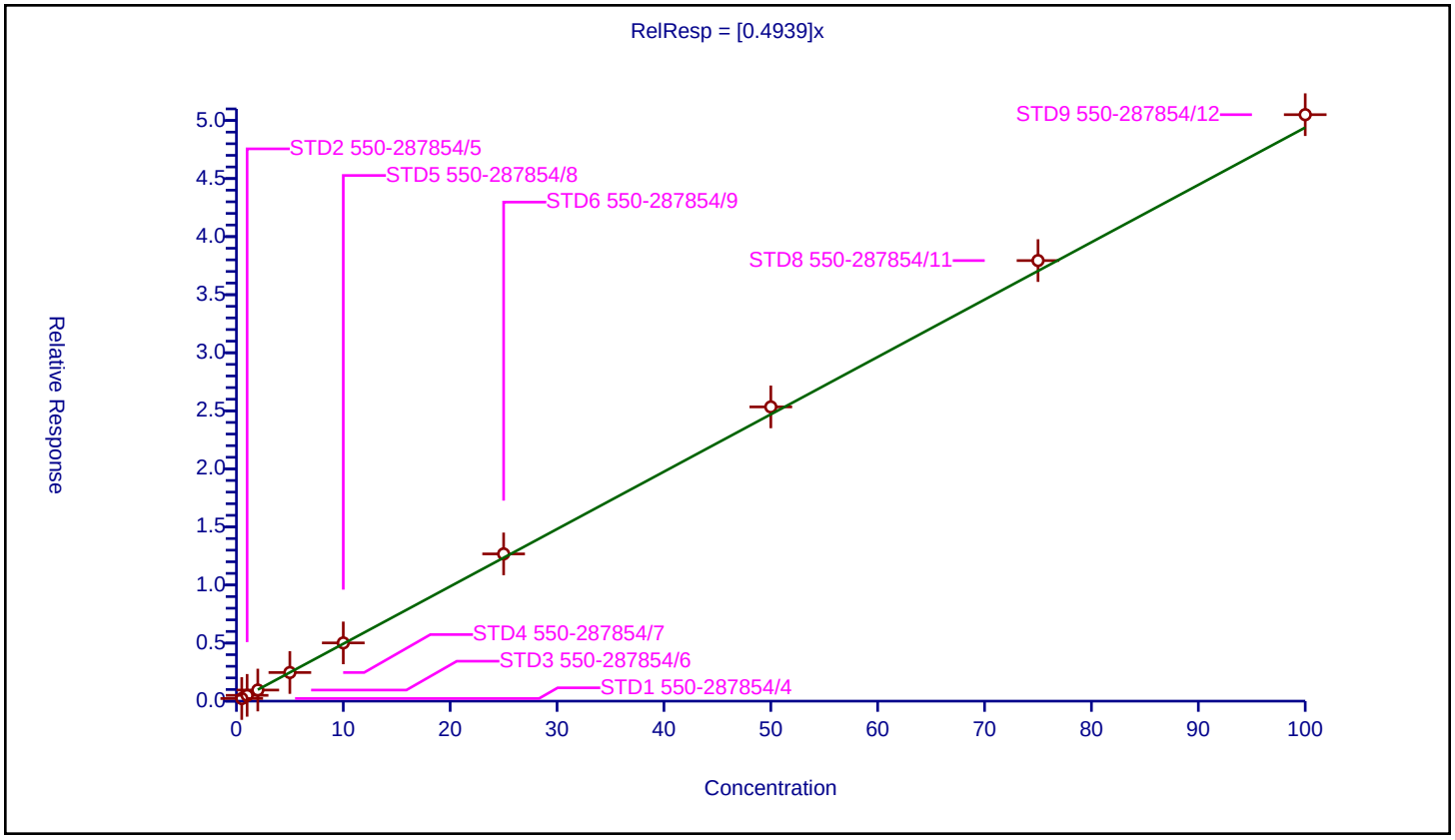
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

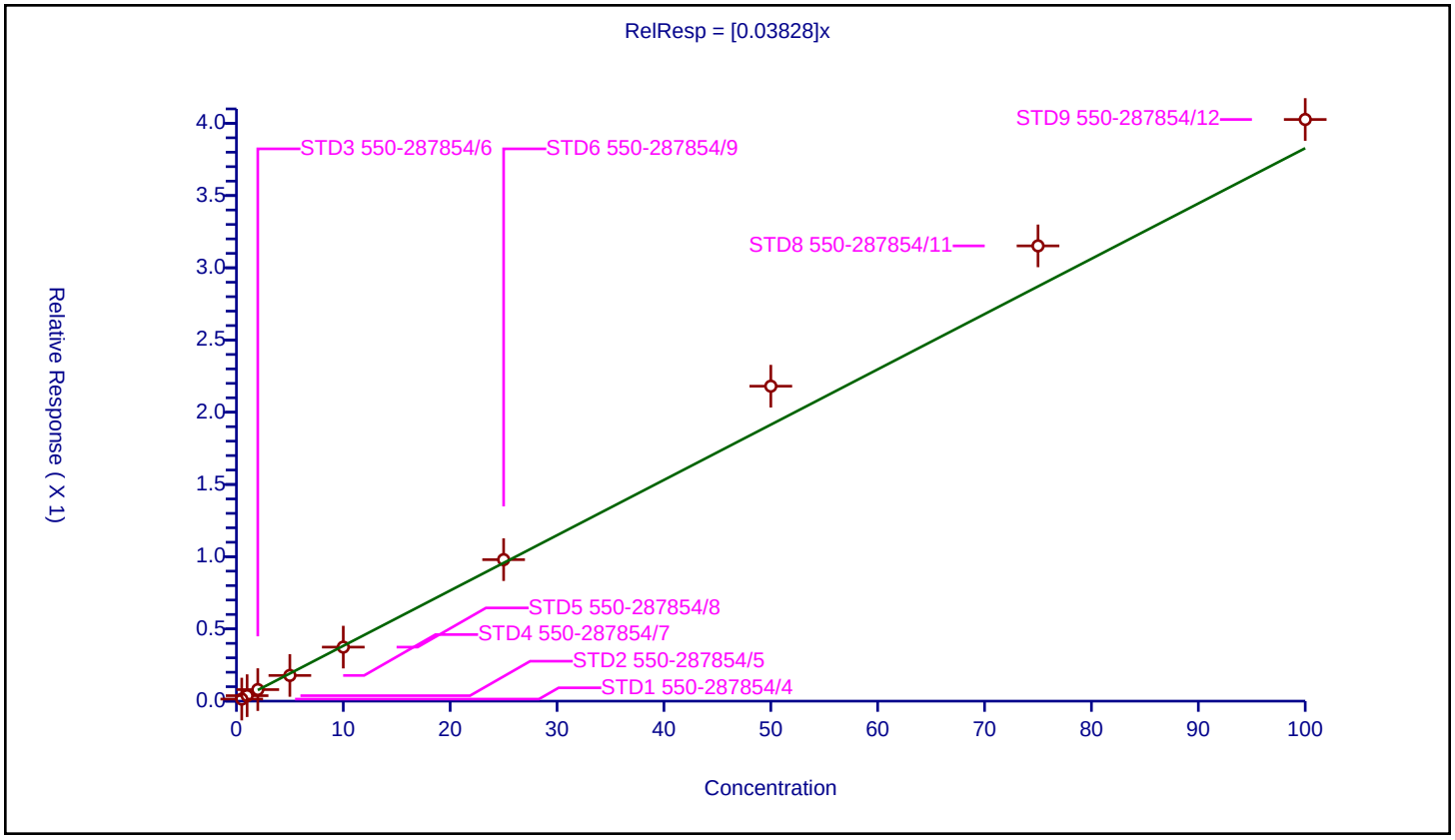
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

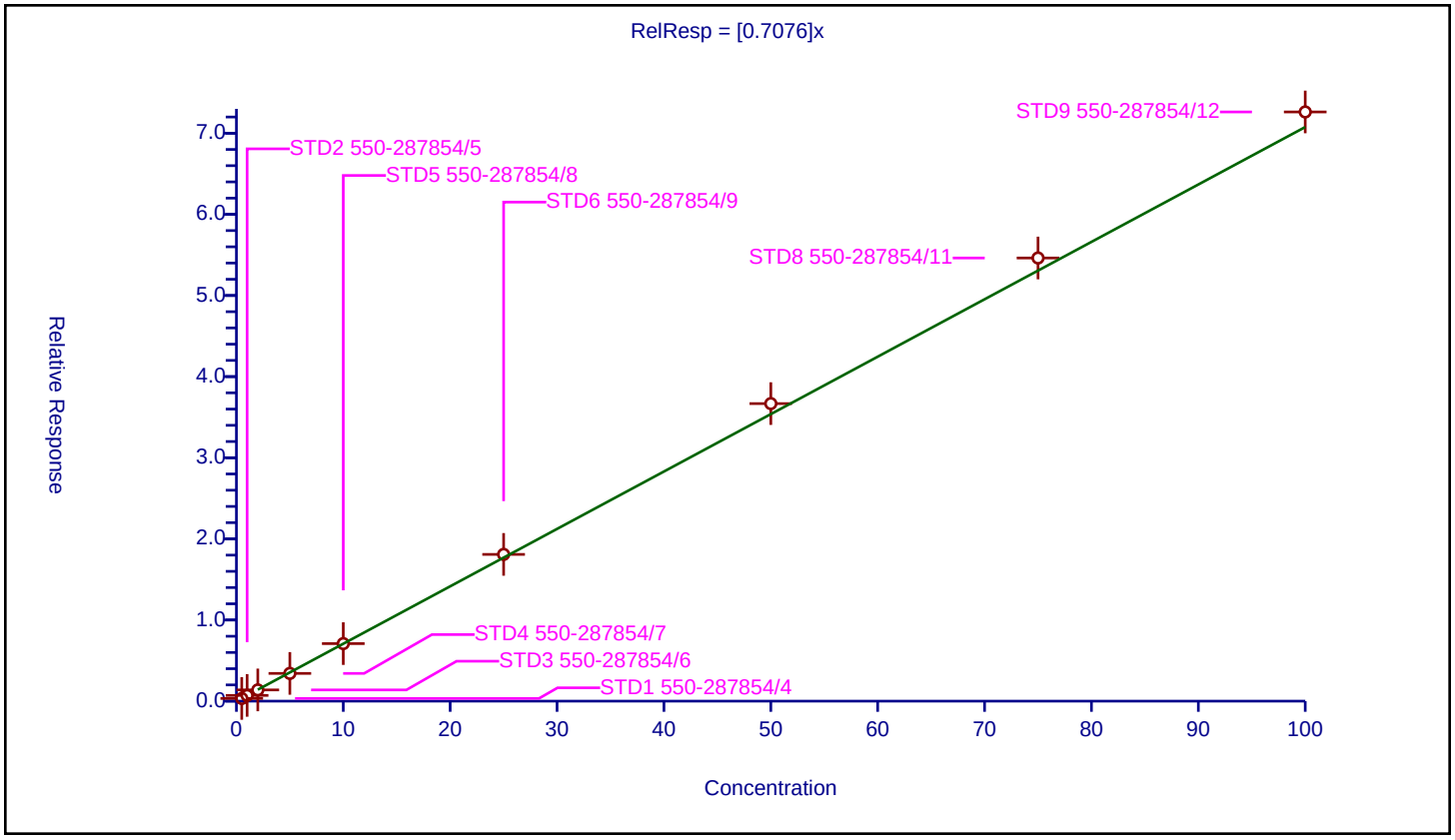
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

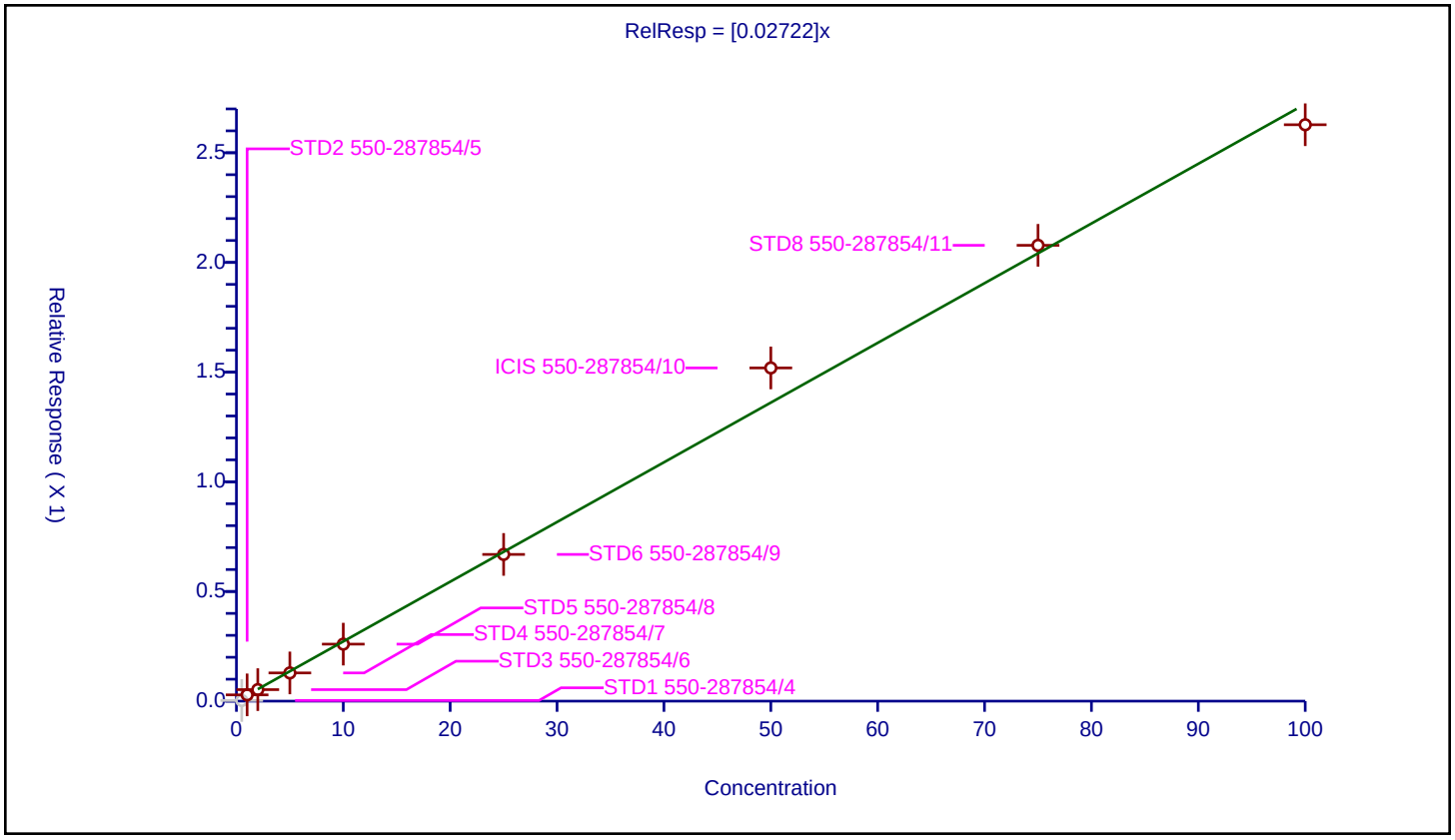
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

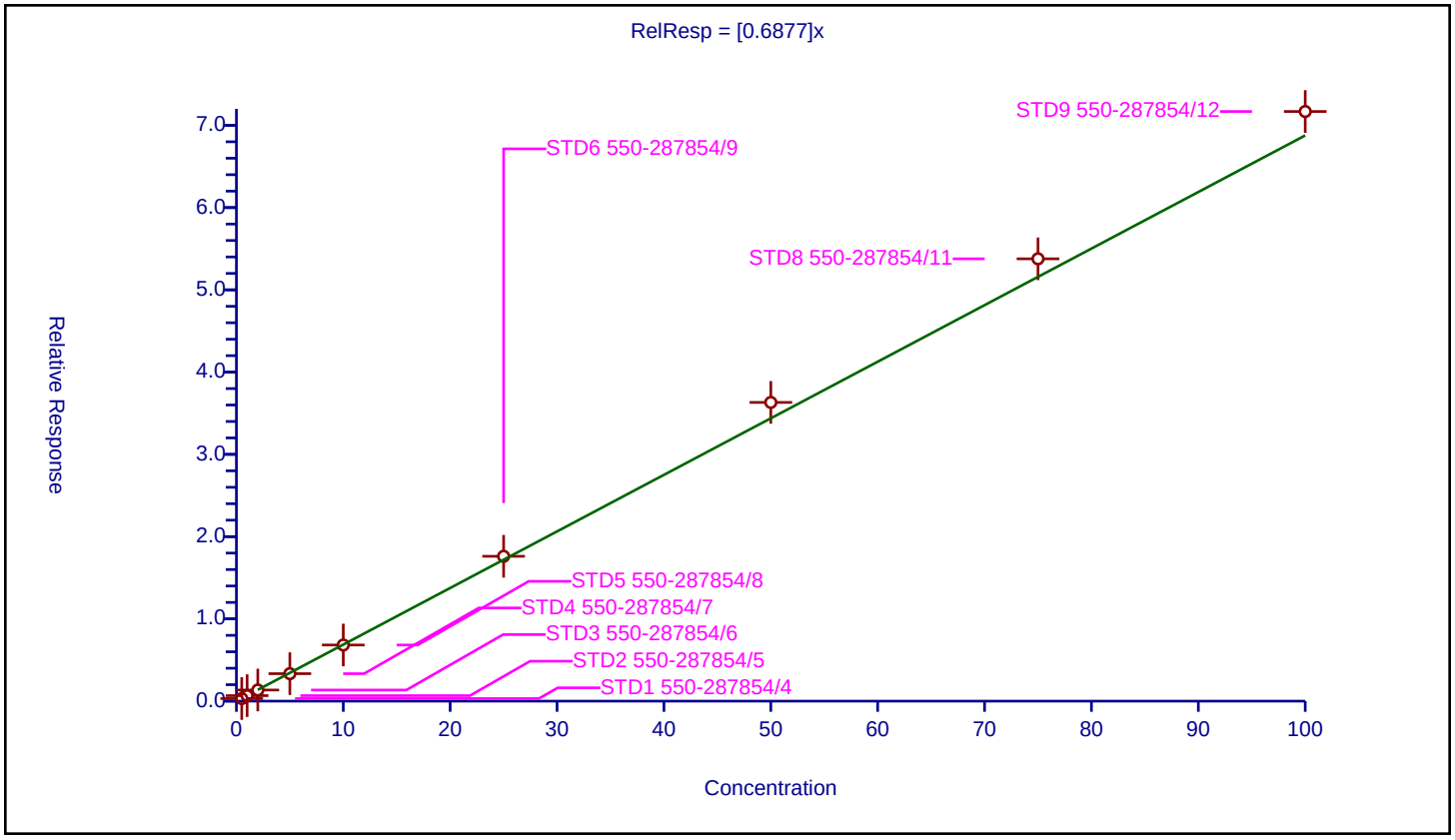
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

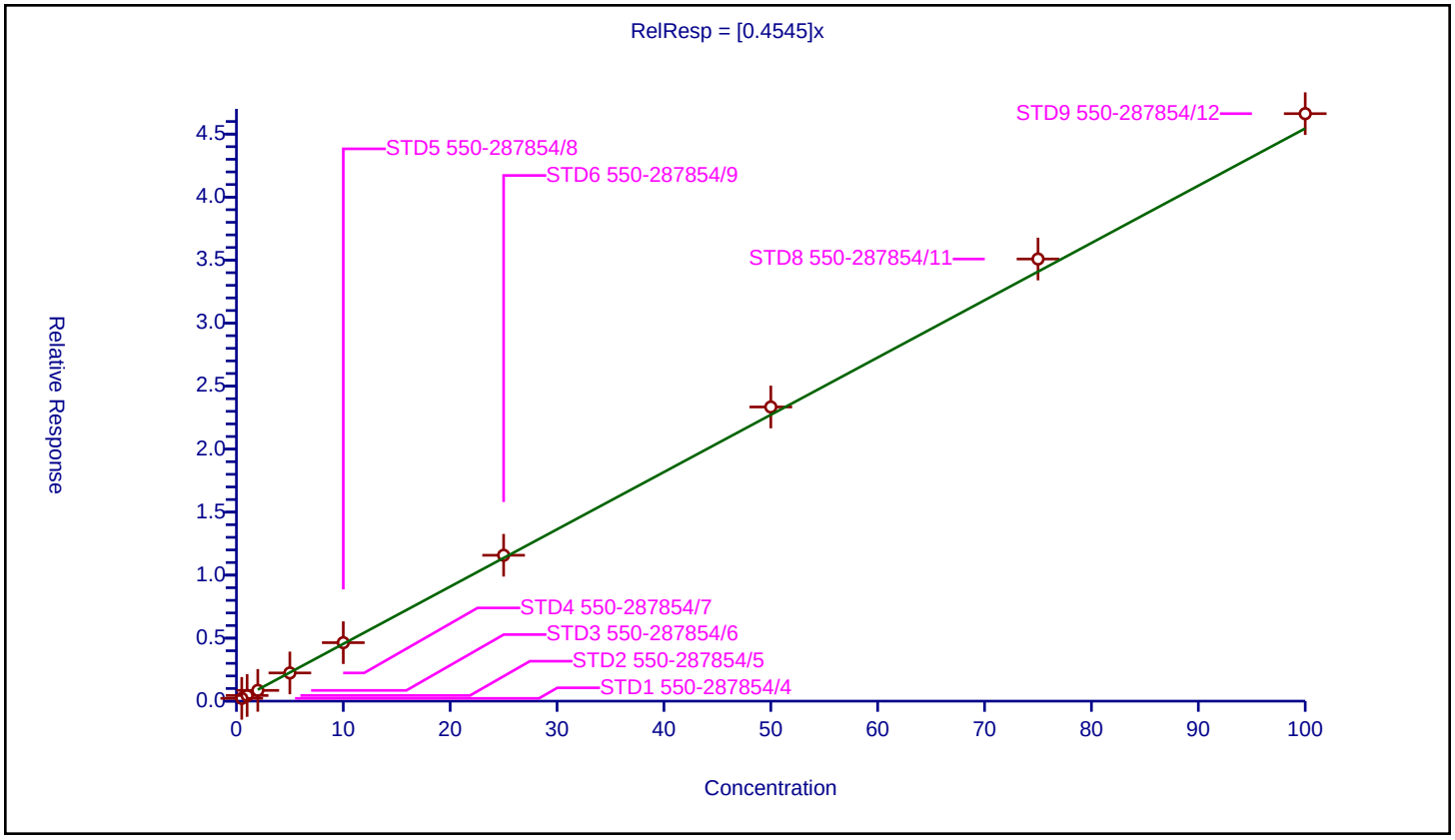
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

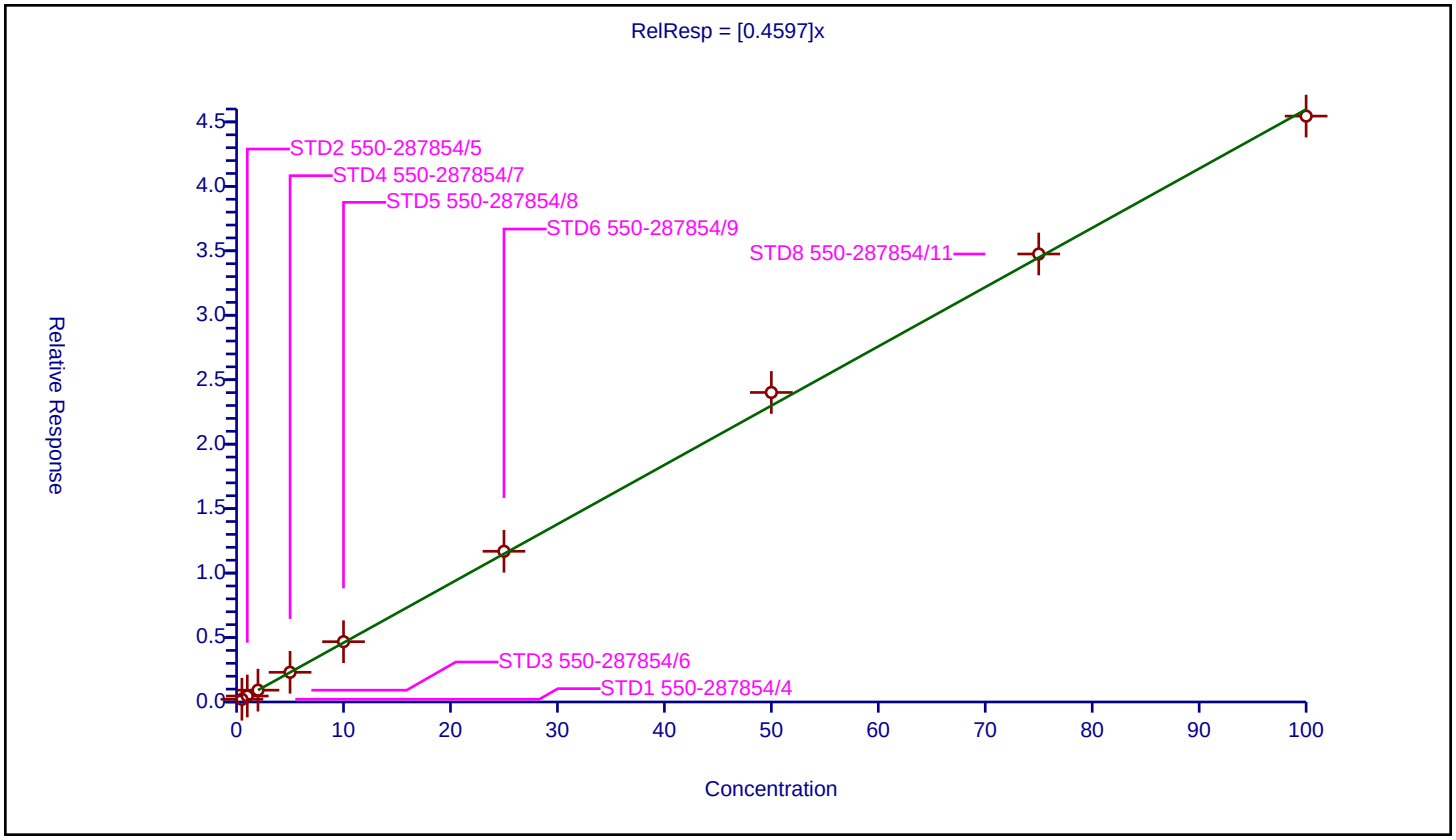
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

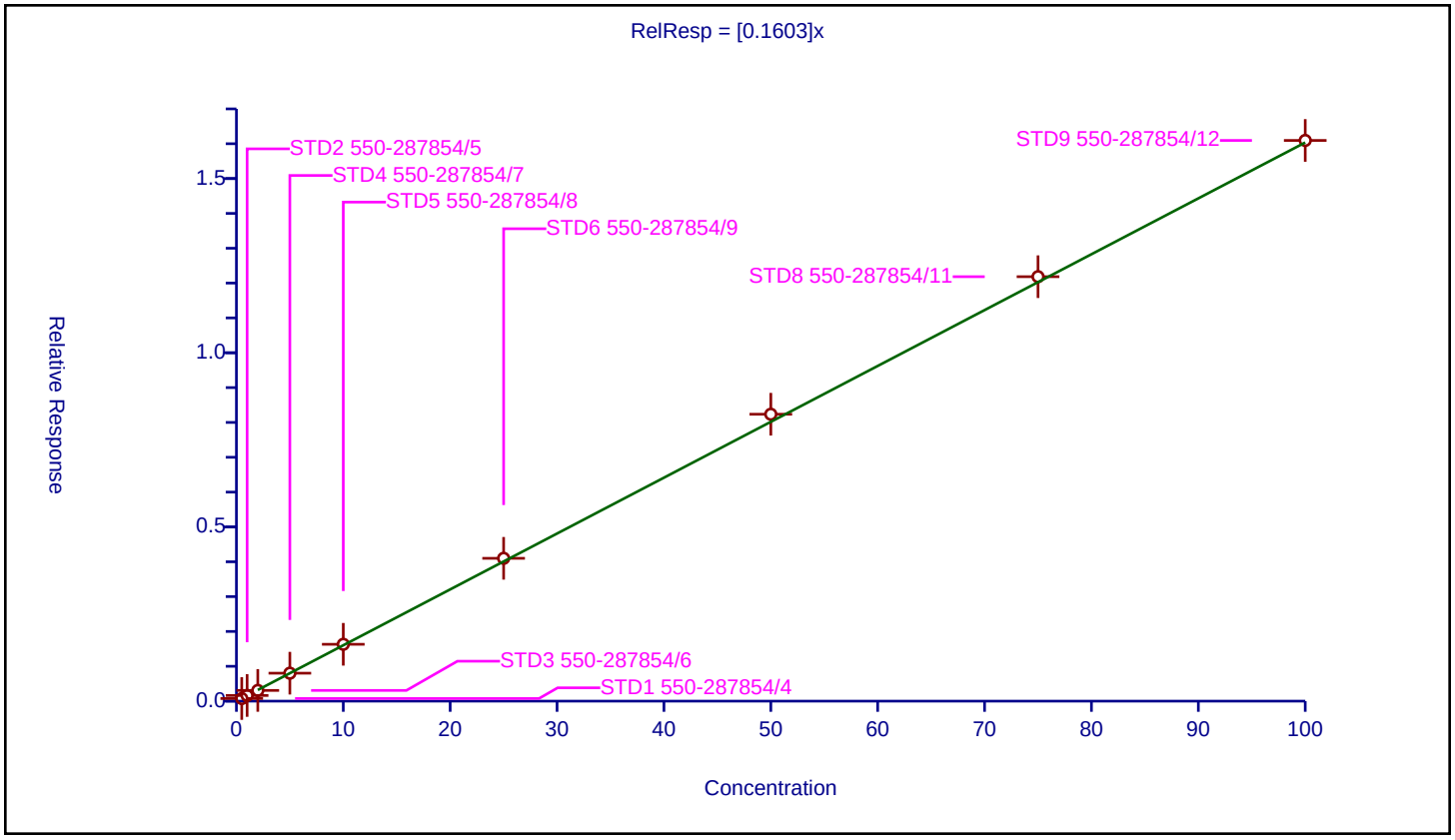
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

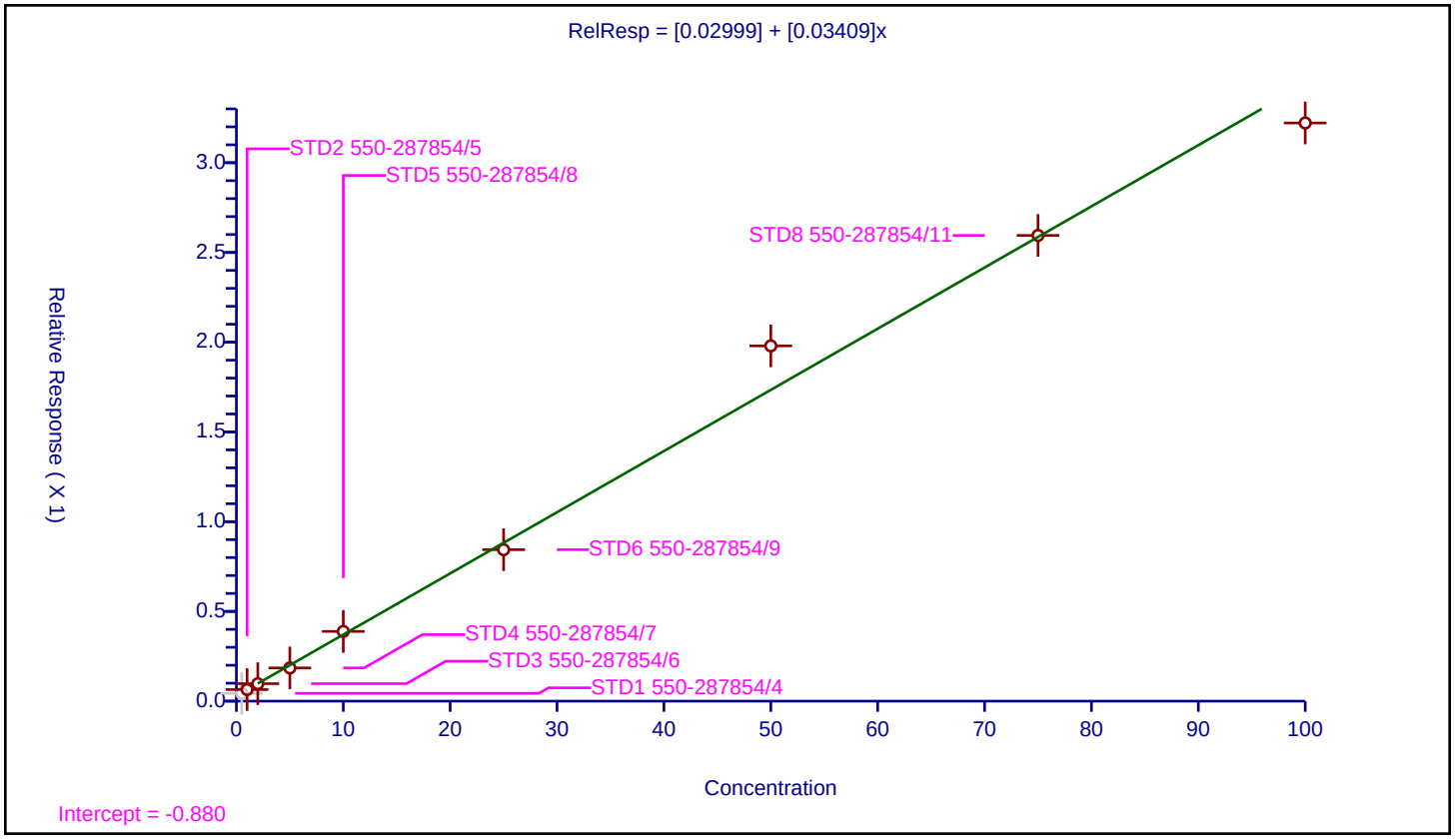
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

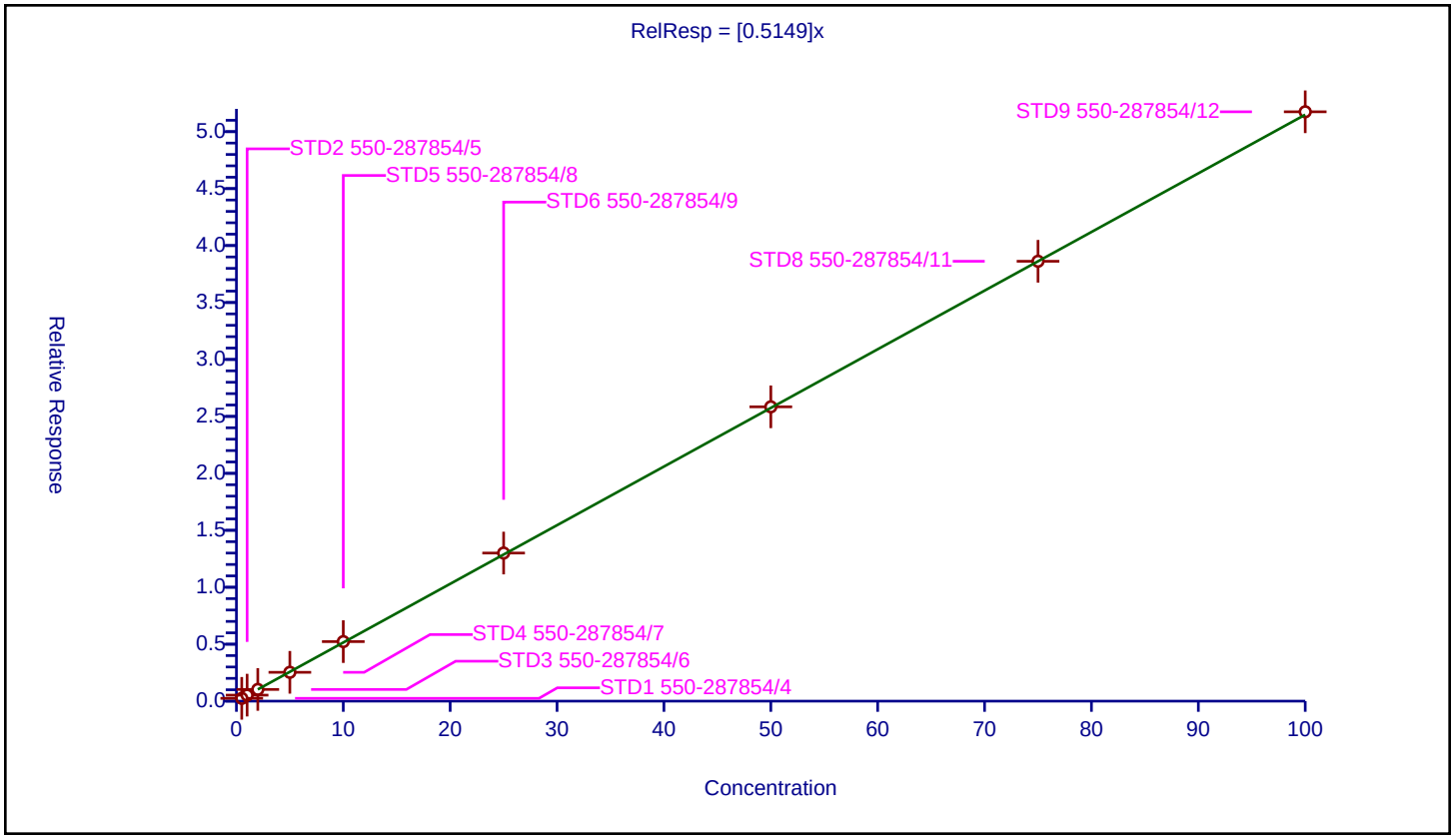
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

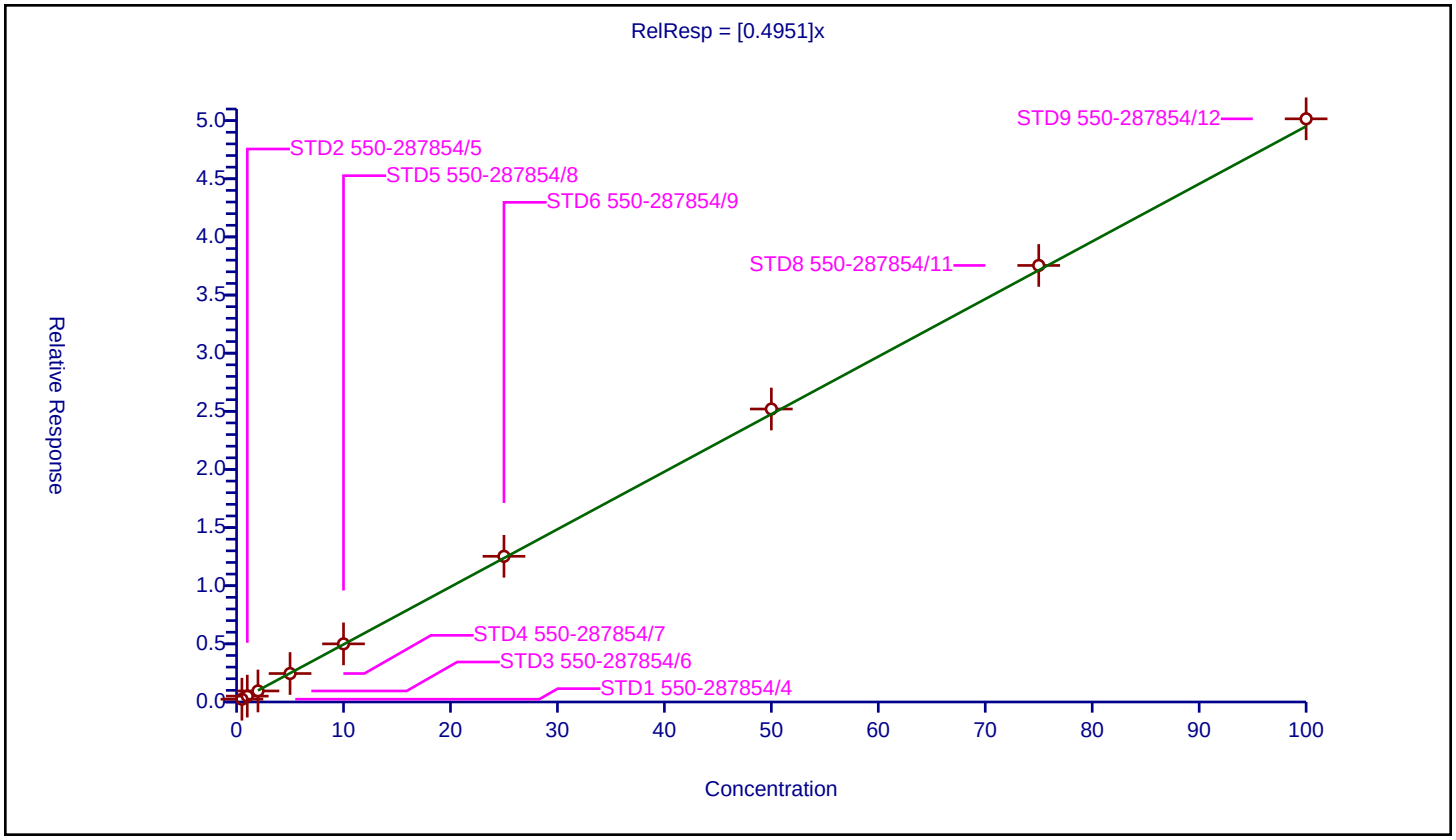
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

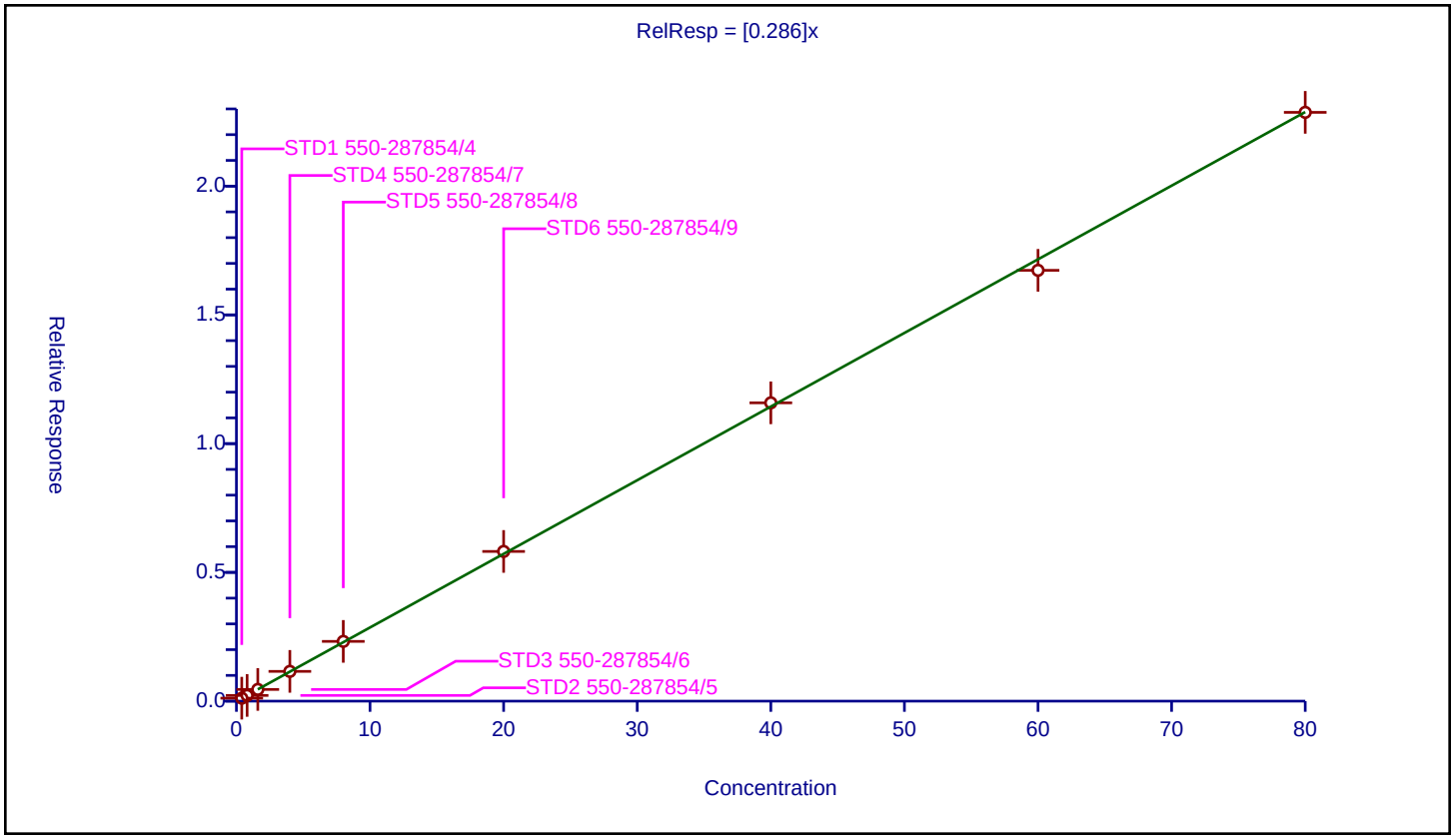
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

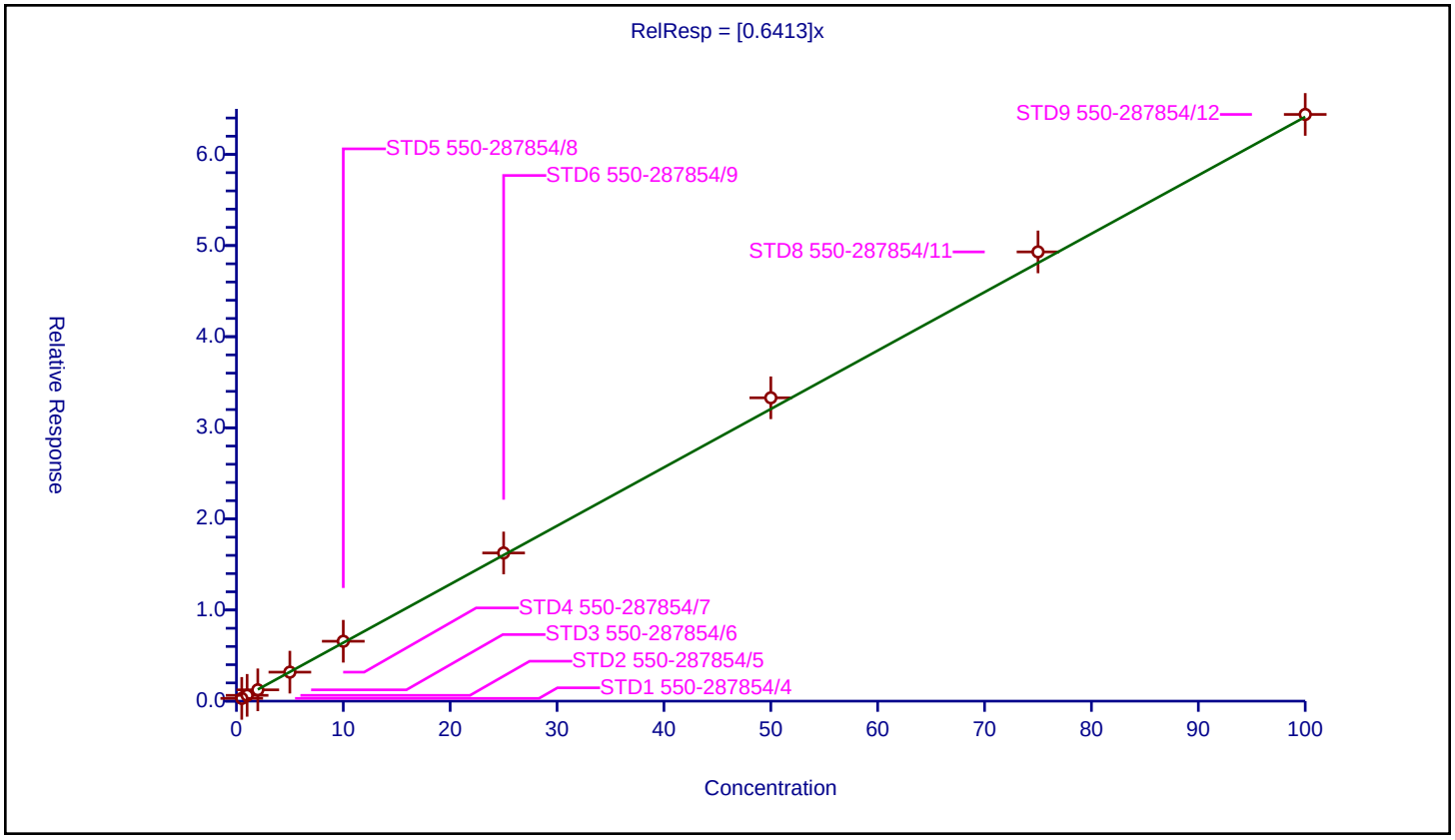
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

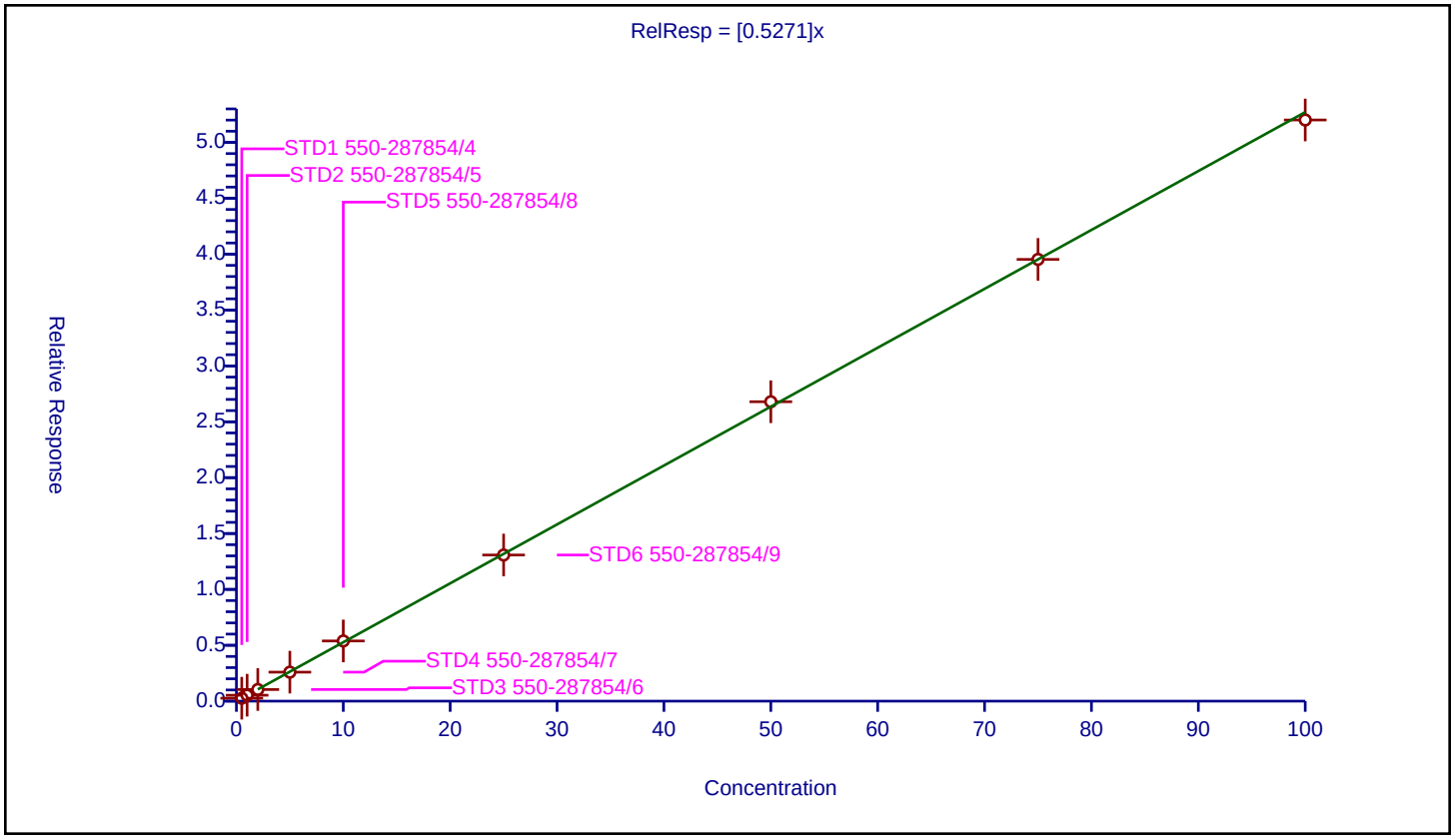
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

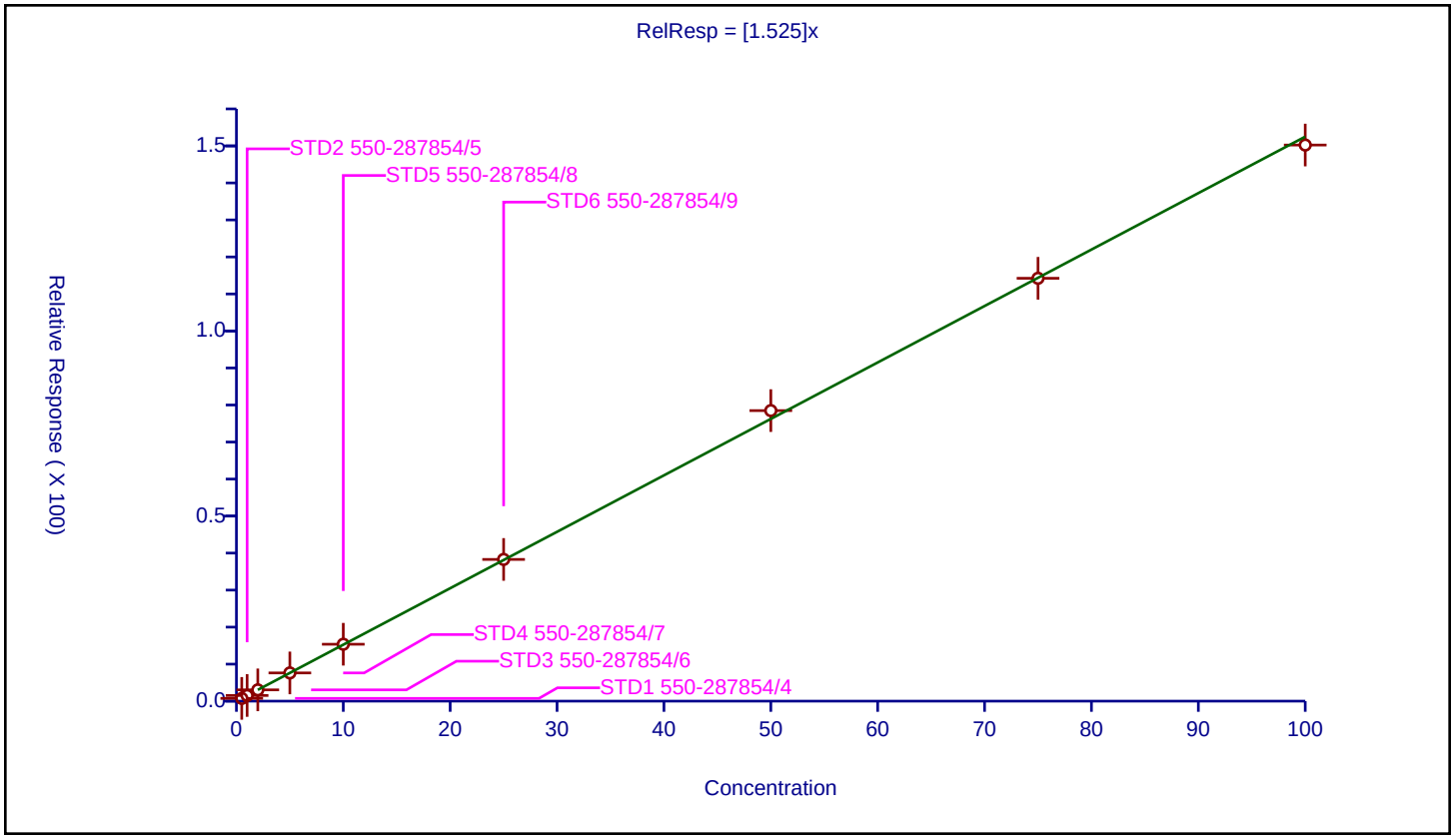
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

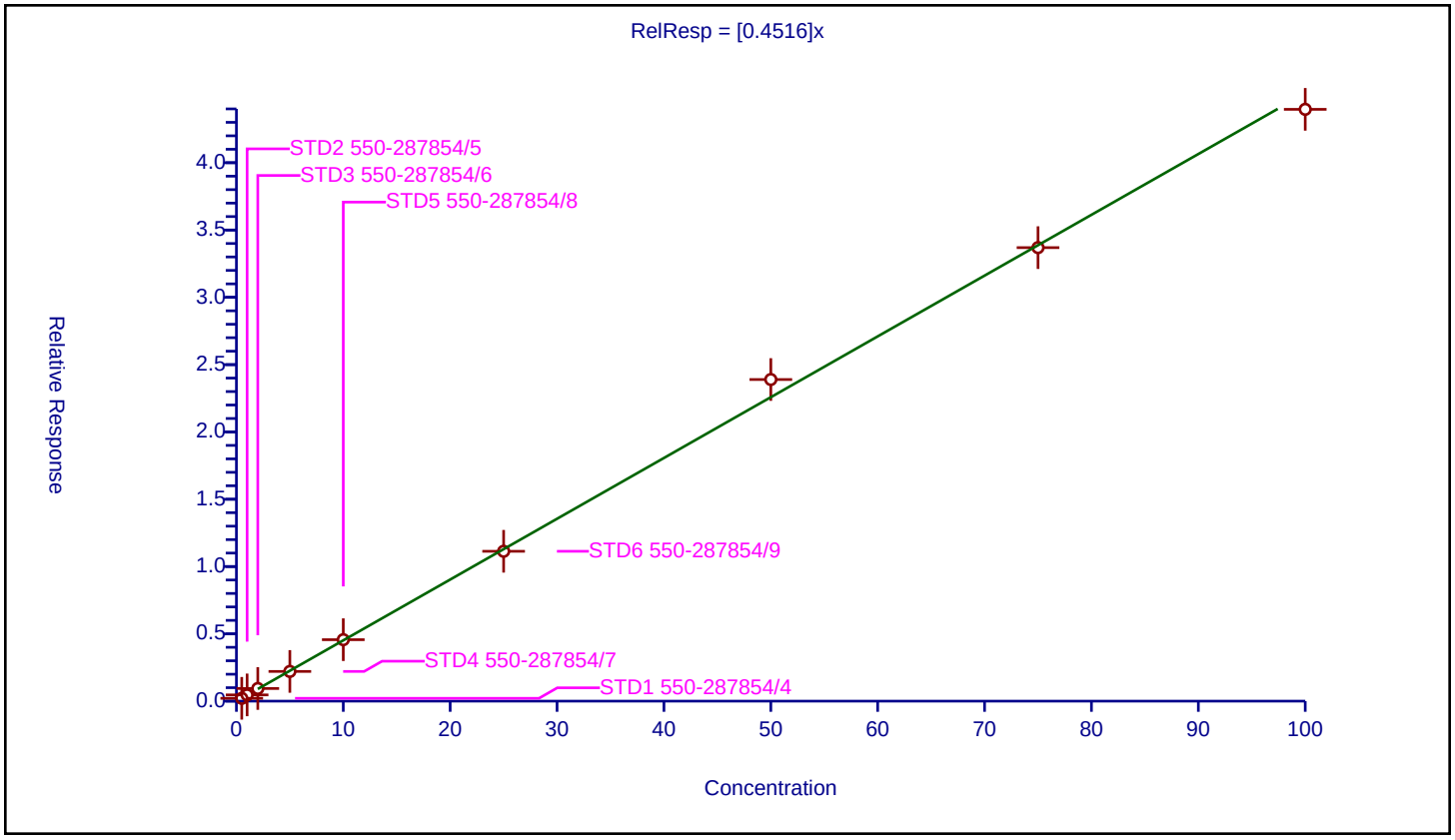
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

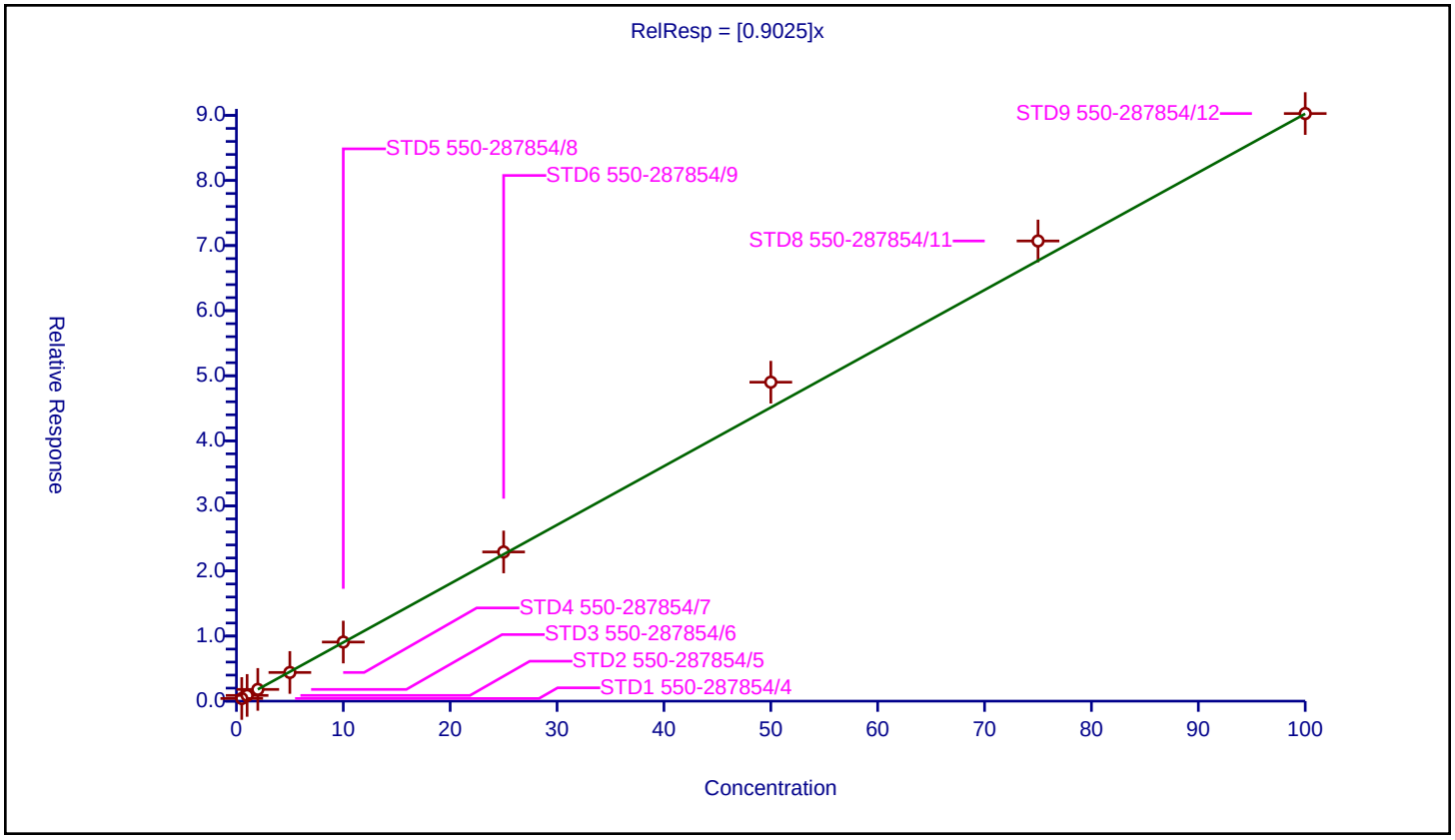
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

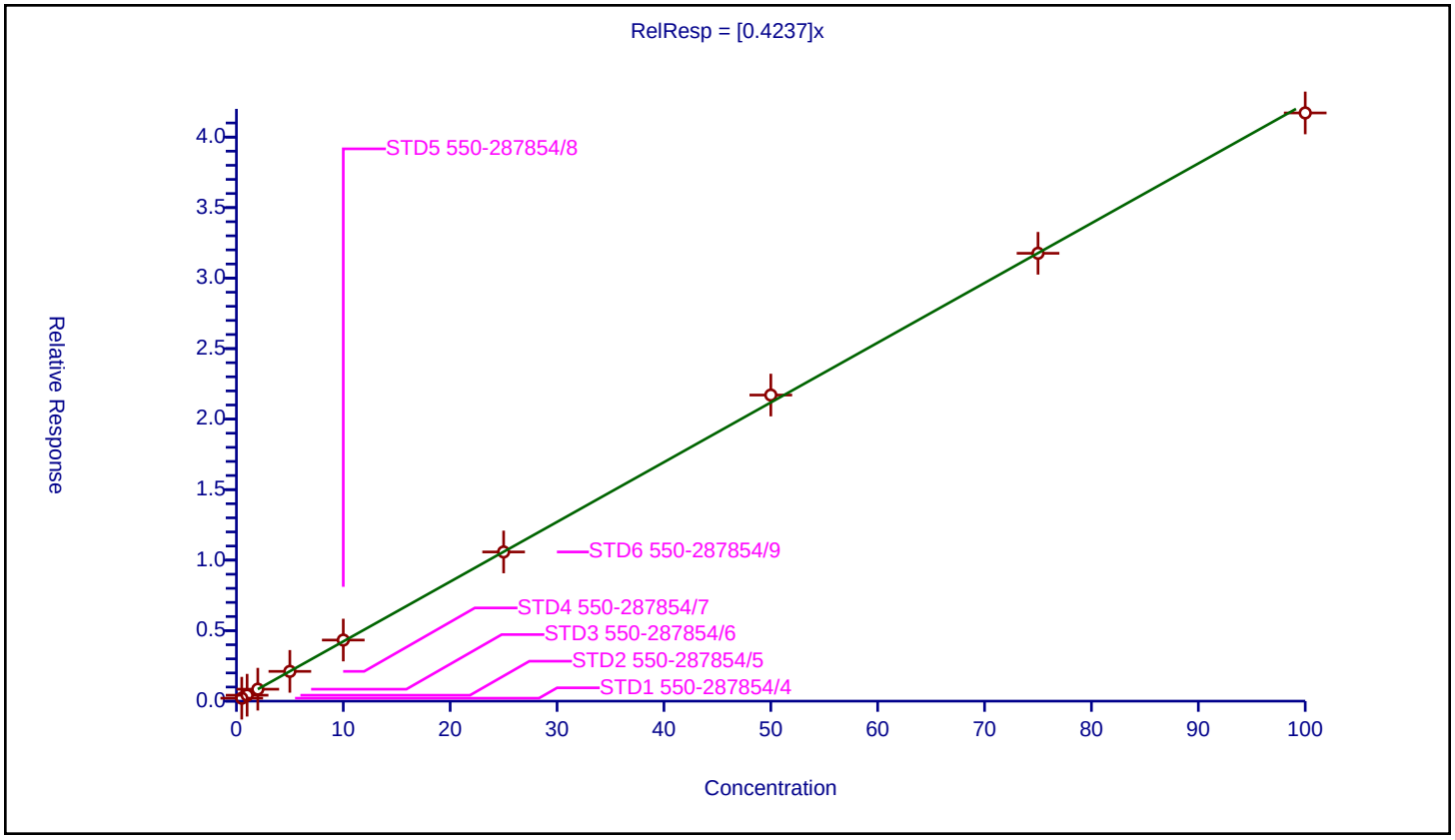
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

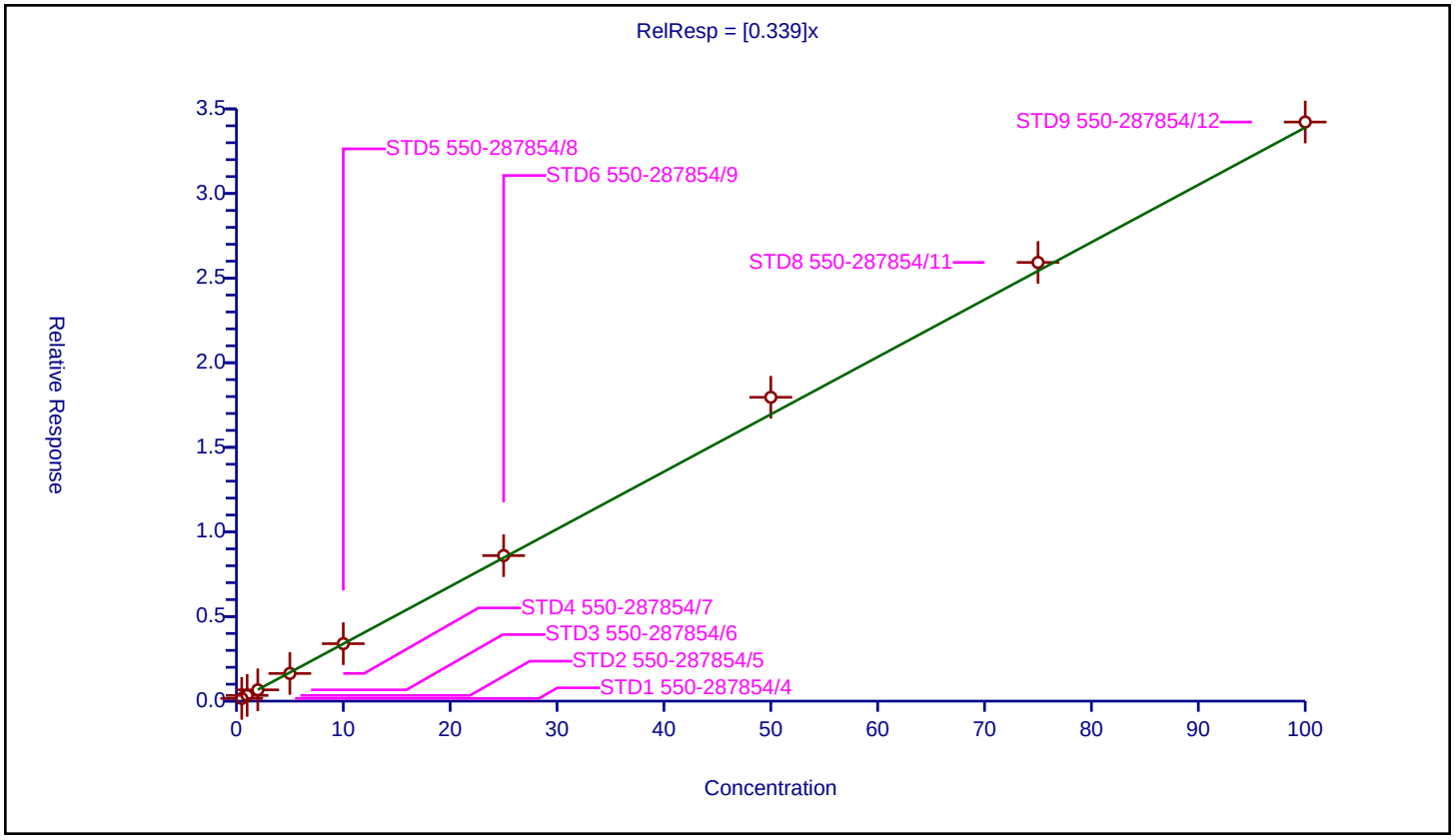
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

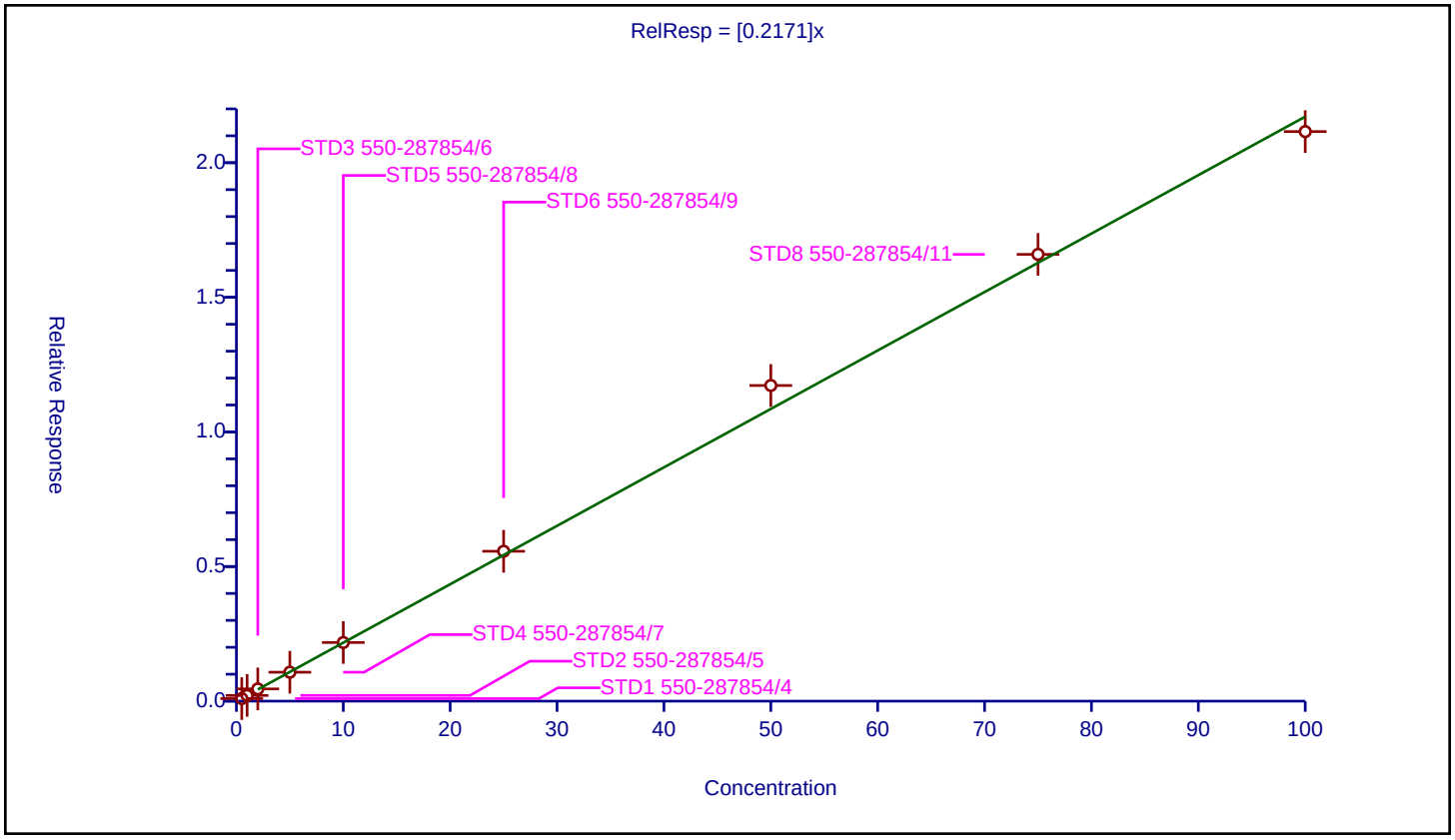
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

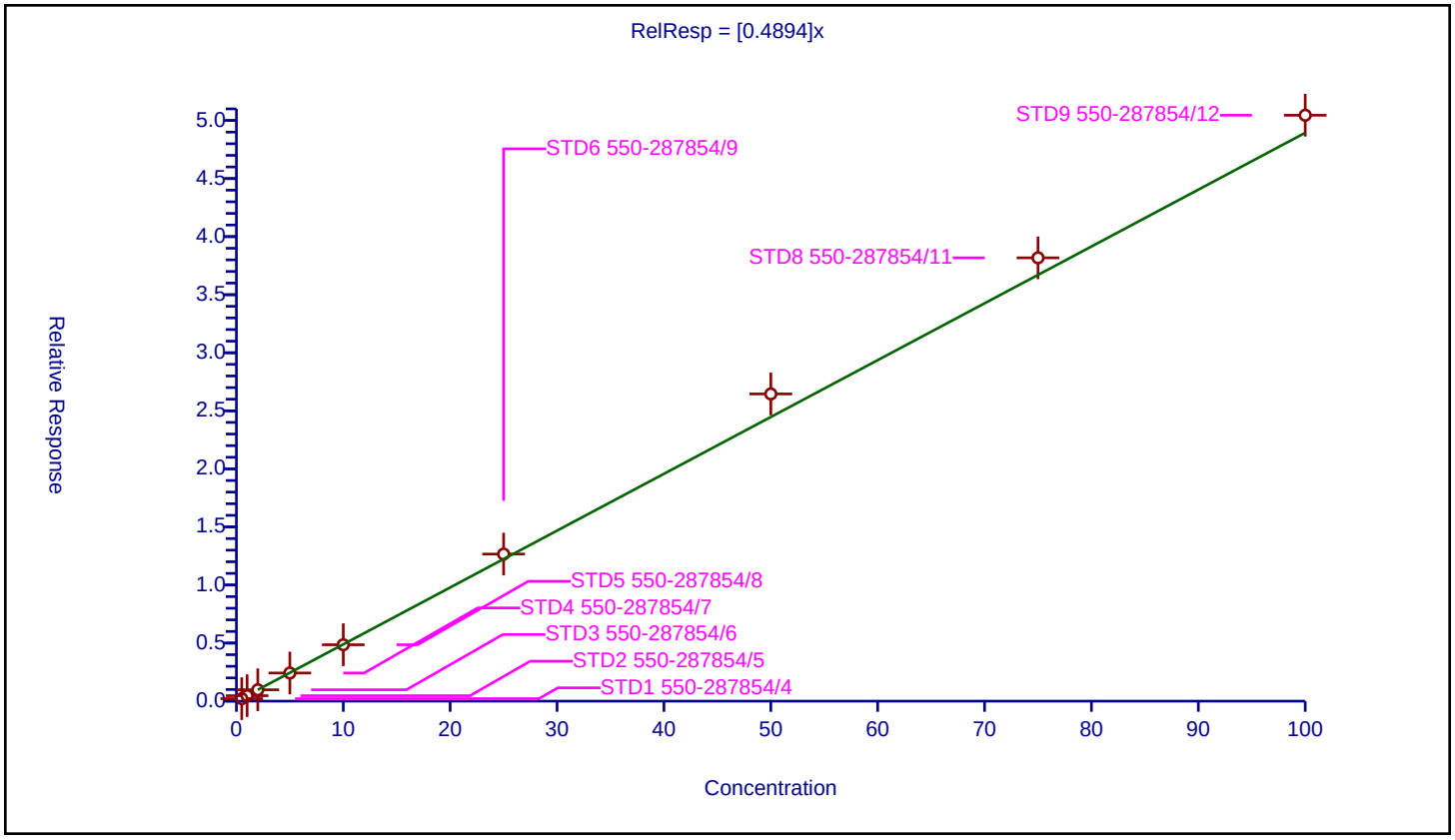
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

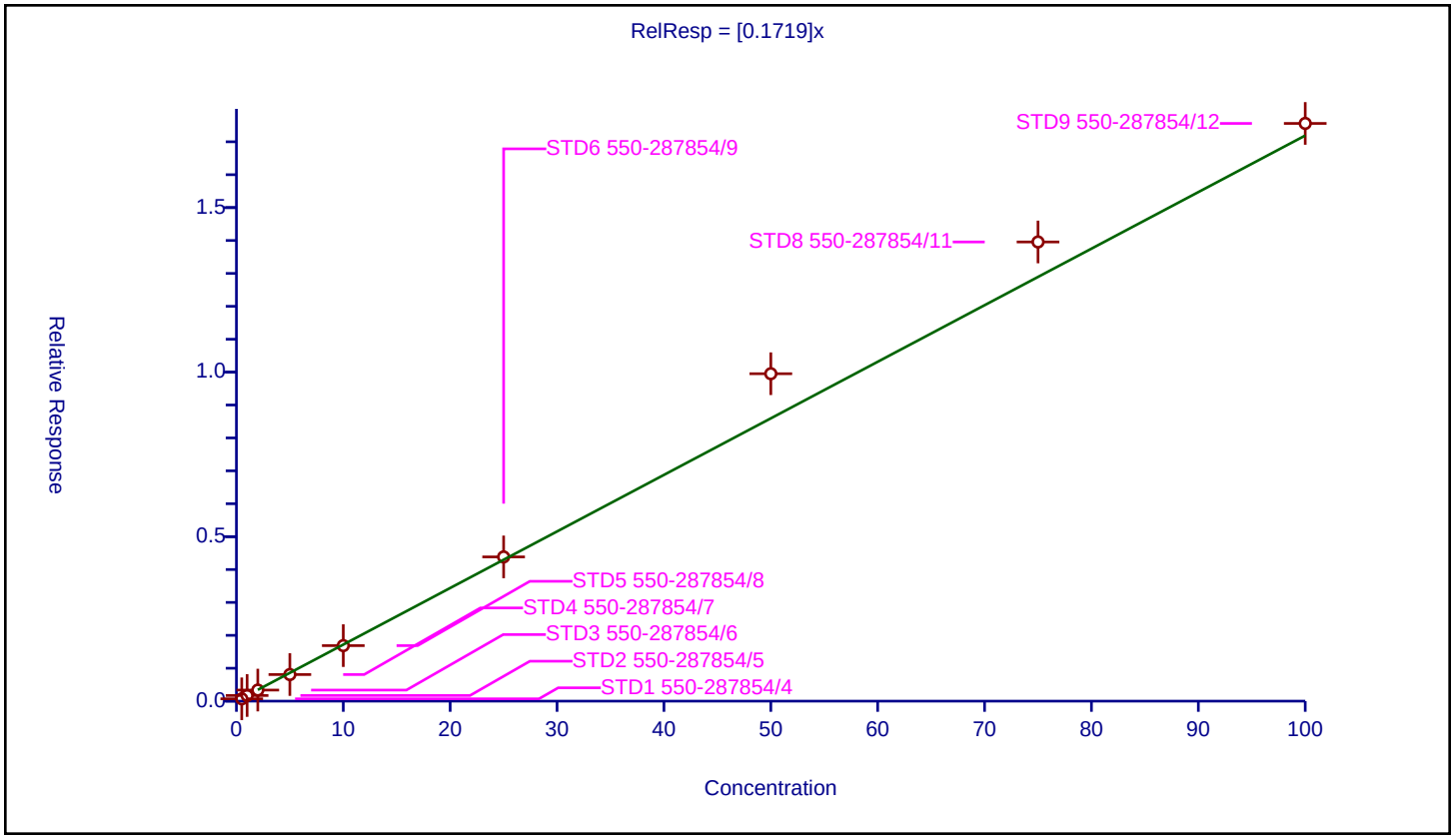
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

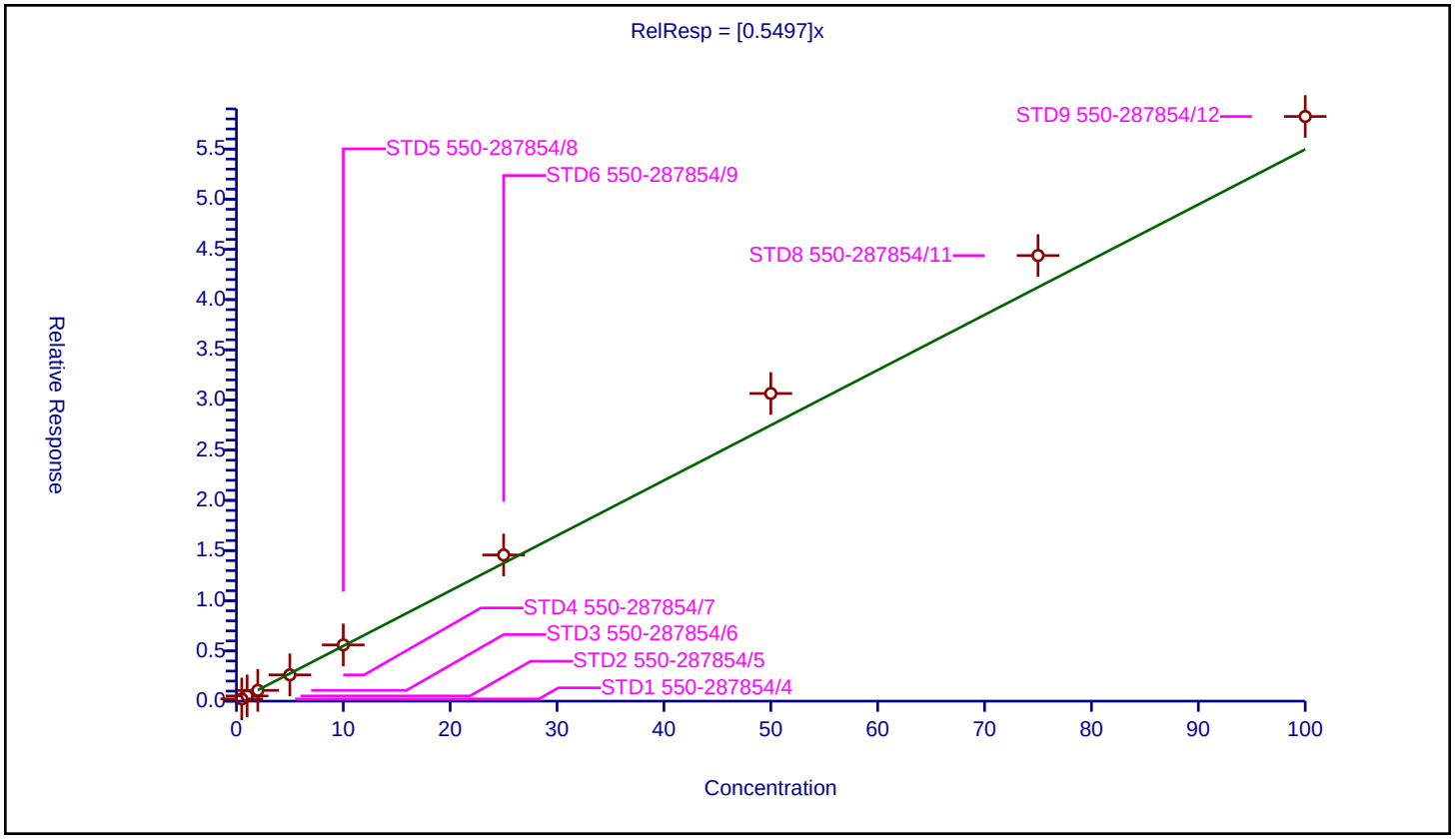
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

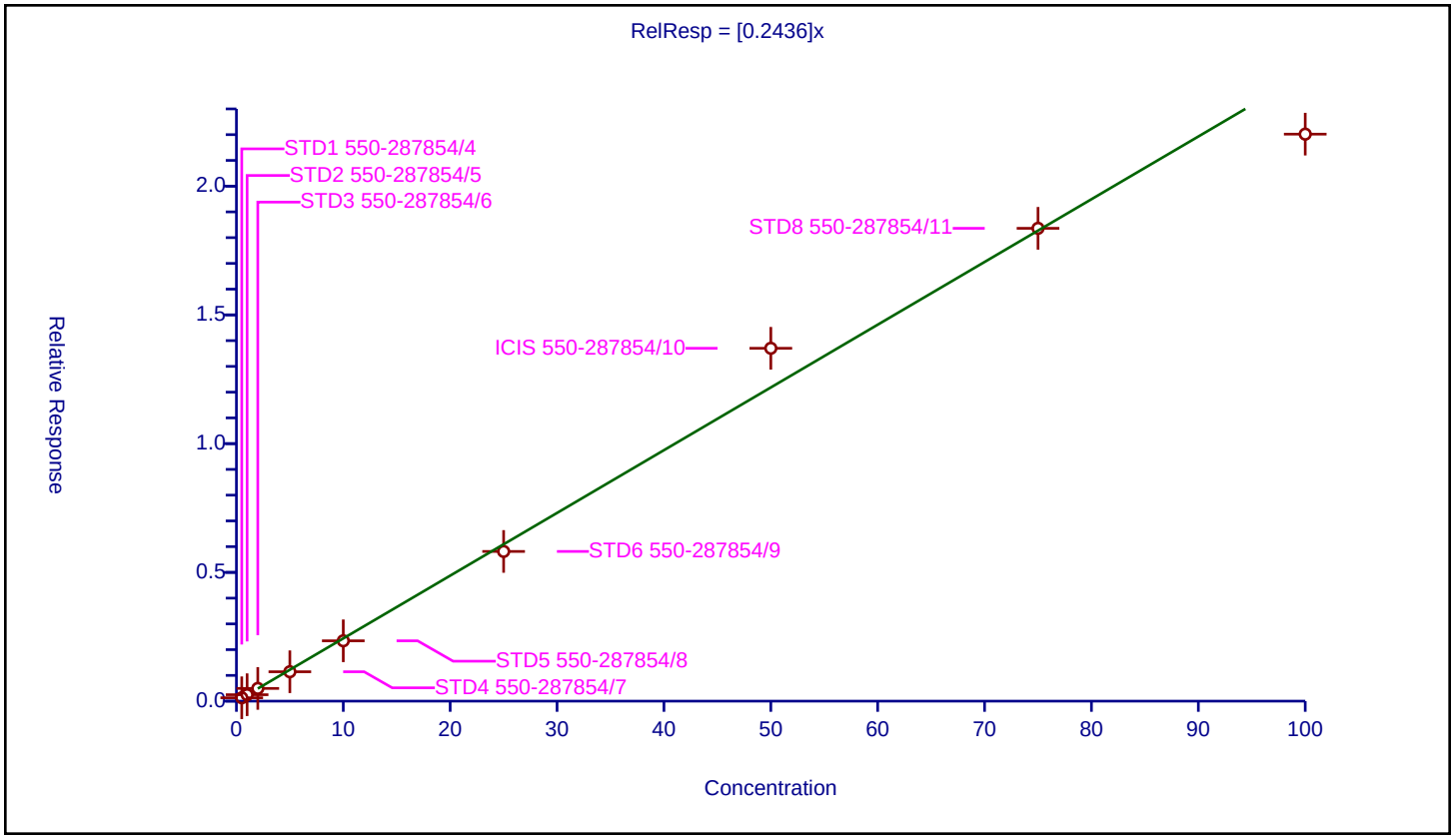
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

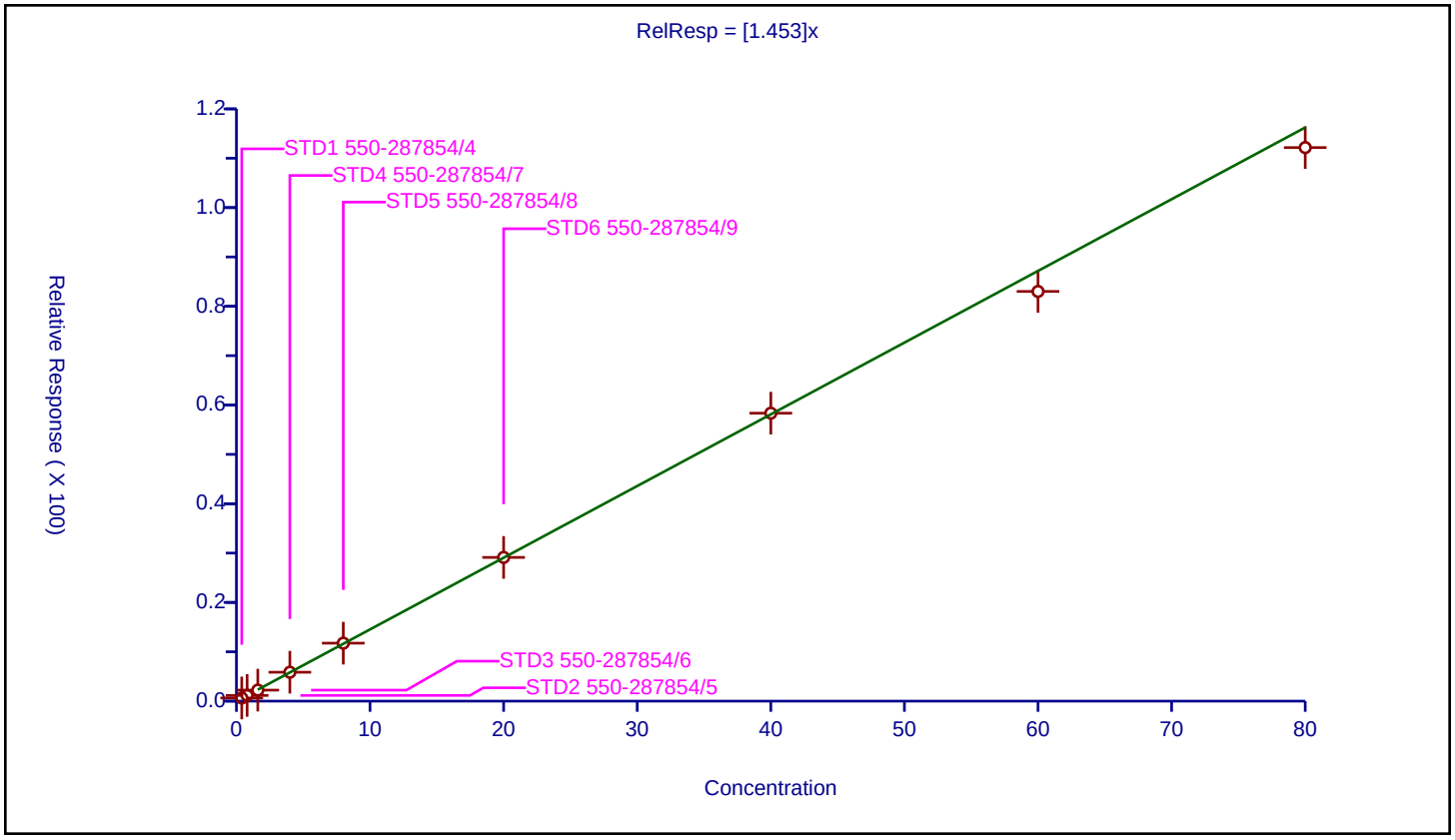
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

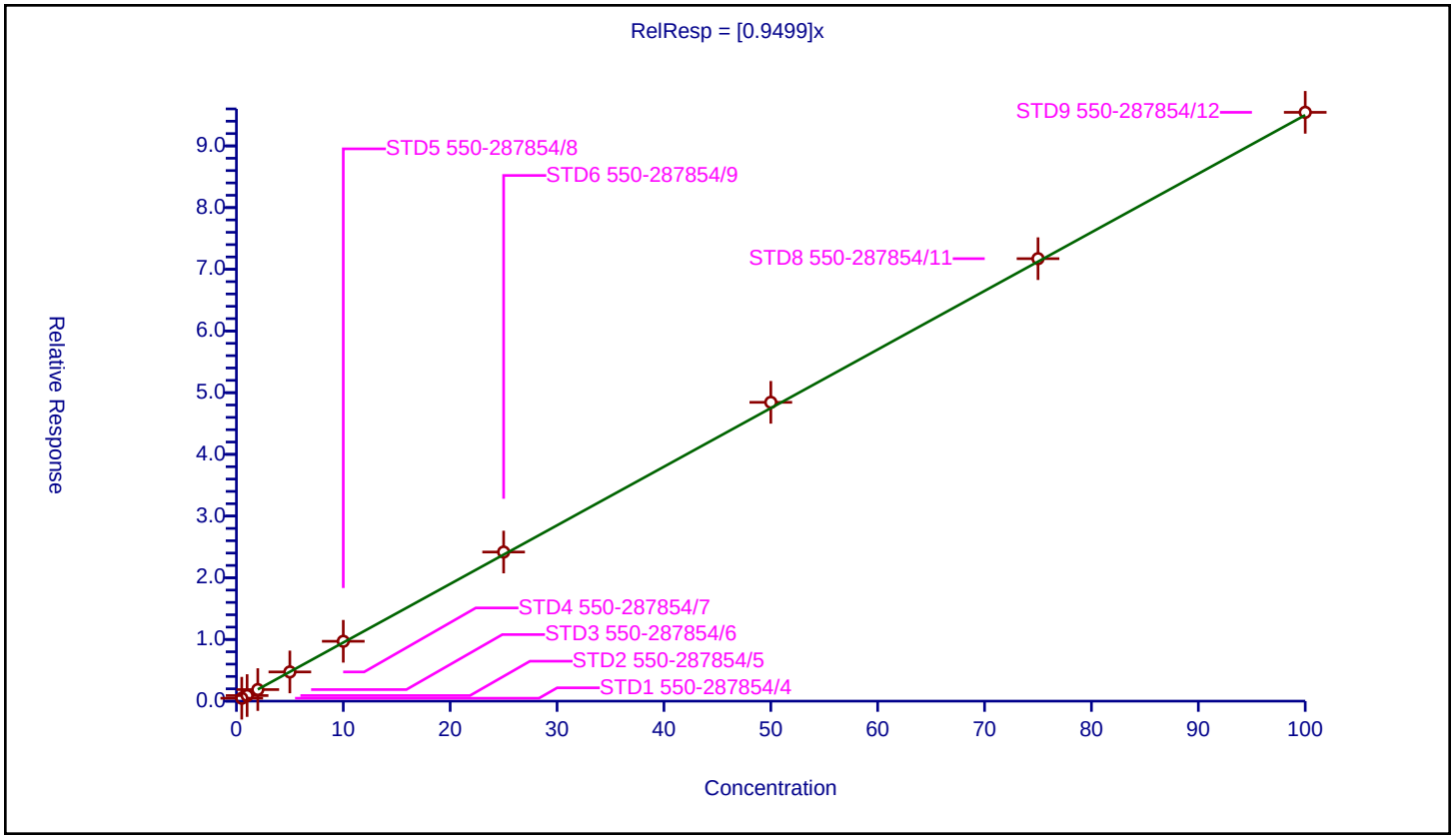
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

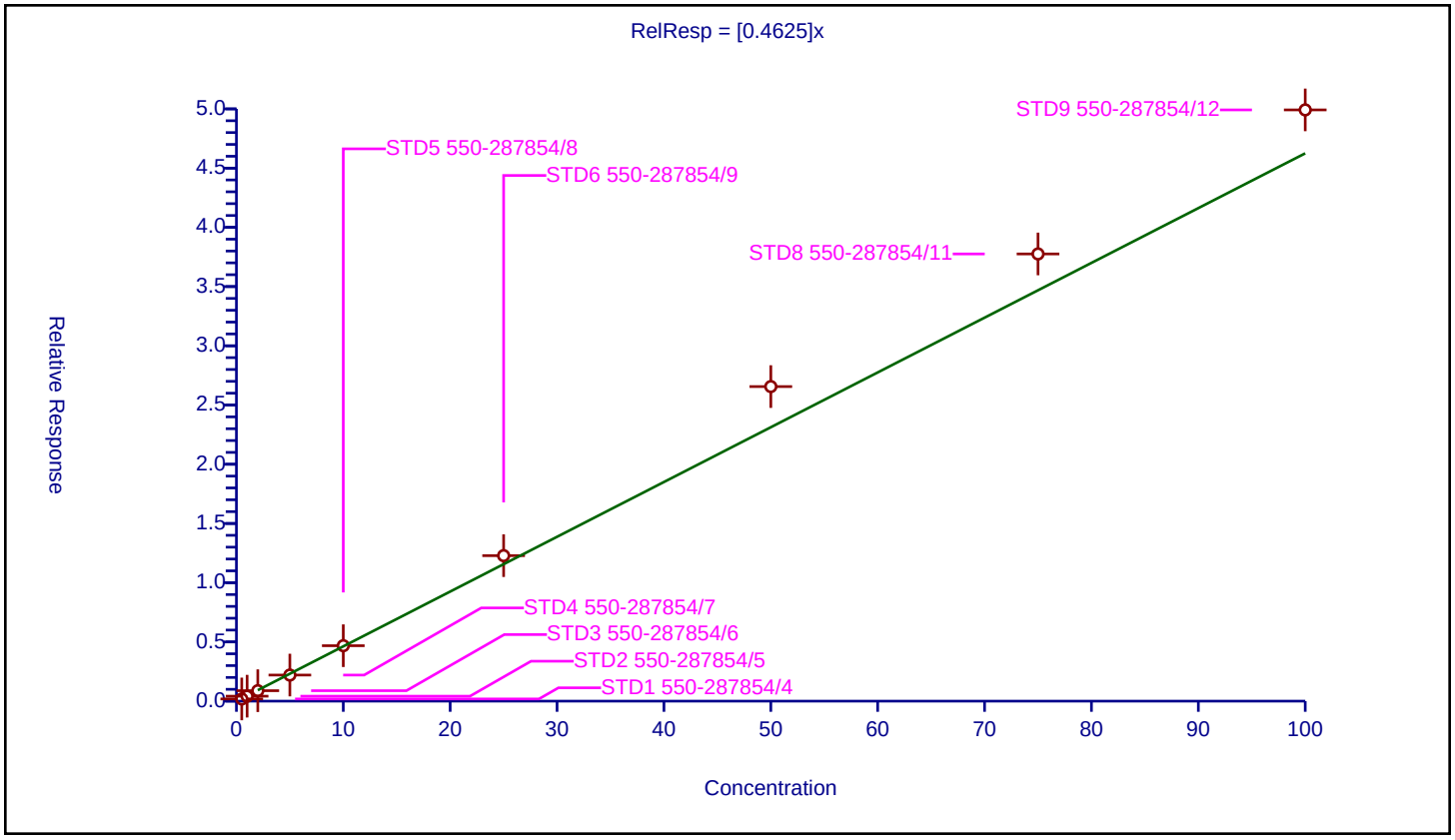
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

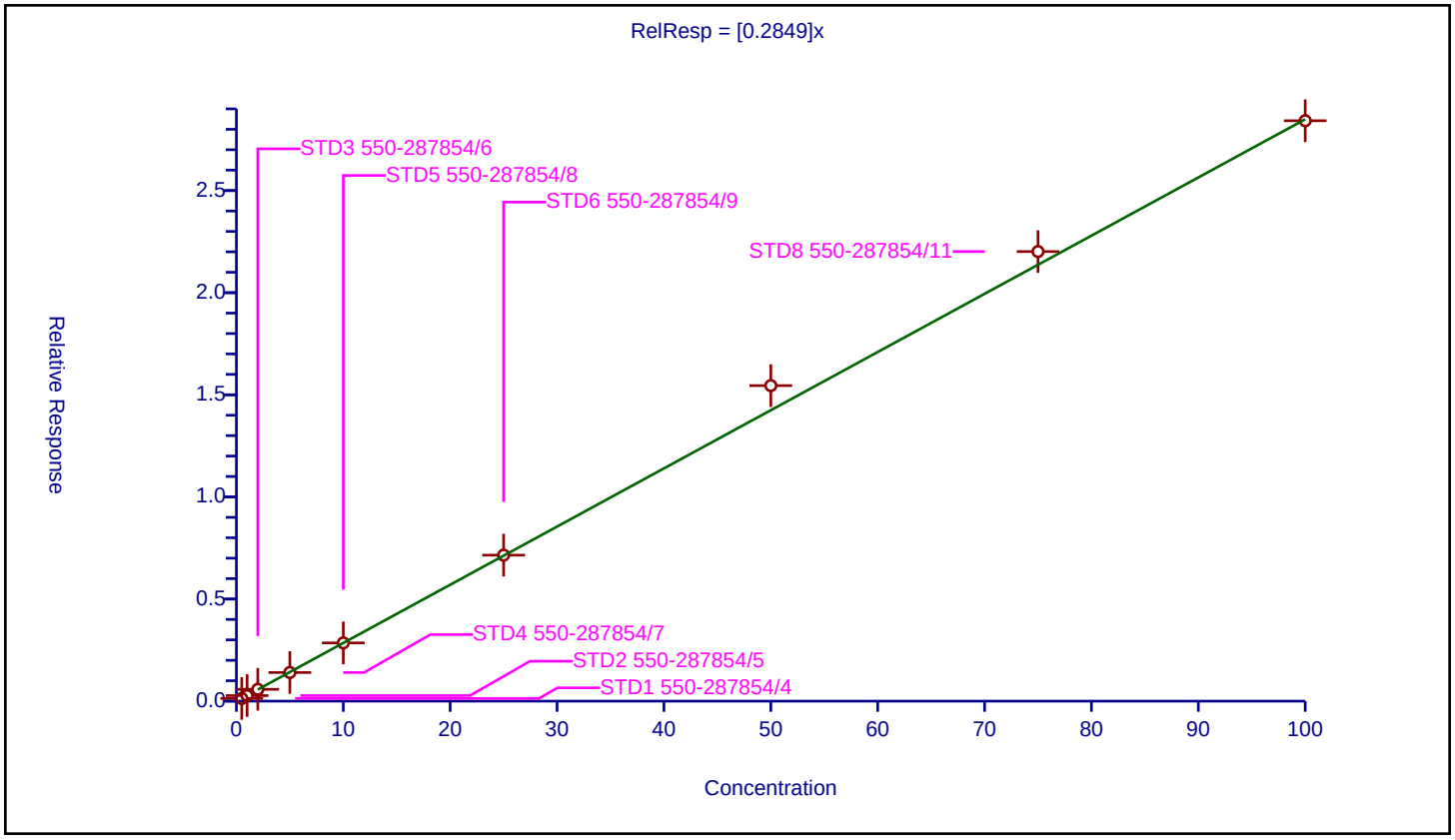
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

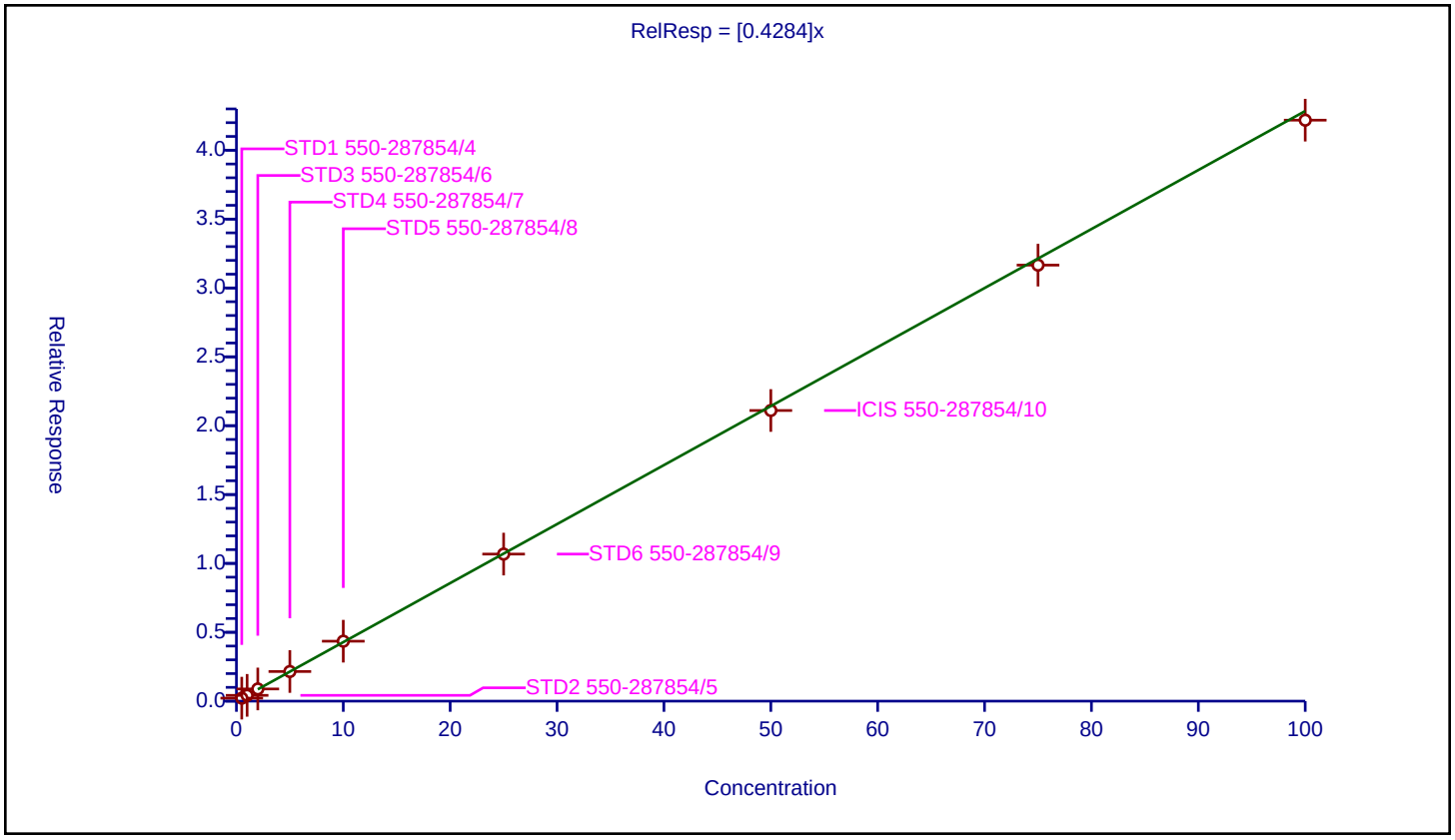
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

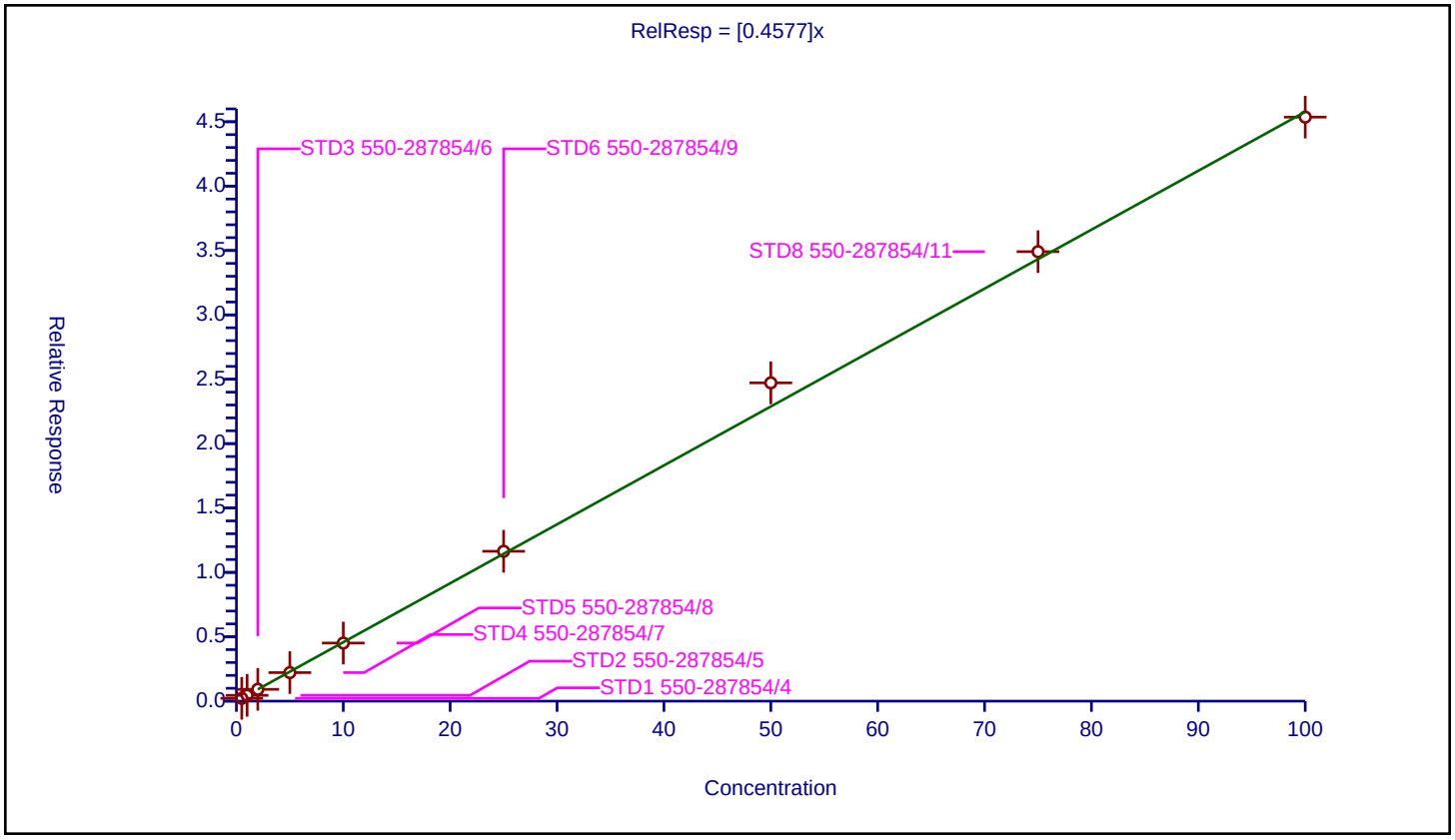
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

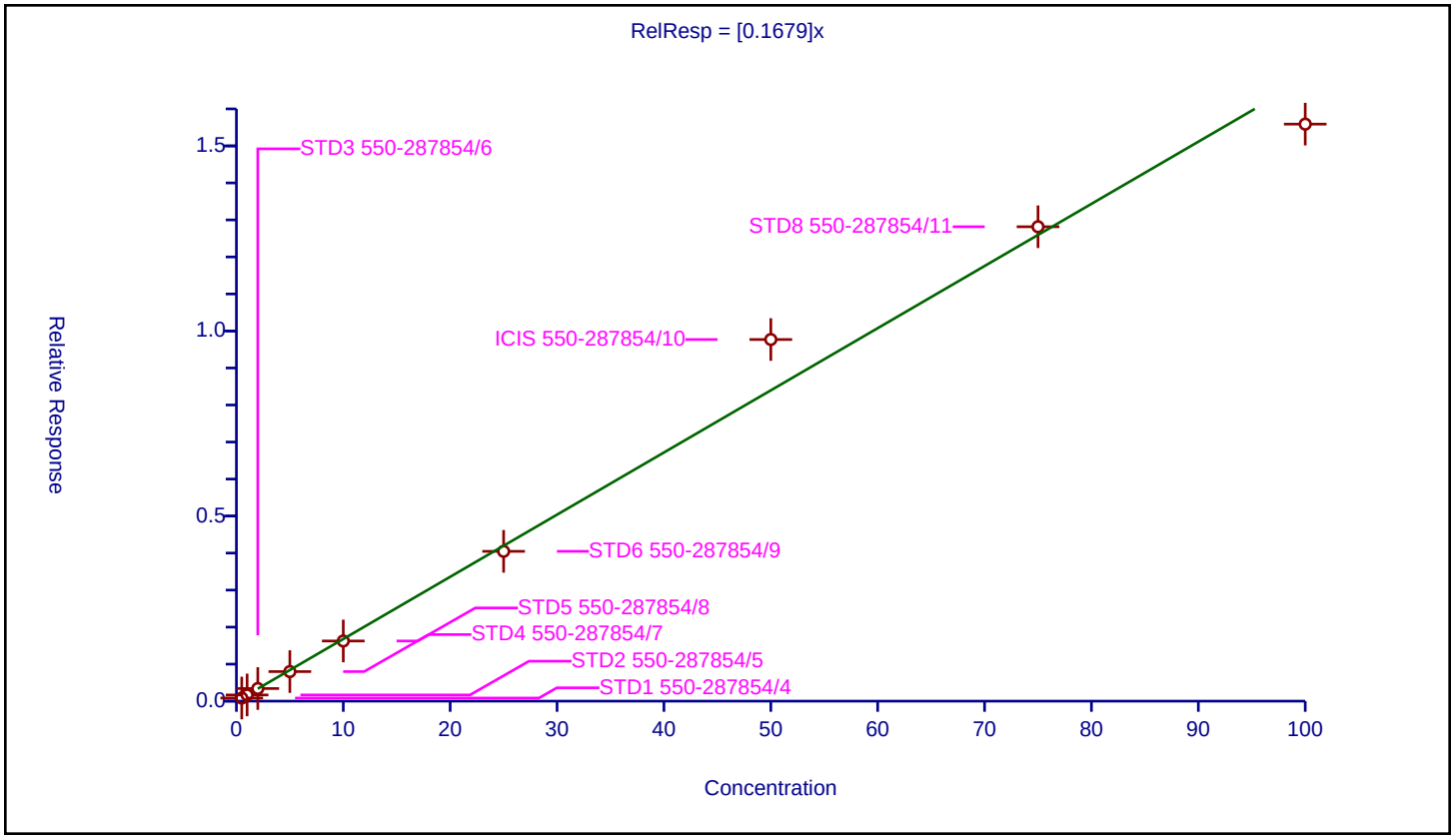
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

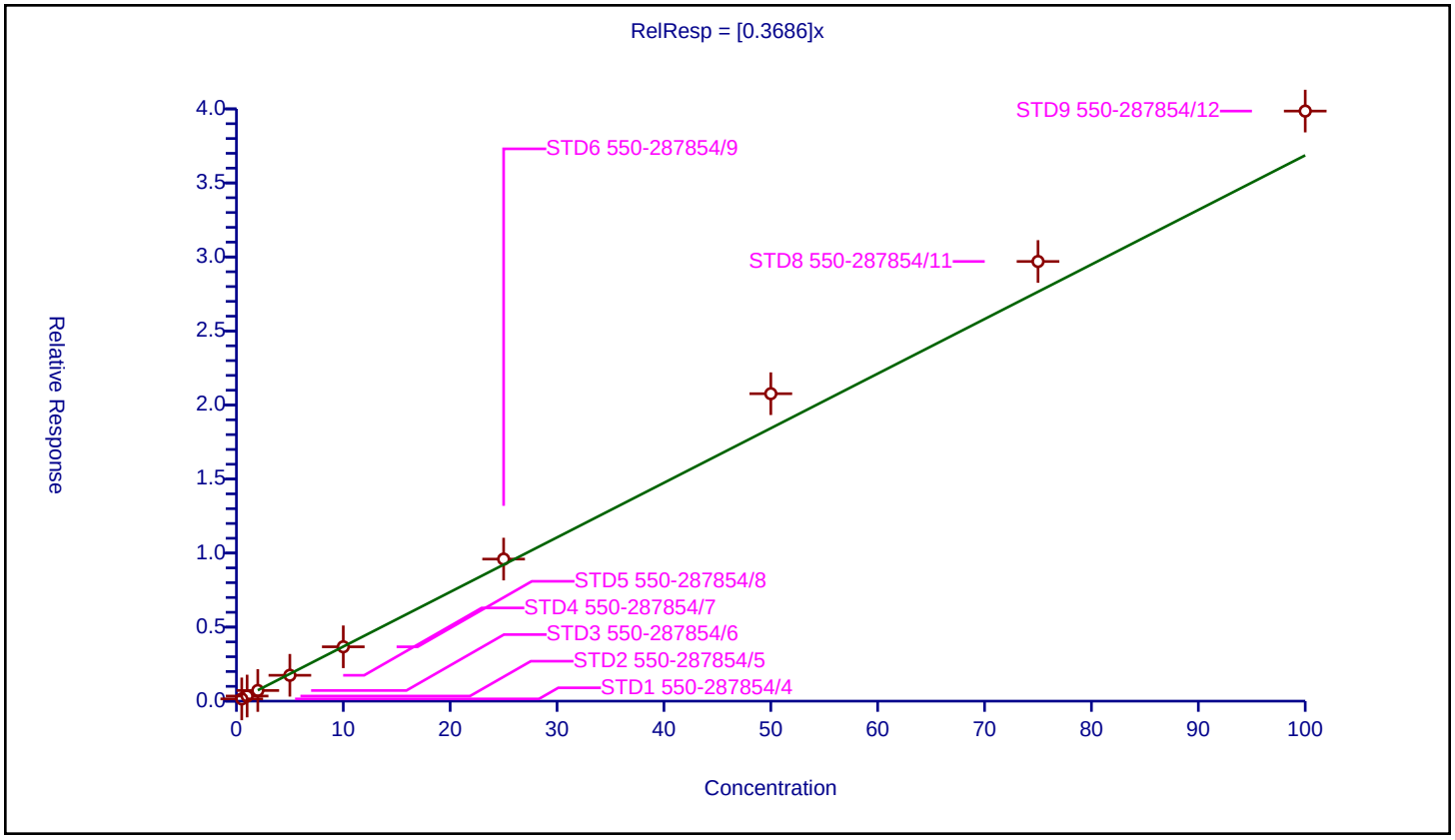
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

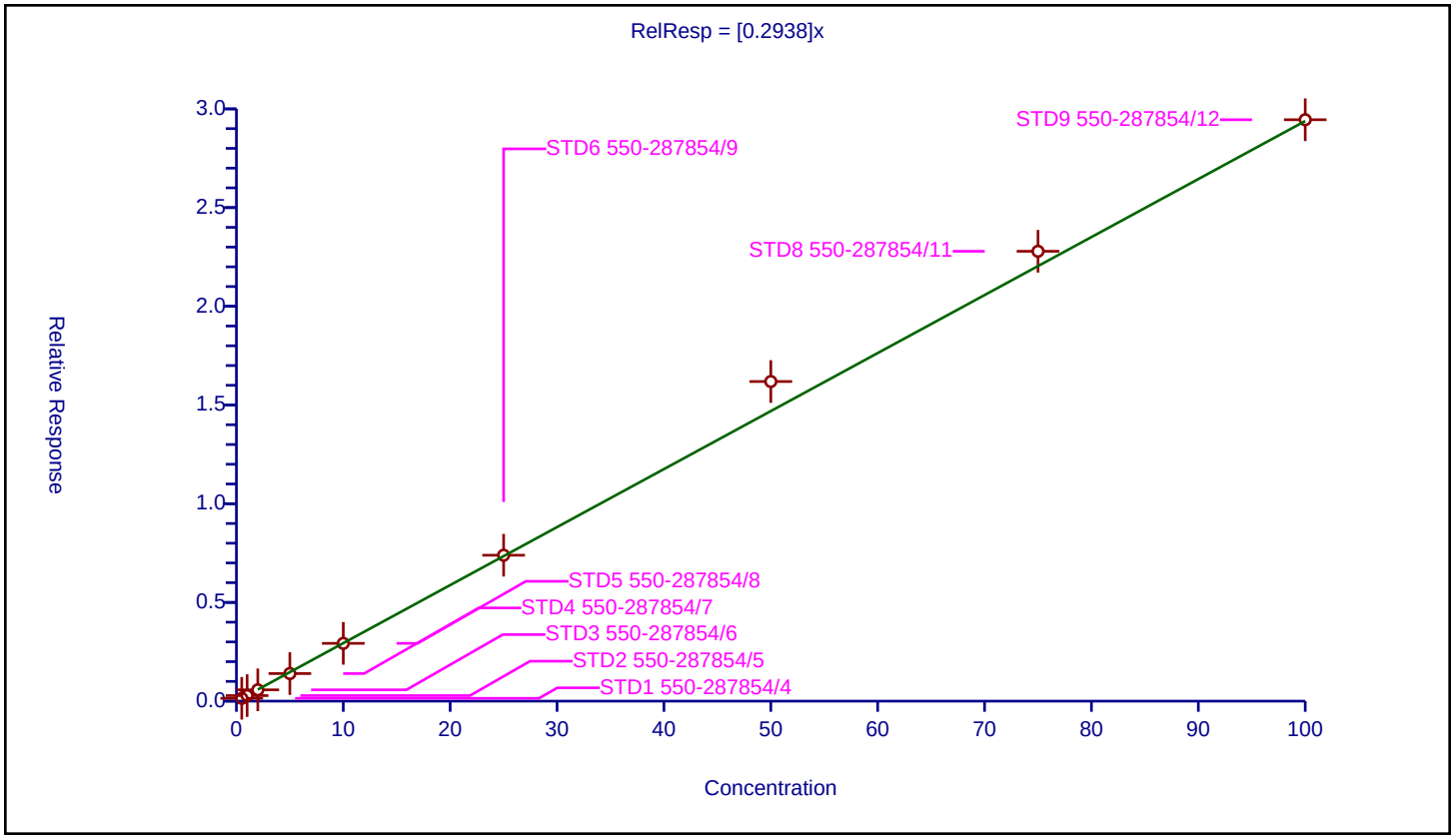
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

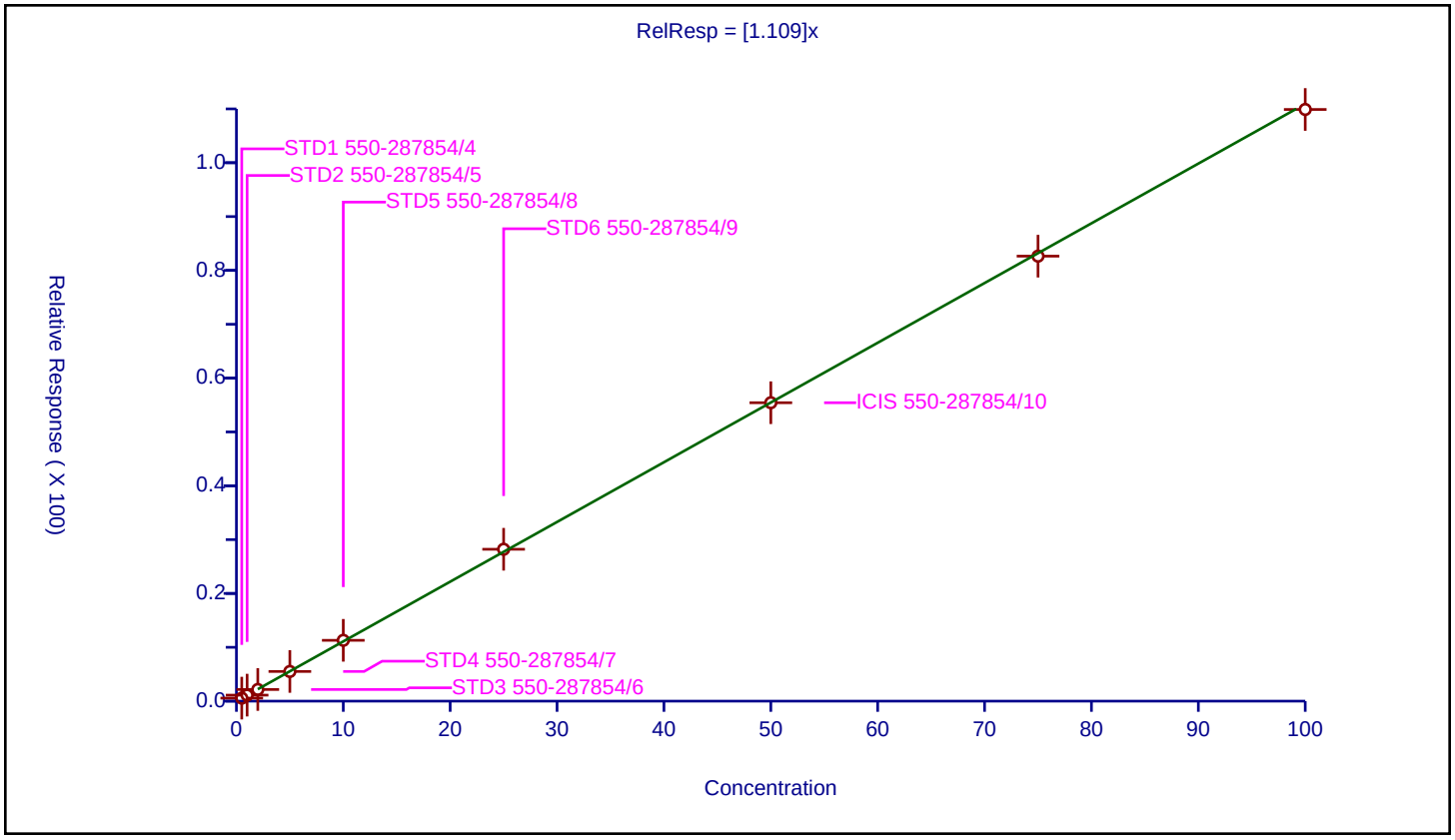
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

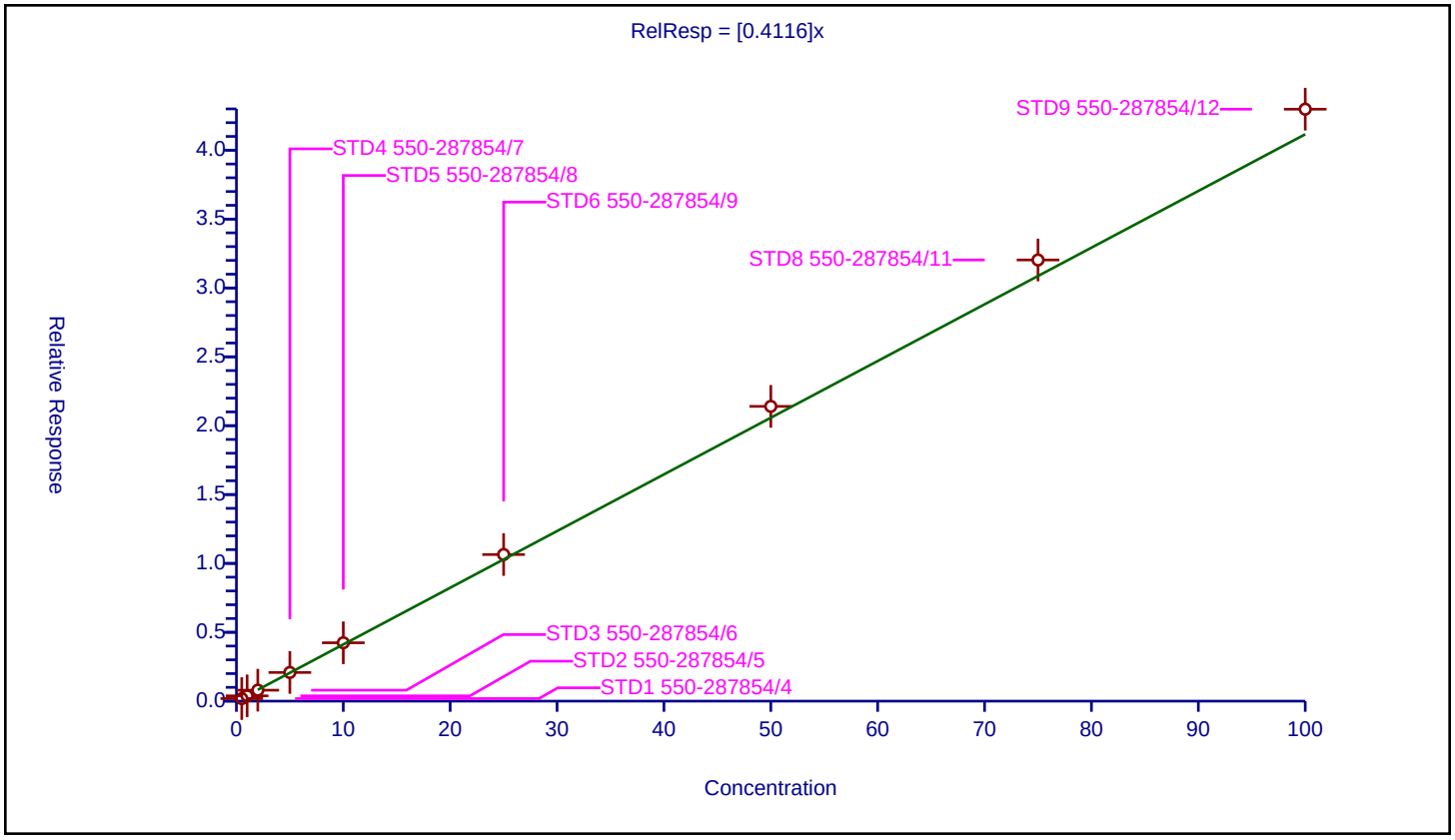
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

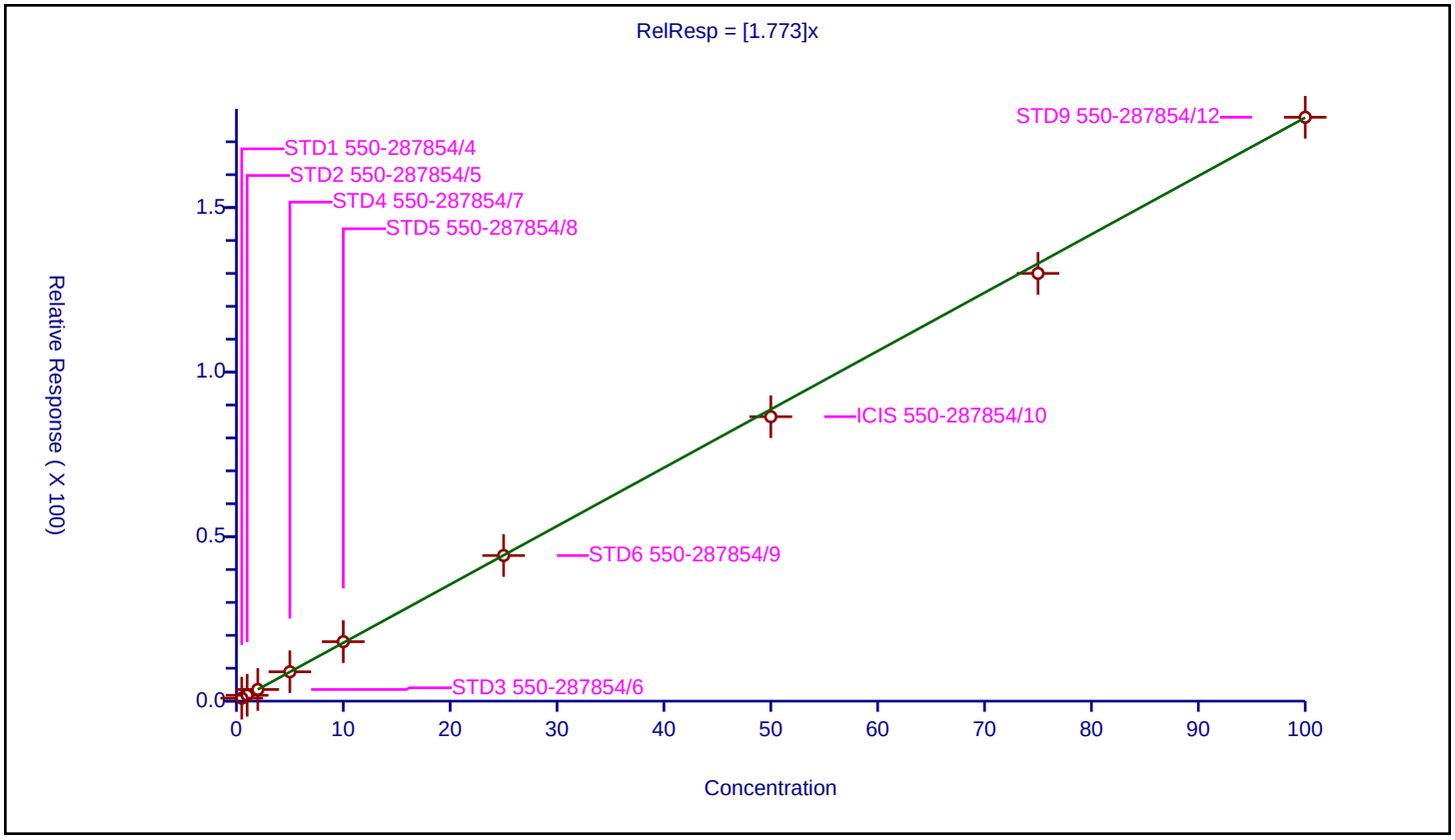
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

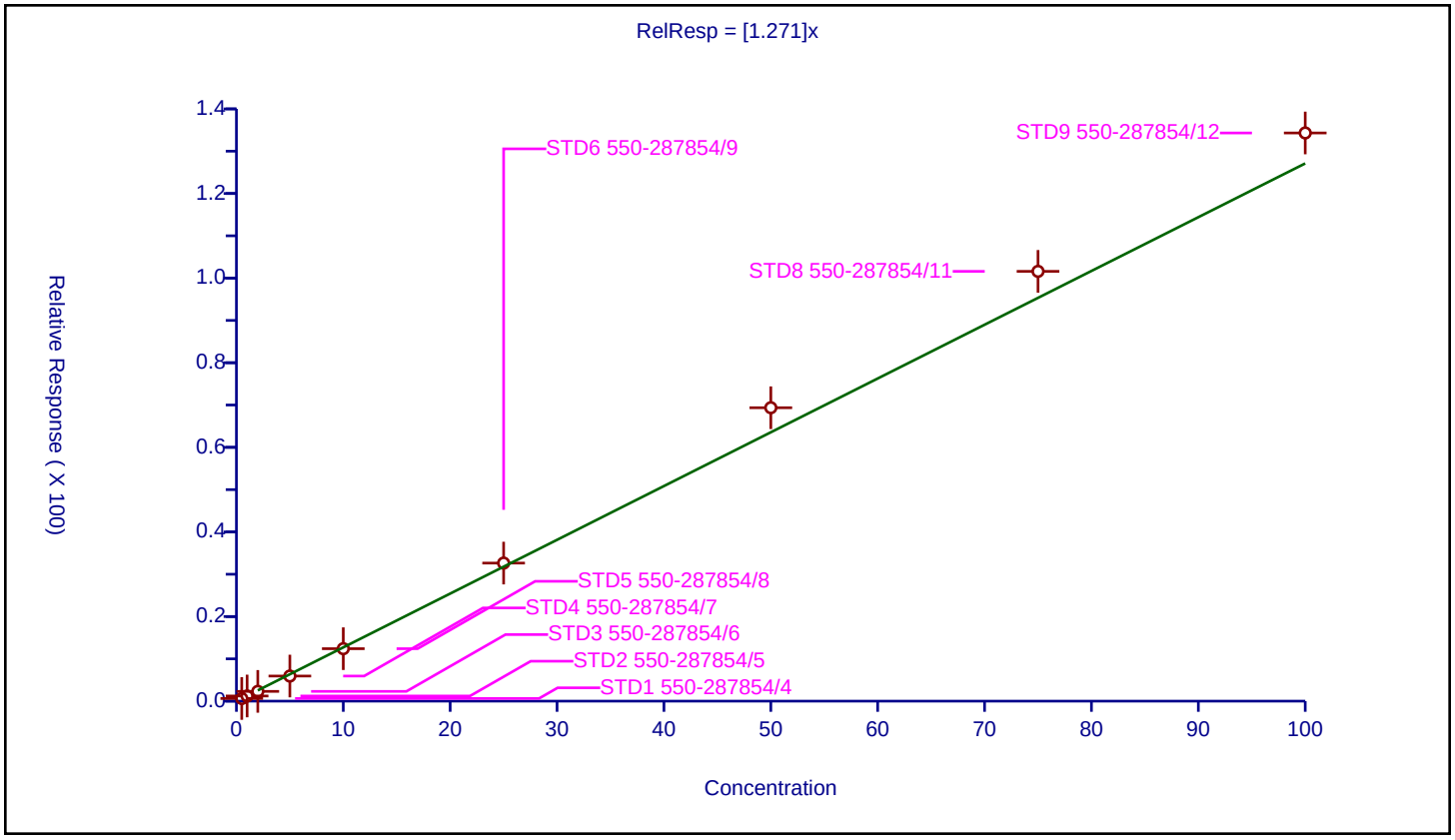
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

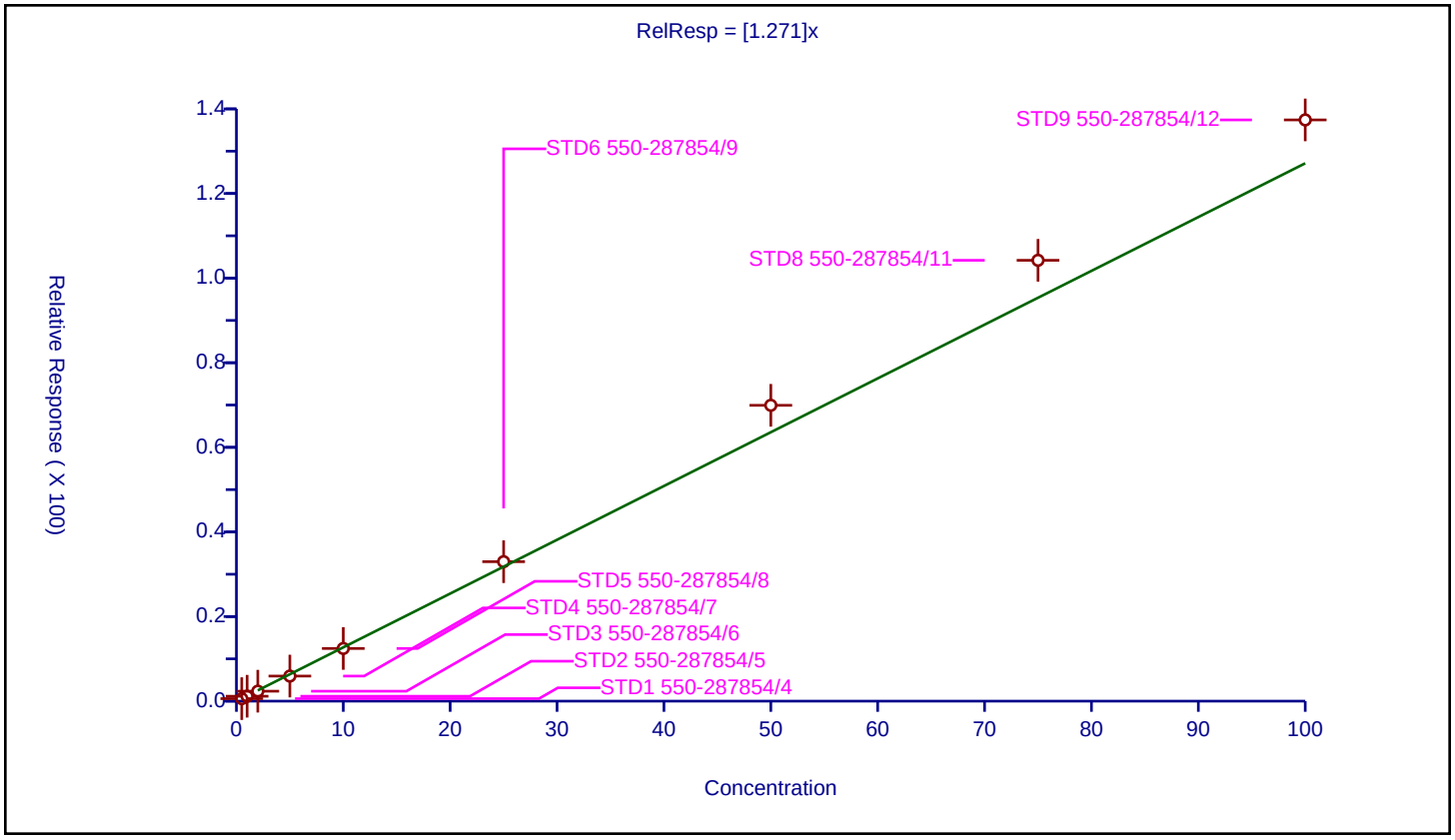
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

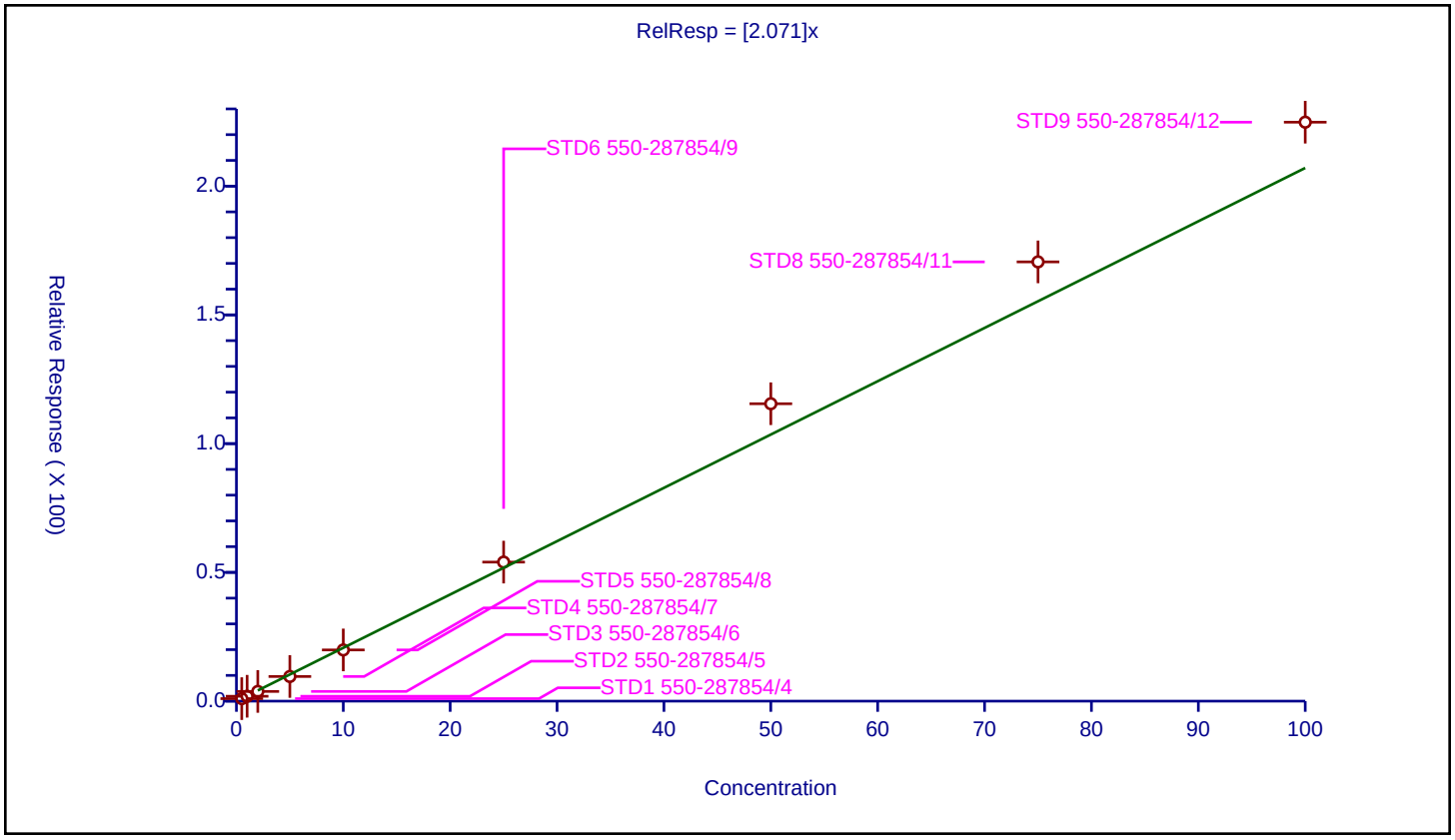
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

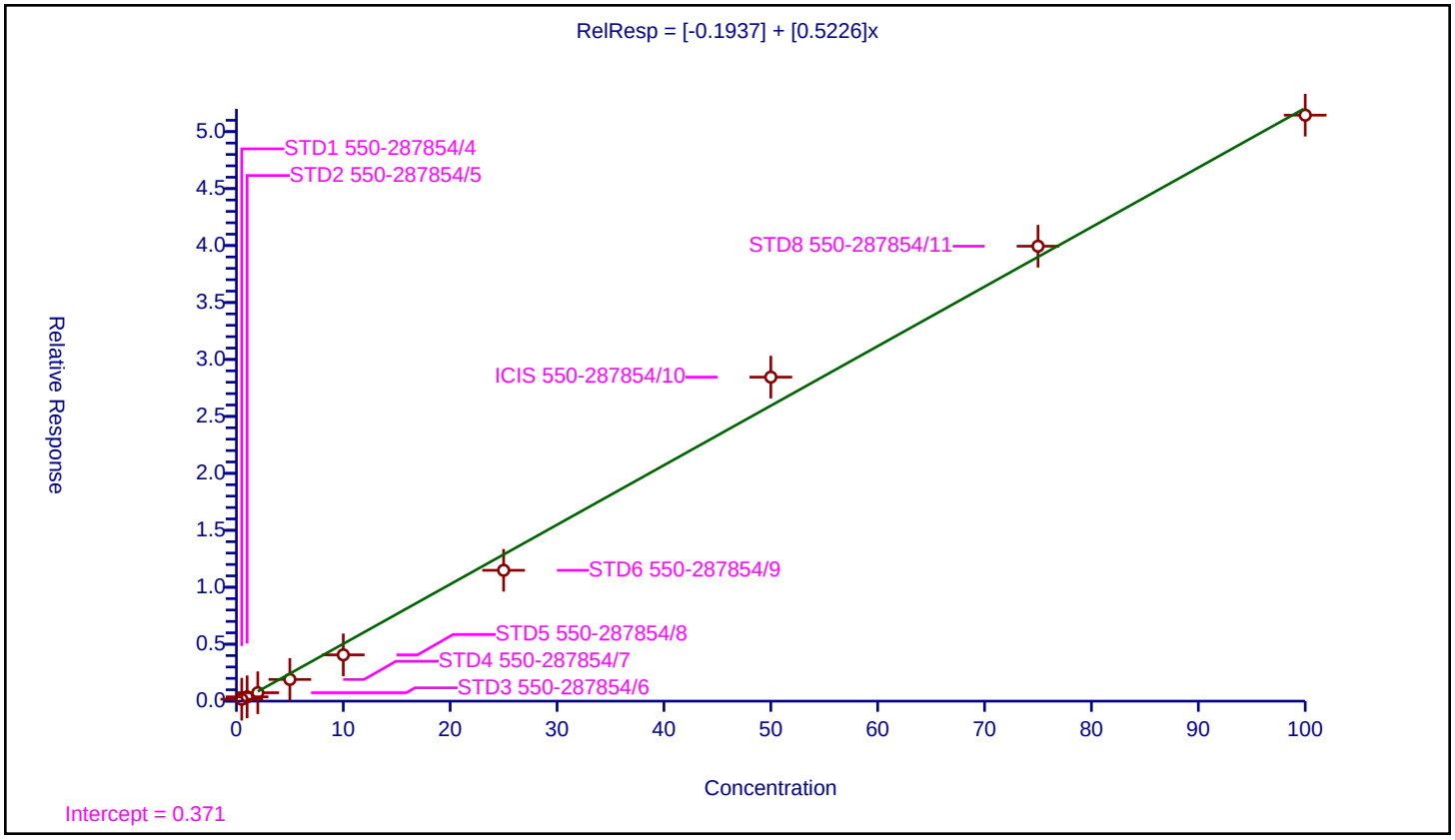
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

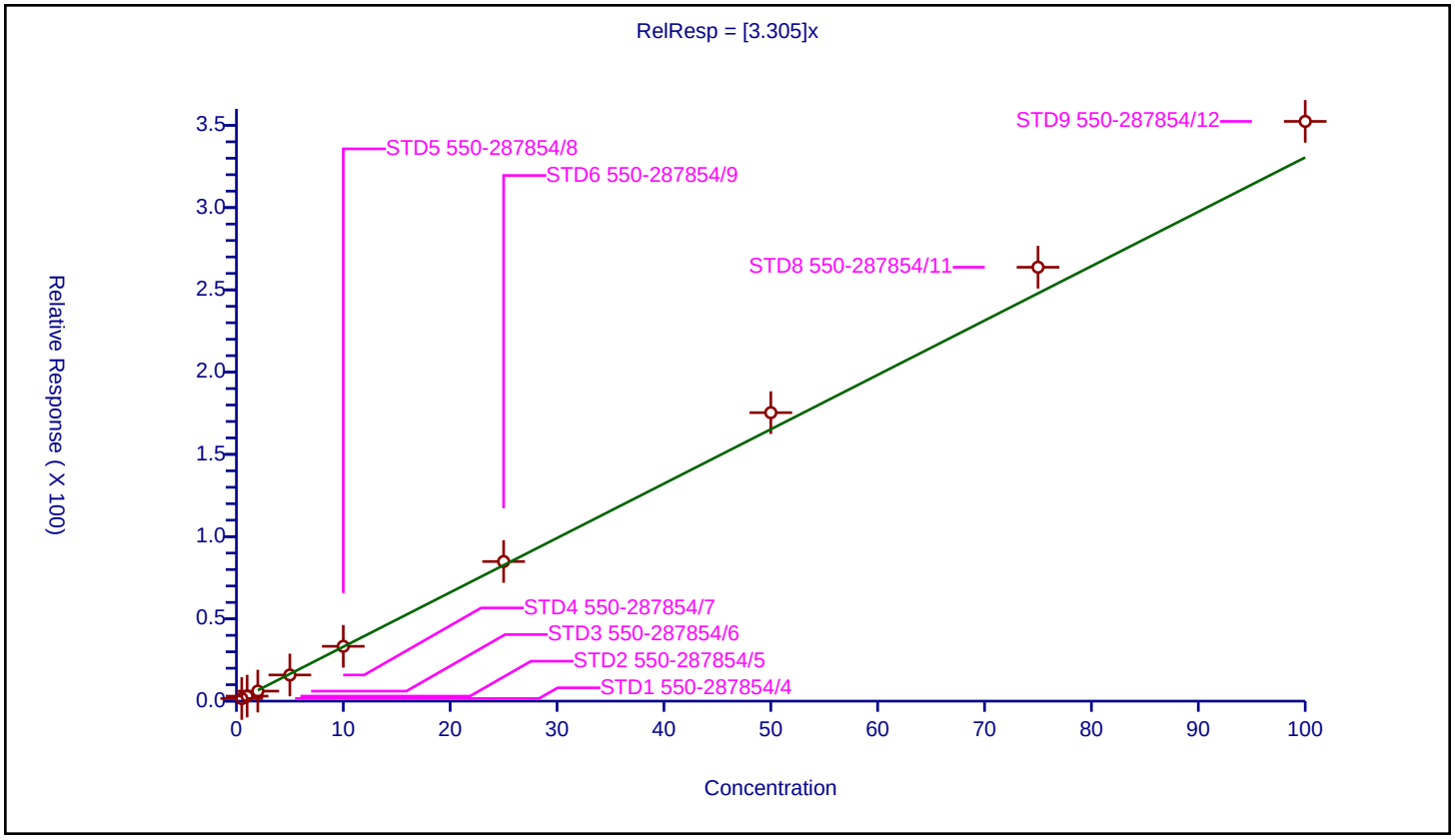
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

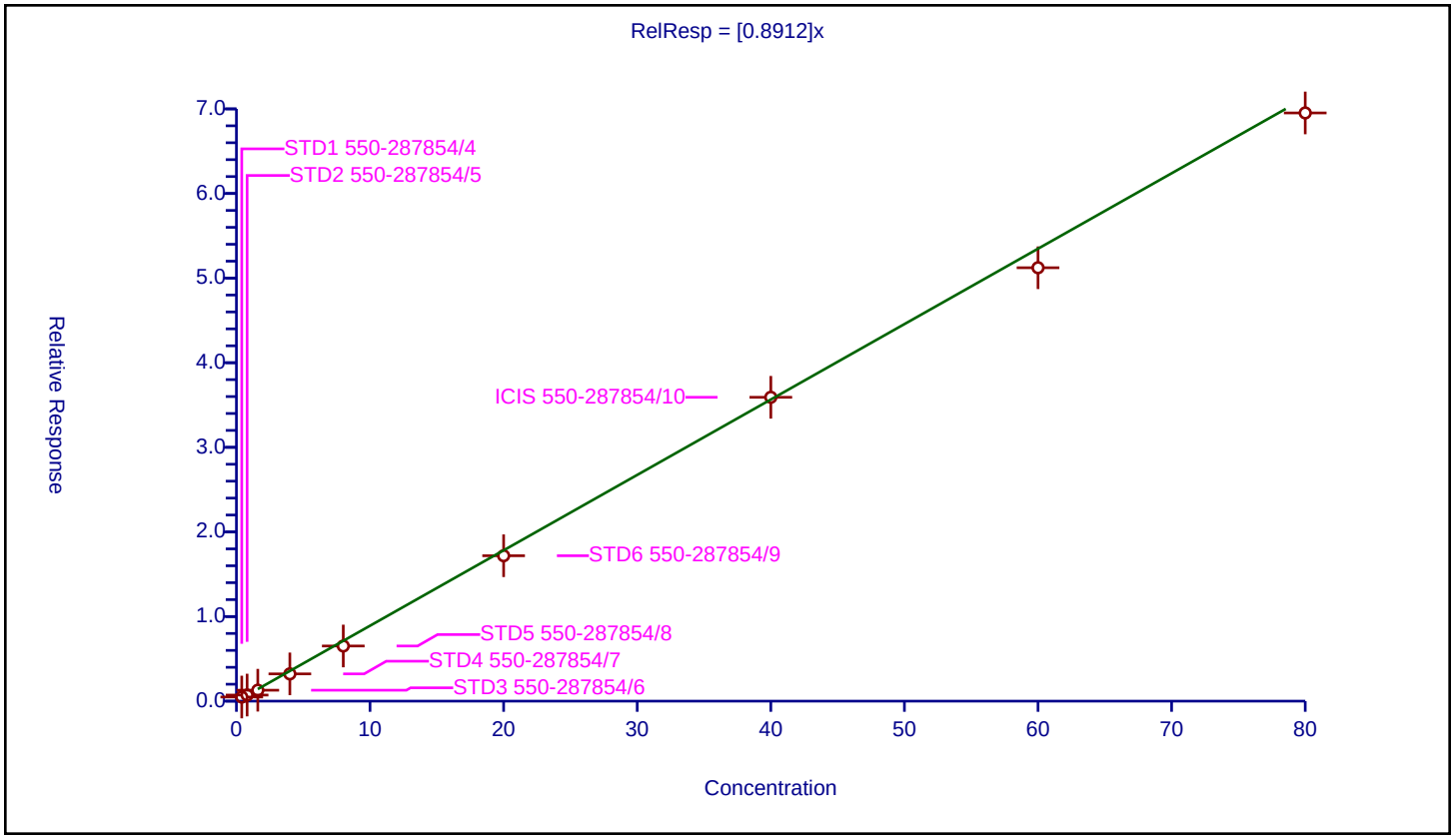
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

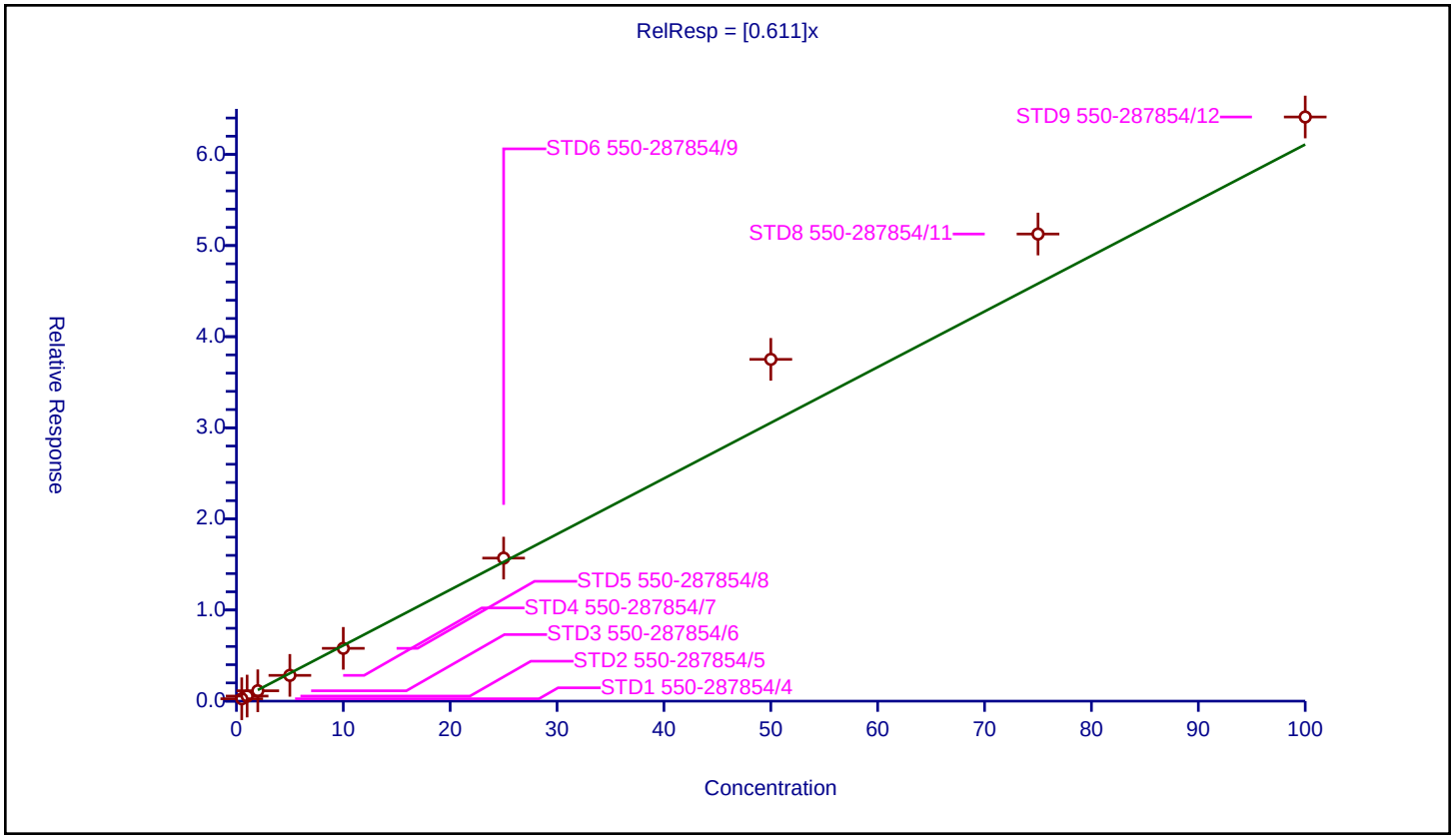
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

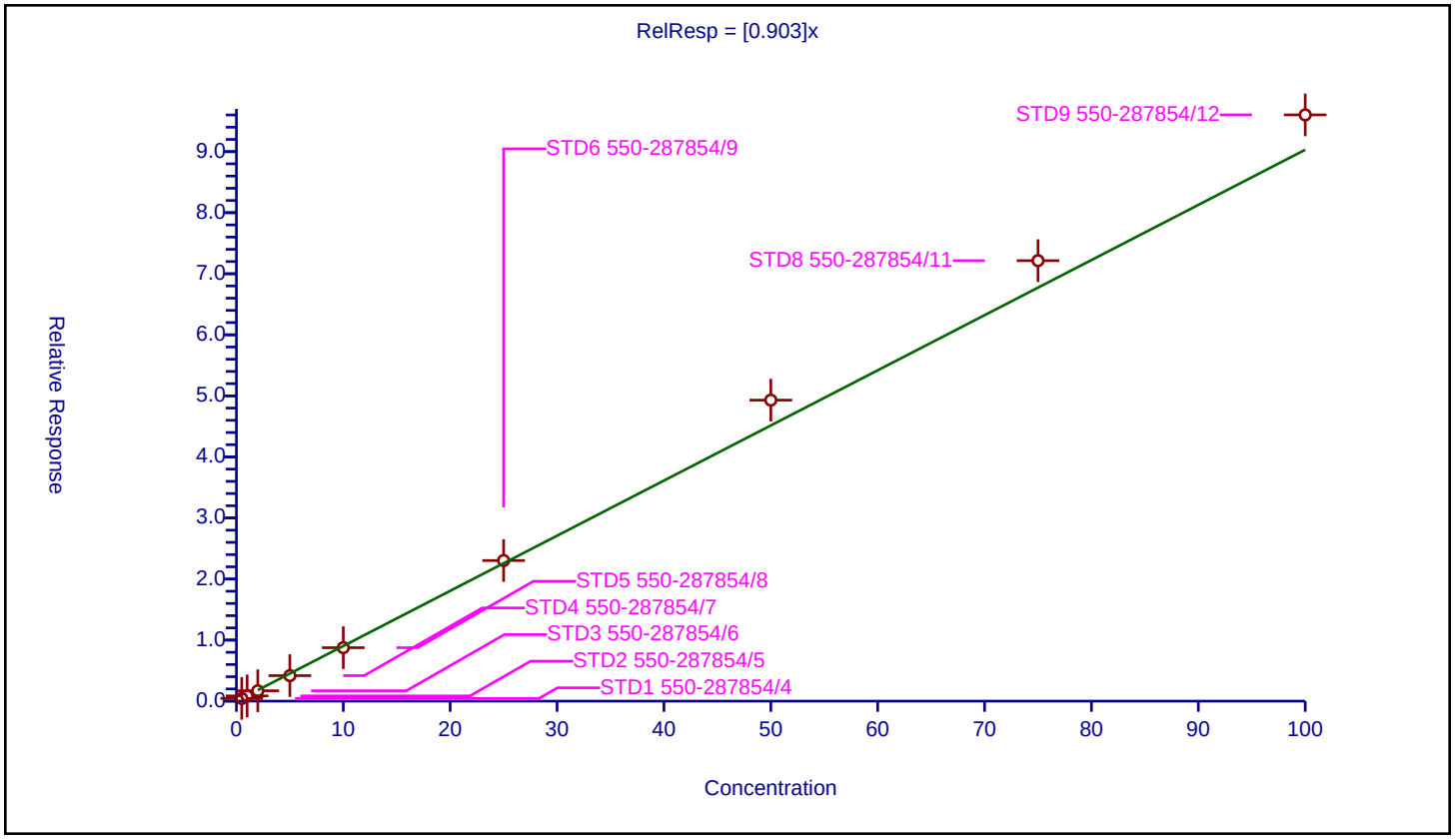
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

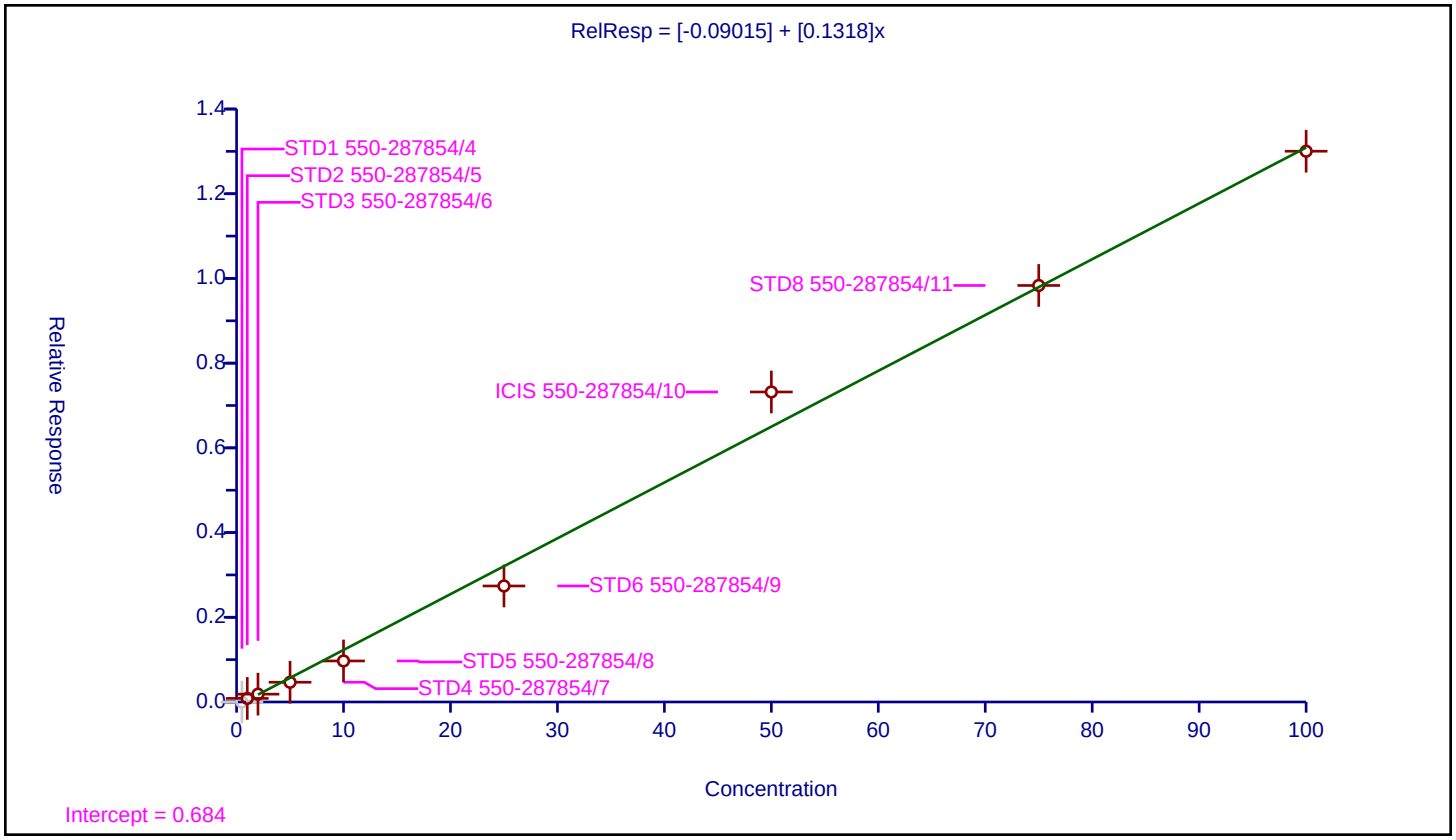
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

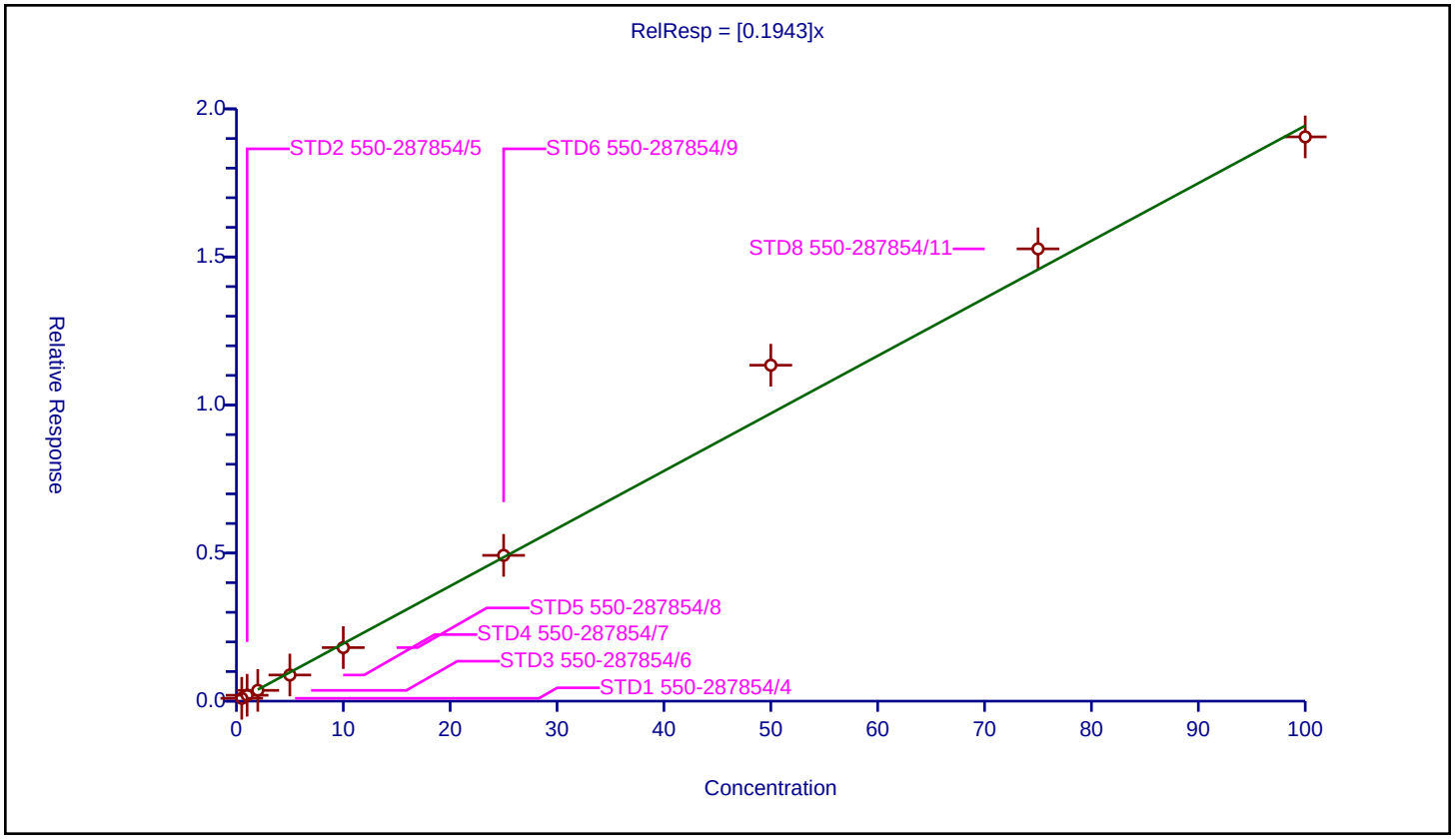
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

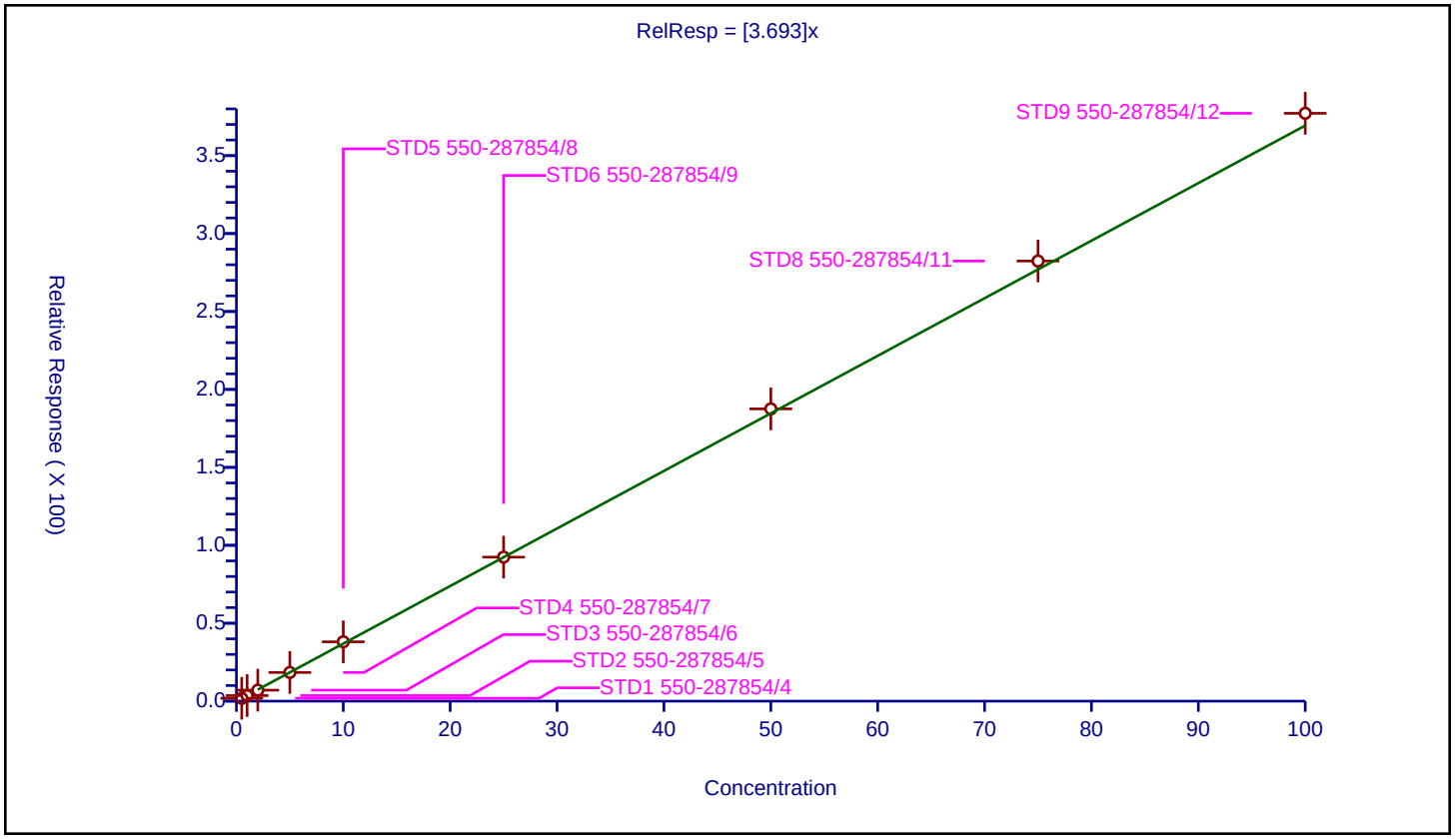
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

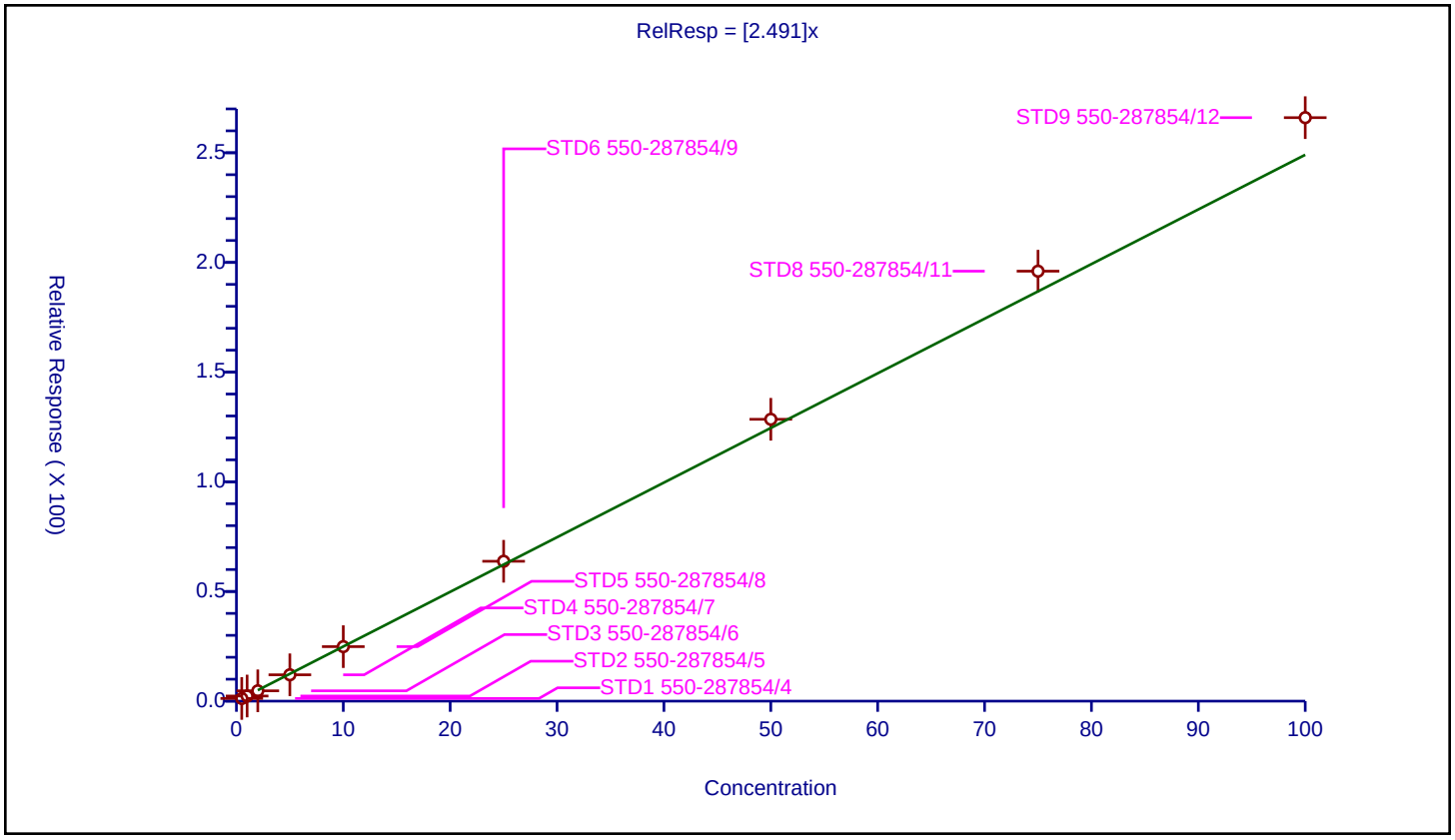
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

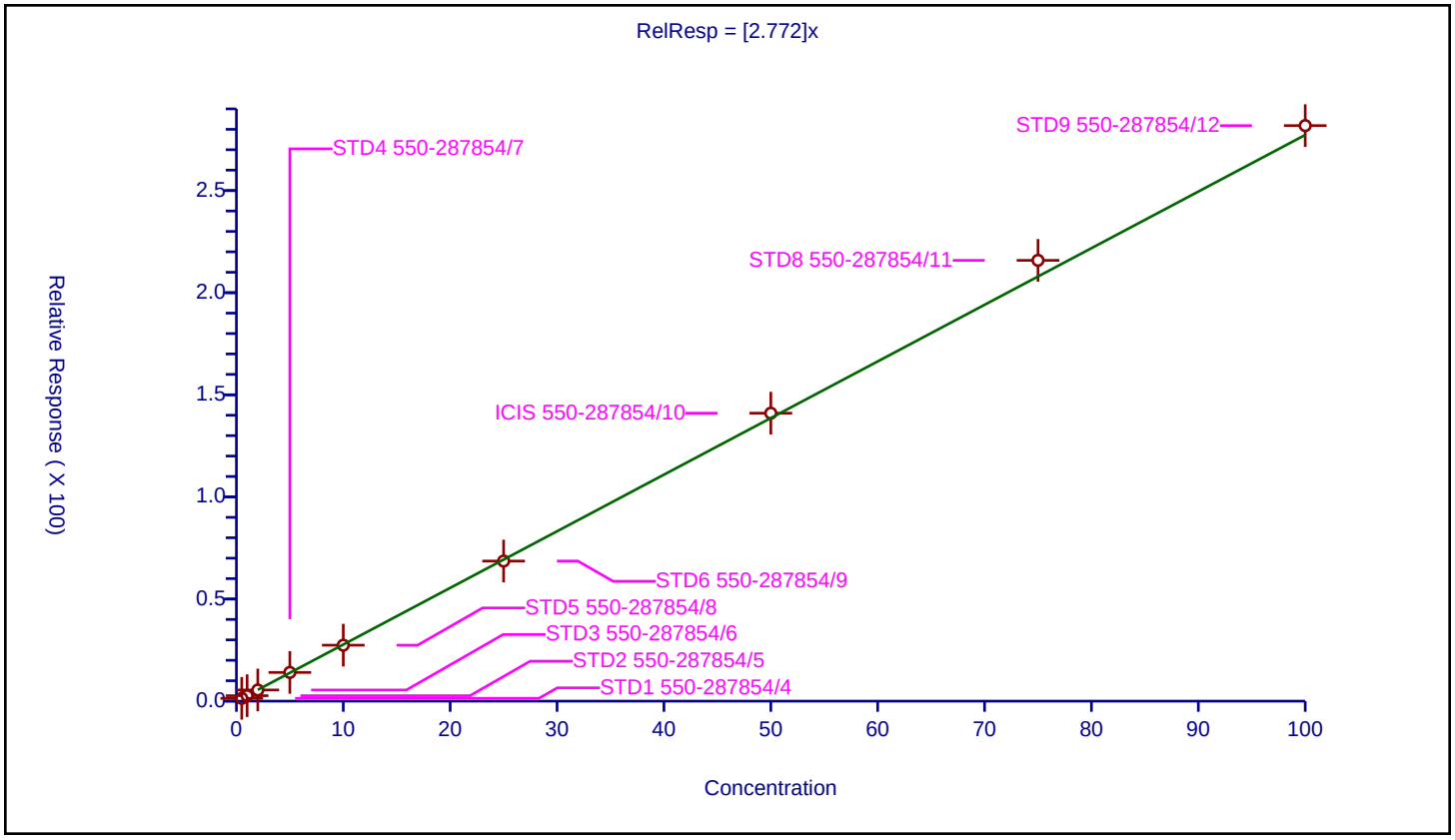
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

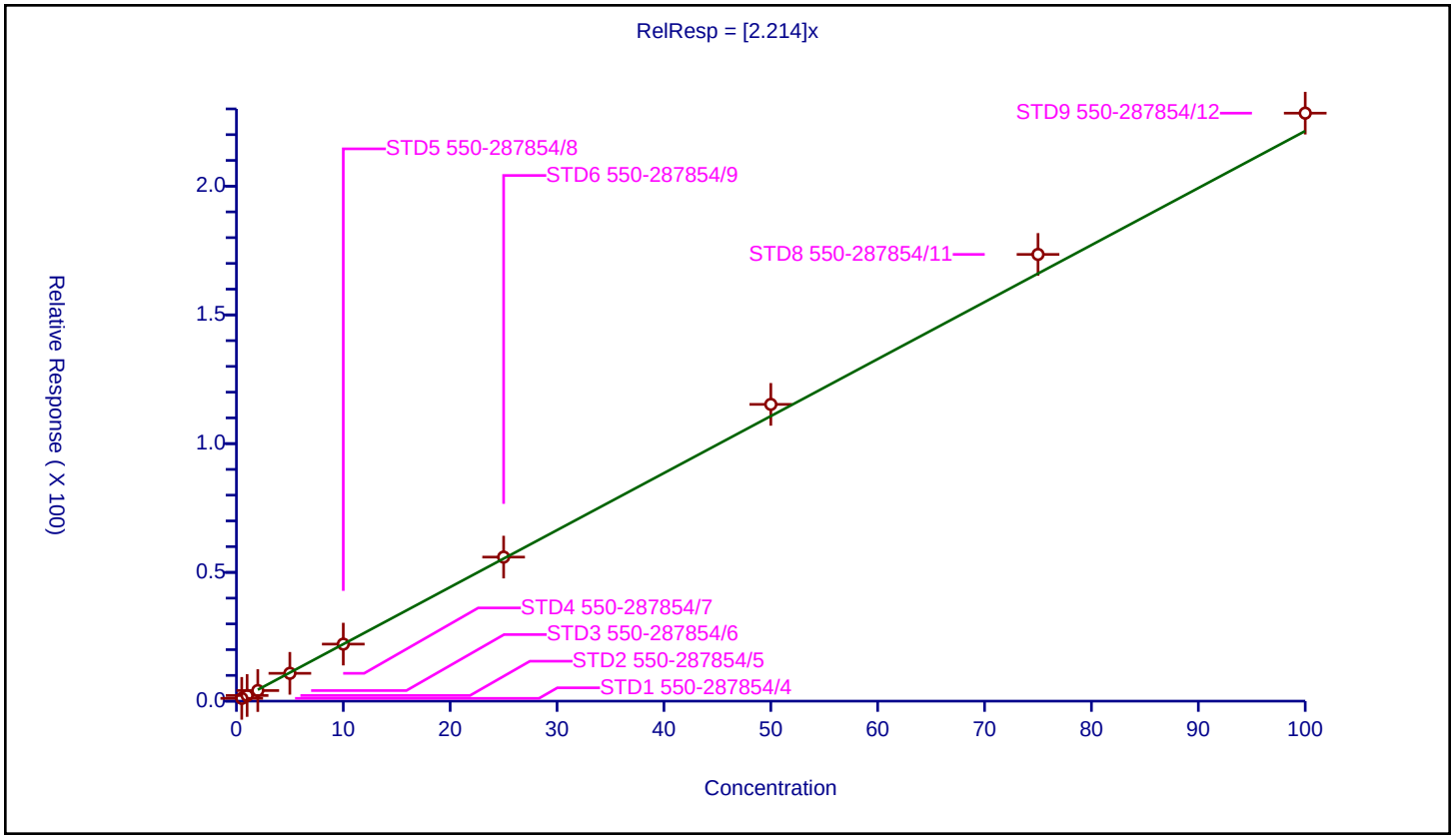
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

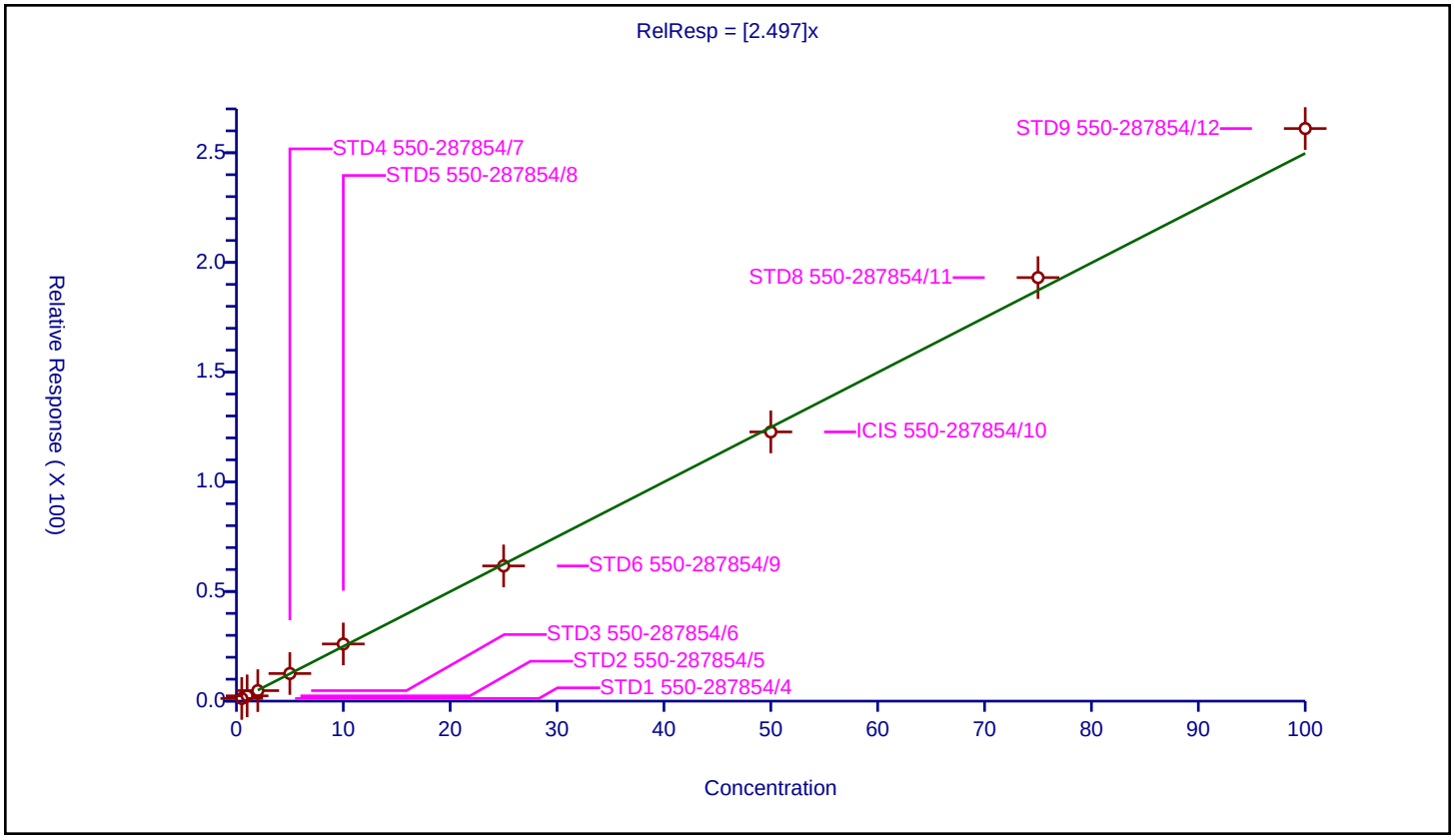
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

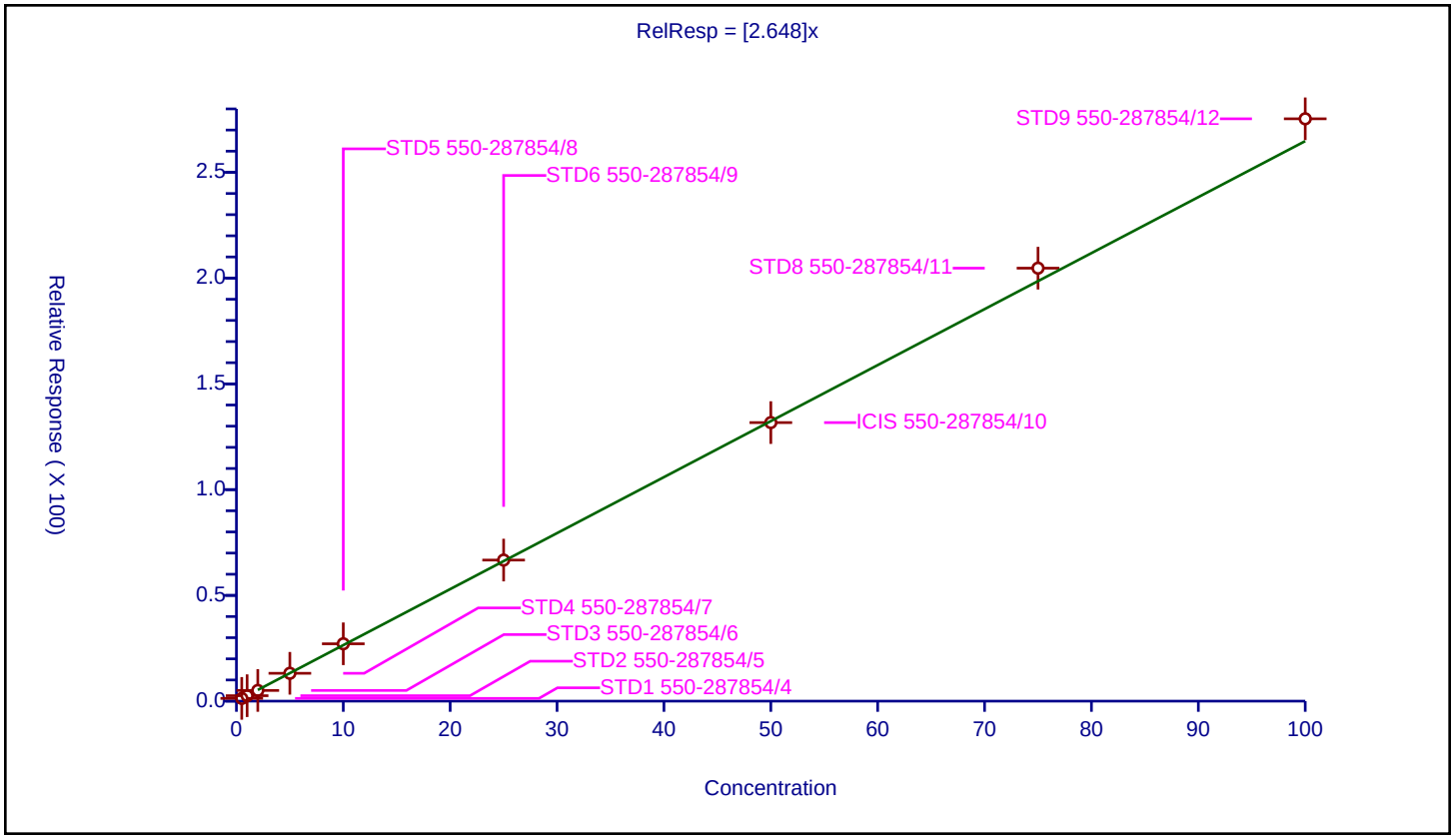
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

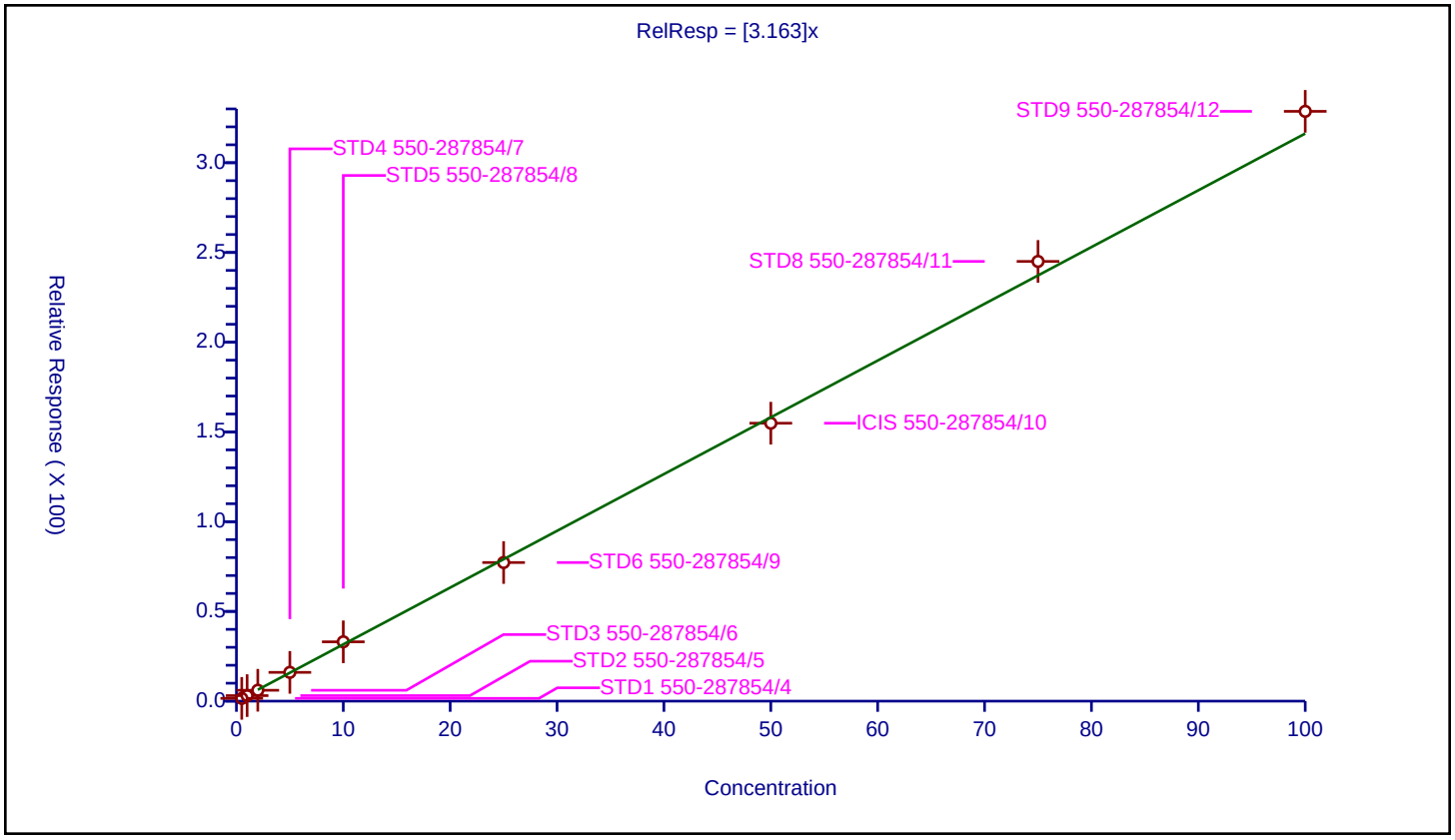
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

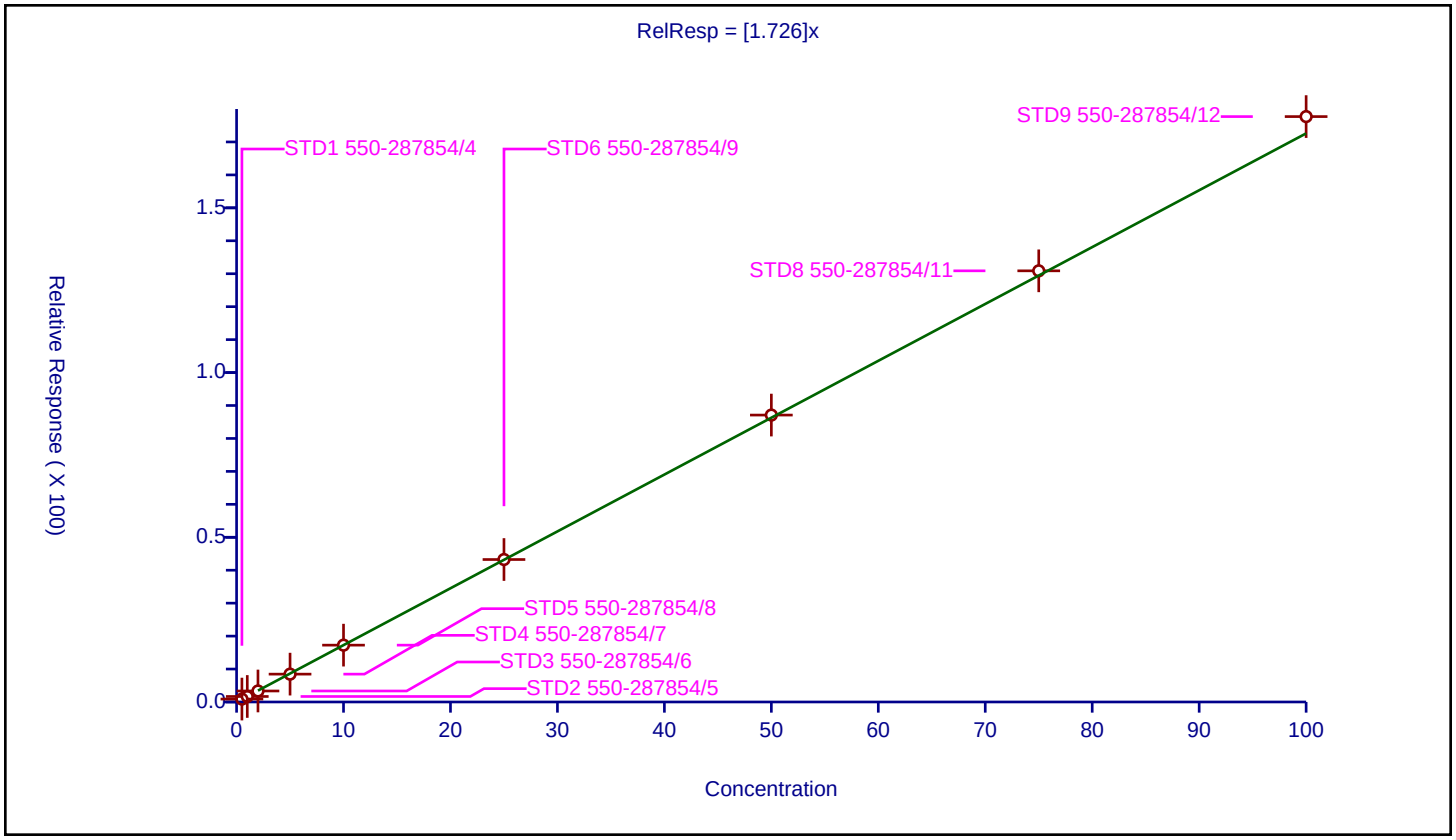
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

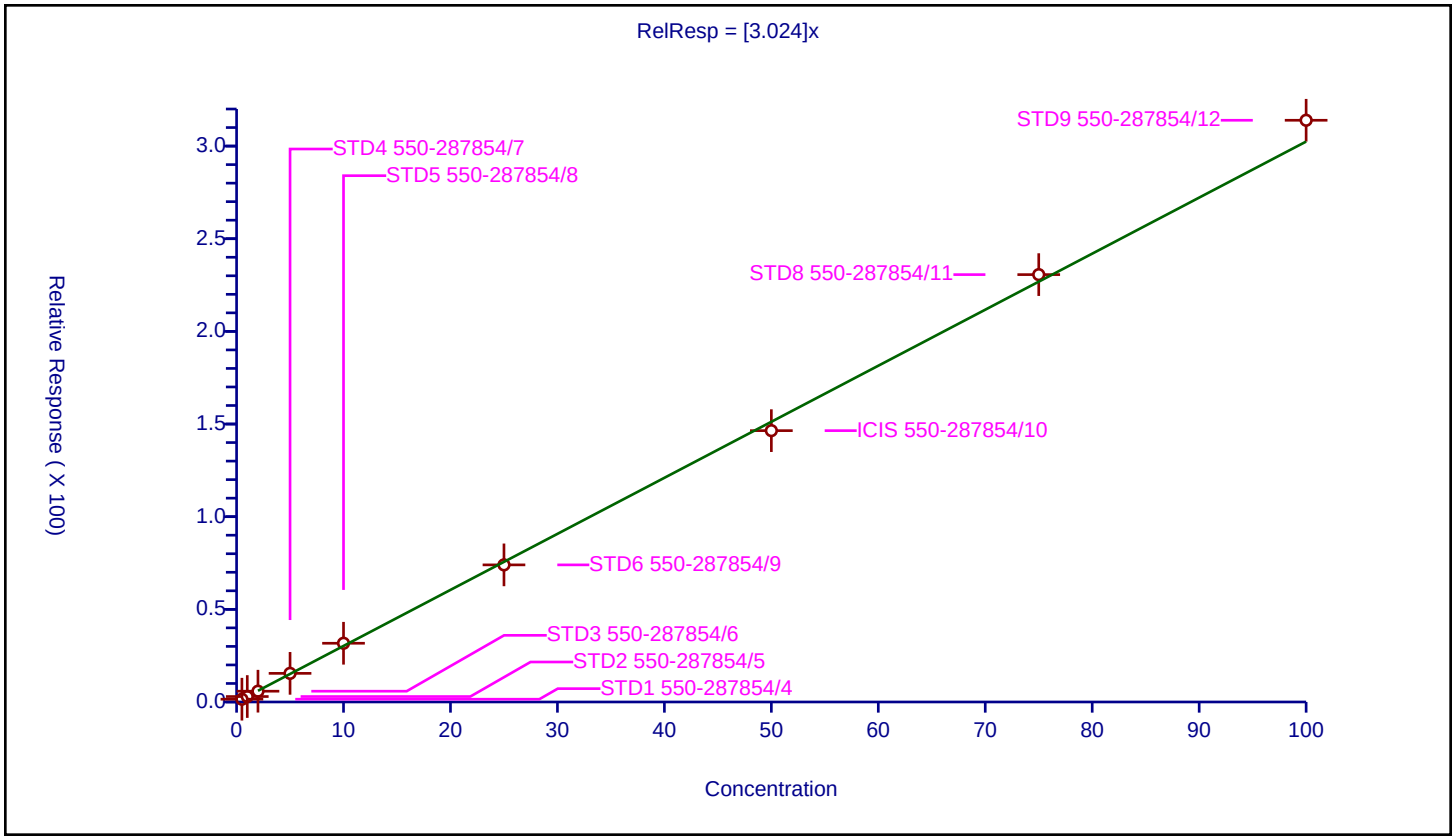
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

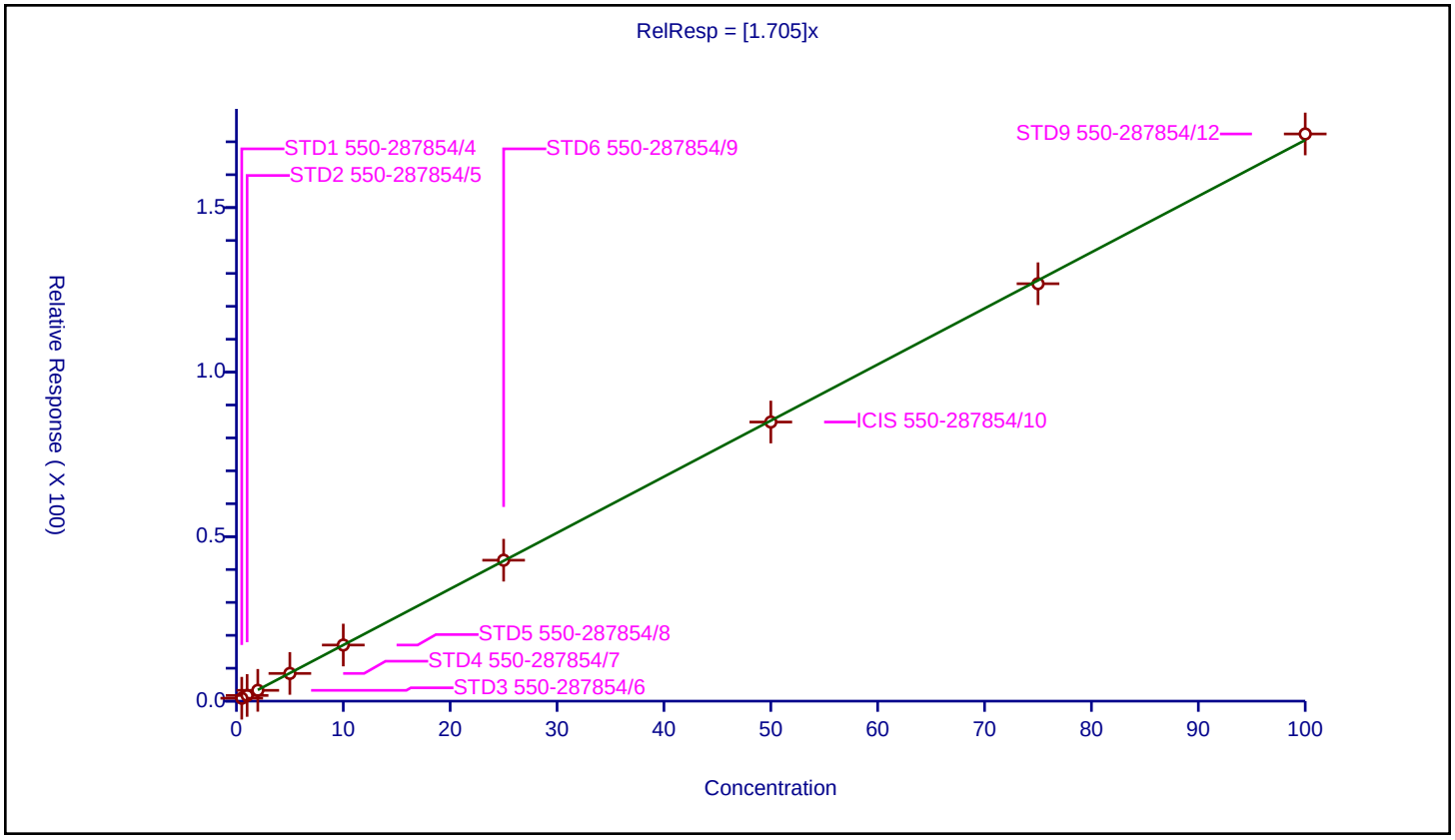
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

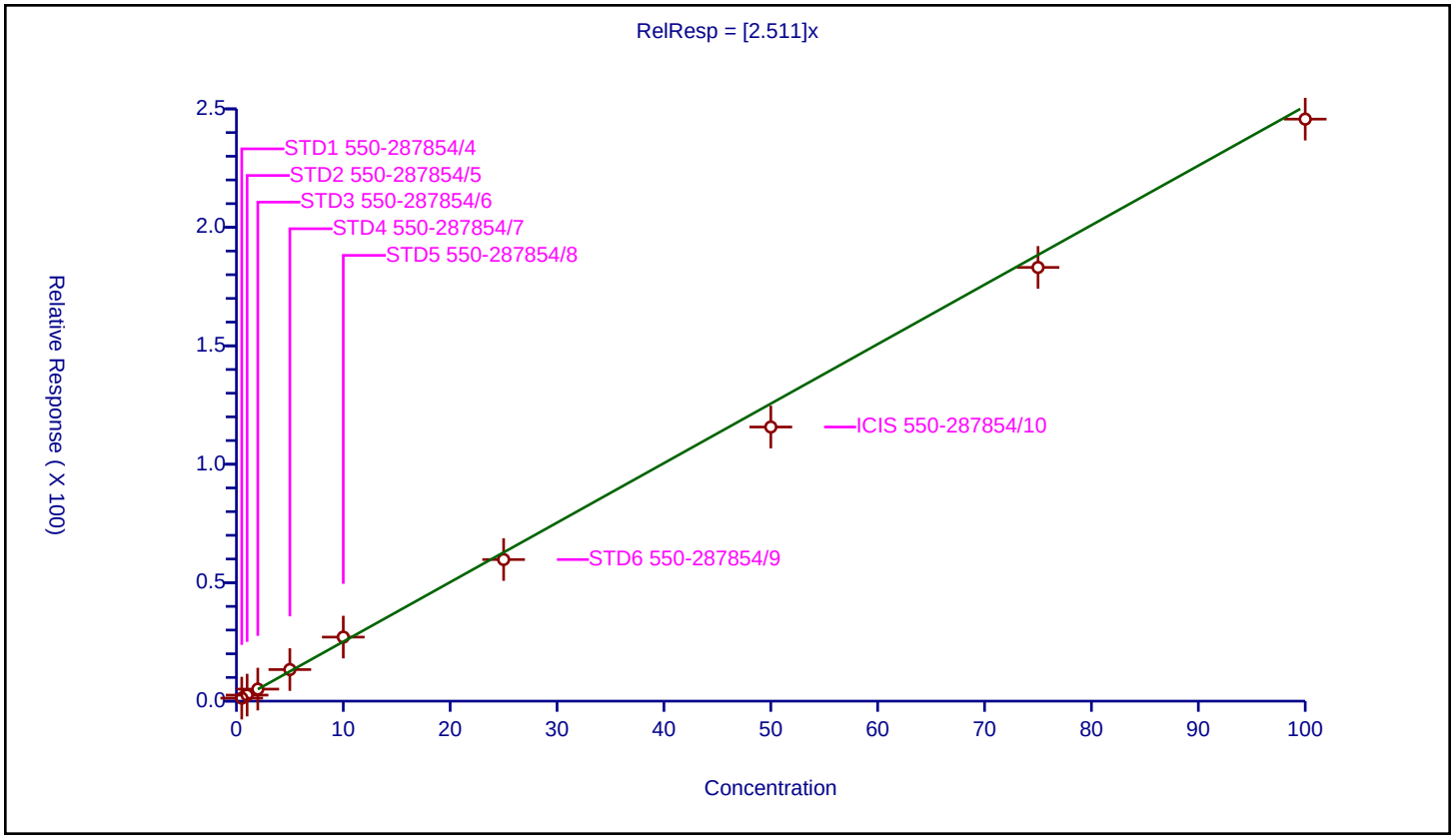
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

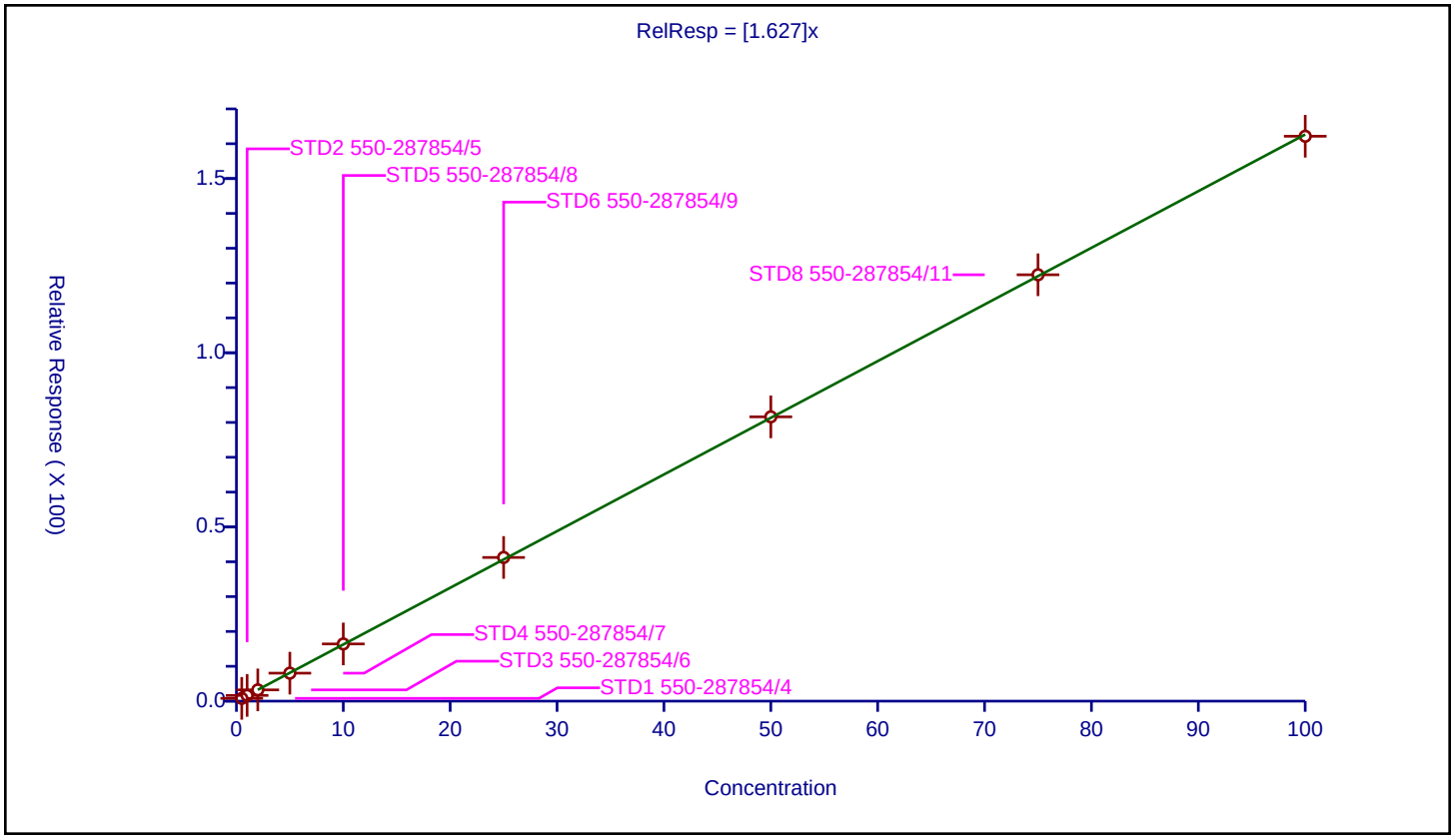
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

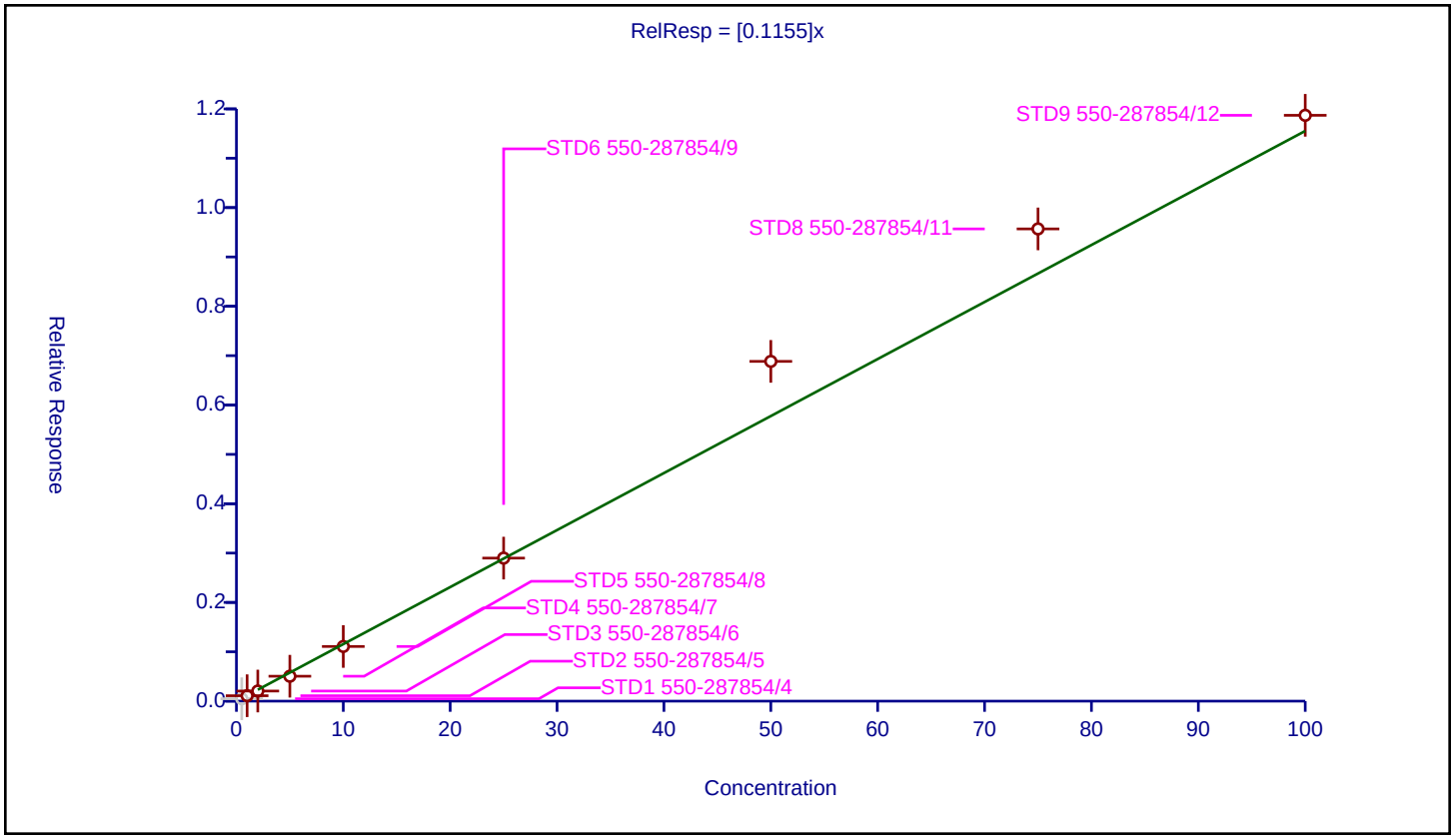
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

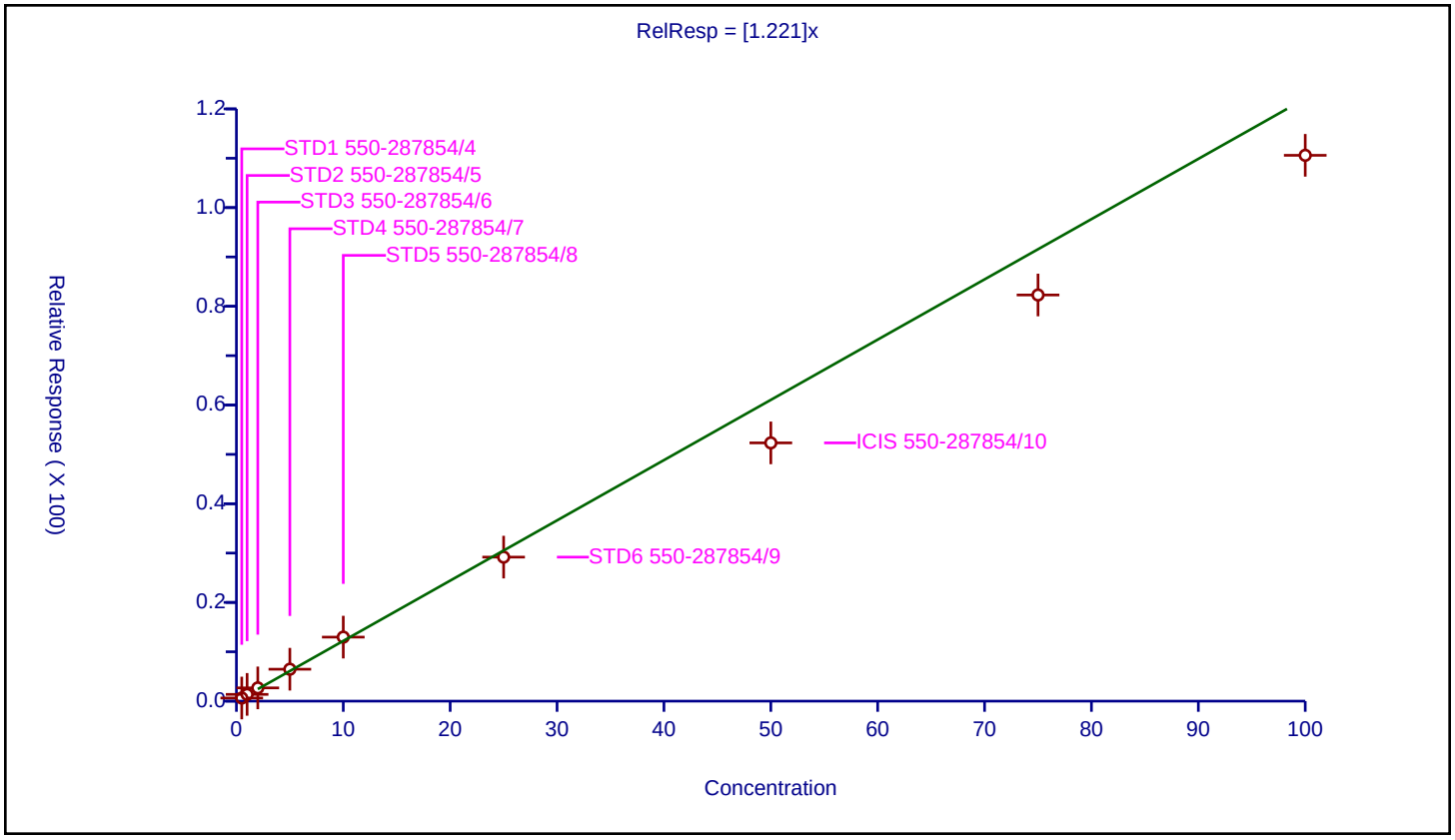
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

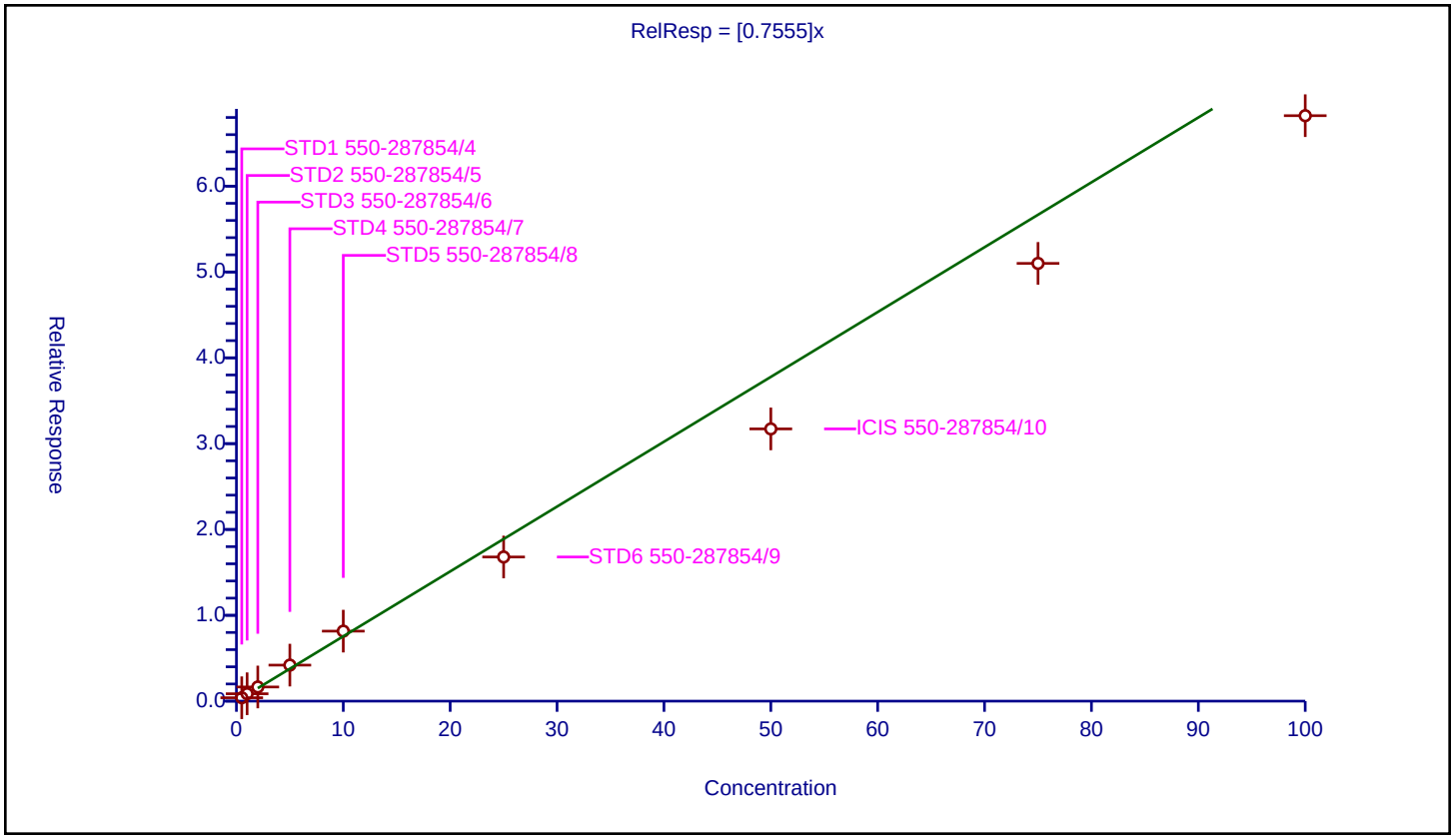
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

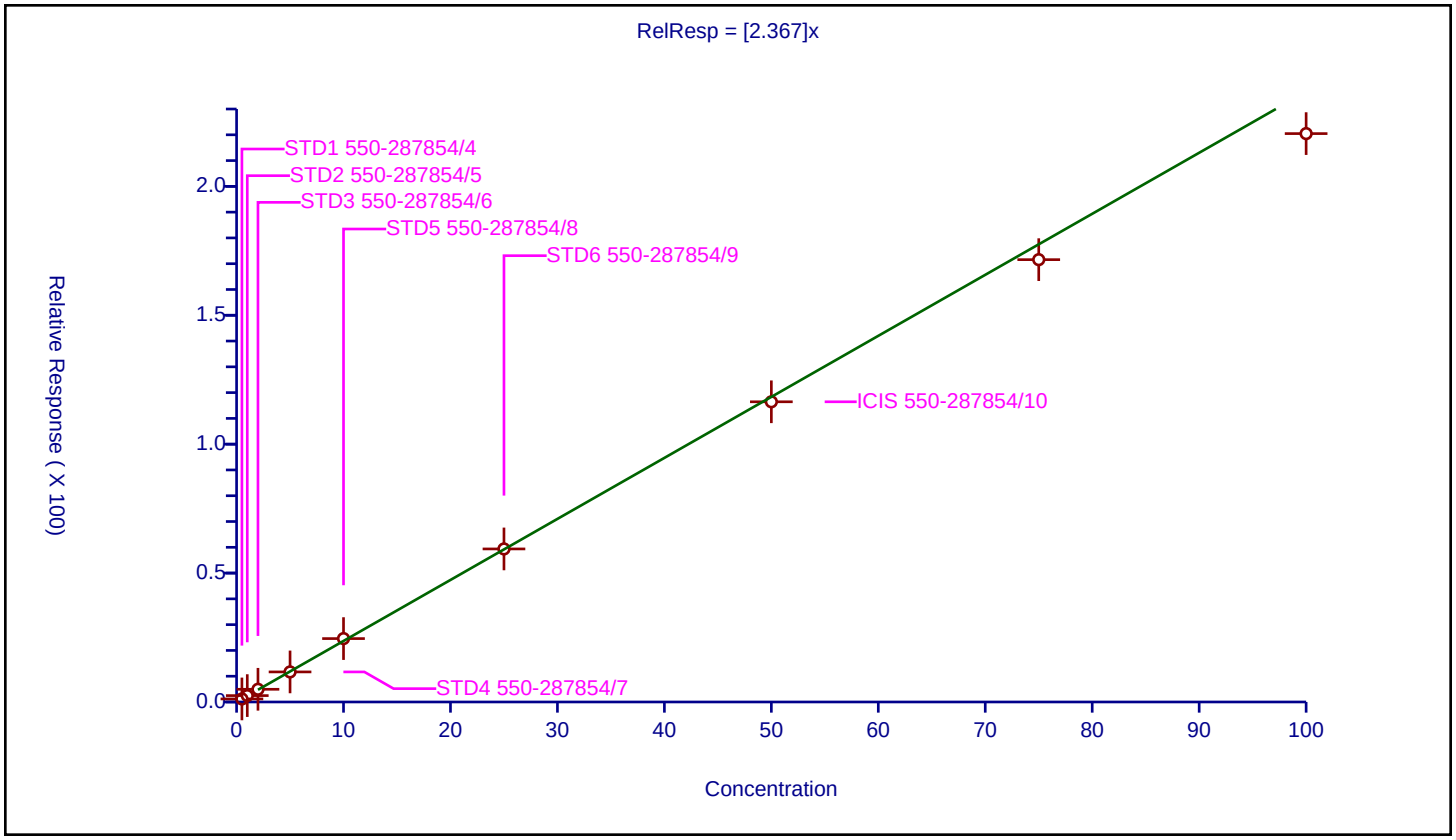
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

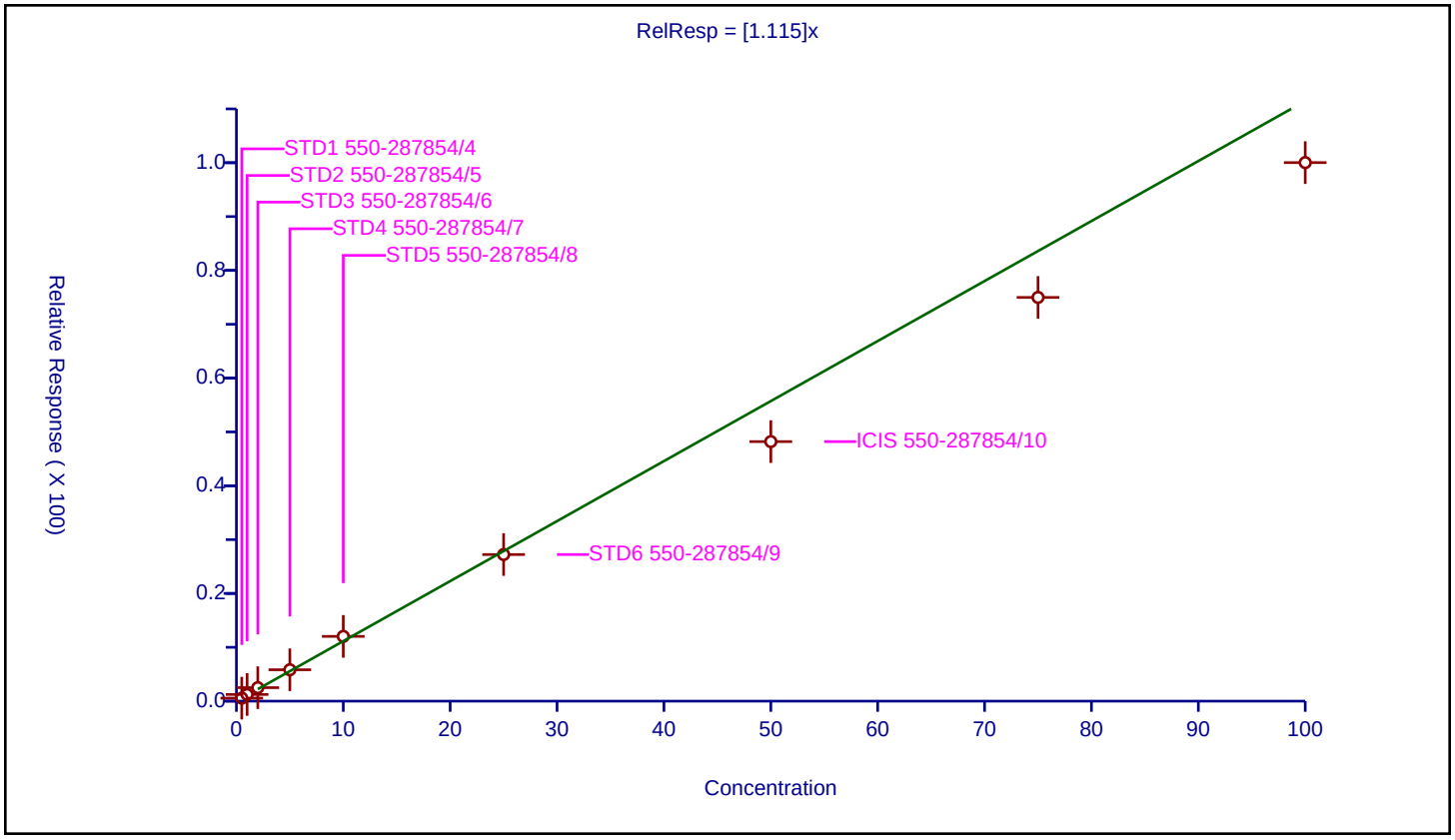
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143*	70-130
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3023		81.2	50.0	162*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5657		55.7	50.0	111	60-140
Chloromethane	Ave	0.4137	0.5160	0.1000	62.4	50.0	125	48-144
Vinyl chloride	Ave	0.3739	0.4408		58.9	50.0	118	80-120
Butadiene	Ave	0.3760	0.4684		62.3	50.0	125	50-141
Bromomethane	Ave	0.2173	0.2382		54.8	50.0	110	40-144
Chloroethane	Ave	0.2134	0.2519		59.0	50.0	118	60-132
Trichlorofluoromethane	Ave	0.5470	0.5677		51.9	50.0	104	68-136
Ethanol	Lin1		0.1062		862	1000	86	36-150
1,1-Dichloroethene	Ave	0.2971	0.3028		50.9	50.0	102	80-120
Freon 113	Ave	0.3046	0.3279		53.8	50.0	108	76-124
Acetone	Lin1		0.0805		45.0	50.0	90	12-150
Iodomethane	Ave	0.5343	0.6739		63.1	50.0	126	40-150
Carbon disulfide	Ave	0.8222	0.9883		60.1	50.0	120	64-136
Methylene Chloride	Lin1		0.2830		48.7	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.295		262	250	105	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6547		50.2	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3214		51.1	50.0	102	76-120
Hexane	Ave	0.3912	0.4498		57.5	50.0	115	56-150
1,1-Dichloroethane	Ave	0.4939	0.5107	0.1000	51.7	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0416		54.4	50.0	109	48-150
Isopropyl ether	Ave	0.7076	0.7547		53.3	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7111		51.7	50.0	103	72-140
2-Butanone (MEK)	Ave	0.0272	0.0280		51.5	50.0	103	44-150
2,2-Dichloropropane	Ave	0.4545	0.4900		53.9	50.0	108	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4192		45.6	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1515		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0340		49.0	50.0	98	64-139
Chloroform	Ave	0.5149	0.4979		48.3	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4985		50.3	50.0	101	72-132
Carbon tetrachloride	Ave	0.6413	0.6032		47.0	50.0	94	72-136
1,1-Dichloropropene	Ave	0.5271	0.5073		48.1	50.0	96	76-128
Benzene	Ave	1.525	1.423		46.7	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3917		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8524		47.2	50.0	94	68-140
Trichloroethene	Ave	0.4237	0.3935		46.4	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3169		46.7	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1917		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4440		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1570		45.7	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5265		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2395		49.2	50.0	98	60-144
Toluene	Ave	0.9499	0.9023		47.5	50.0	95	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4454		48.2	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2521		44.2	50.0	88	72-132
Tetrachloroethene	Ave	0.4284	0.3955		46.2	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4101		44.8	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1724		51.3	50.0	103	52-150
Chlorodibromomethane	Ave	0.3686	0.3320		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2647		45.0	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9907	0.3000	44.7	50.0	89	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3684		44.8	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.661		46.8	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.142		44.9	50.0	90	80-120
o-Xylene	Ave	1.271	1.133		44.6	50.0	89	72-128
Styrene	Ave	2.071	1.828		44.1	50.0	88	84-124
Bromoform	Lin1		0.3883	0.1000	37.5	50.0	75	68-132
Isopropylbenzene	Ave	3.305	3.011		45.5	50.0	91	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5231	0.3000	42.8	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7562		41.9	50.0	84	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0961		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1571		40.4	50.0	81	76-128
N-Propylbenzene	Ave	3.693	3.426		46.4	50.0	93	76-132
2-Chlorotoluene	Ave	2.491	2.296		46.1	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.561		46.2	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.008		45.3	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.310		46.2	50.0	92	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.425		45.8	50.0	92	80-128
sec-Butylbenzene	Ave	3.163	2.985		47.2	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.534		44.4	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.909		48.1	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.491		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.496		49.7	50.0	99	76-132
1,2-Dichlorobenzene	Ave	1.627	1.361		41.8	50.0	84	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.0990		42.9	50.0	86	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.038		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6781		44.9	50.0	90	76-132
Naphthalene	Ave	2.367	1.816		38.4	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8700		39.0	50.0	78	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2646		37.0	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.281		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7315		32.8	40.0	82	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: CCVIS 550-288595/2 Calibration Date: 11/14/2022 19:56

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2908		78.0	50.0	156*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5670		55.8	50.0	112	60-140
Chloromethane	Ave	0.4137	0.4732	0.1000	57.2	50.0	114	48-144
Vinyl chloride	Ave	0.3739	0.4255		56.9	50.0	114	80-120
Butadiene	Ave	0.3760	0.4433		59.0	50.0	118	50-141
Bromomethane	Ave	0.2173	0.2364		54.4	50.0	109	40-144
Chloroethane	Ave	0.2134	0.2331		54.6	50.0	109	60-132
Trichlorofluoromethane	Ave	0.5470	0.5828		53.3	50.0	107	68-136
Ethanol	Lin1		0.1023		830	1000	83	36-150
1,1-Dichloroethene	Ave	0.2971	0.3075		51.7	50.0	103	80-120
Freon 113	Ave	0.3046	0.3344		54.9	50.0	110	76-124
Acetone	Lin1		0.0926		52.0	50.0	104	12-150
Iodomethane	Ave	0.5343	0.5699		53.3	50.0	107	40-150
Carbon disulfide	Ave	0.8222	0.9546		58.1	50.0	116	64-136
Methylene Chloride	Lin1		0.2842		48.9	50.0	98	68-128
2-Methyl-2-propanol	Lin2		1.188		240	250	96	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6608		50.6	50.0	101	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3240		51.5	50.0	103	76-120
Hexane	Ave	0.3912	0.4566		58.4	50.0	117	56-150
1,1-Dichloroethane	Ave	0.4939	0.5129	0.1000	51.9	50.0	104	72-124
Vinyl acetate	Ave	0.0383	0.0354		46.3	50.0	93	48-150
Isopropyl ether	Ave	0.7076	0.7453		52.7	50.0	105	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7169		52.1	50.0	104	72-140
2-Butanone (MEK)	Ave	0.0272	0.0304		55.8	50.0	112	44-150
2,2-Dichloropropane	Ave	0.4545	0.4775		52.5	50.0	105	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4288		46.6	50.0	93	72-128
Chlorobromomethane	Ave	0.1603	0.1541		48.1	50.0	96	72-132
Tetrahydrofuran	Lin1		0.0358		51.7	50.0	103	64-139
Chloroform	Ave	0.5149	0.5078		49.3	50.0	99	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5033		50.8	50.0	102	72-132
Carbon tetrachloride	Ave	0.6413	0.6186		48.2	50.0	96	72-136
1,1-Dichloropropene	Ave	0.5271	0.5216		49.5	50.0	99	76-128
Benzene	Ave	1.525	1.439		47.2	50.0	94	76-120
1,2-Dichloroethane	Ave	0.4516	0.4021		44.5	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8620		47.8	50.0	96	68-140
Trichloroethene	Ave	0.4237	0.4119		48.6	50.0	97	80-120
1,2-Dichloropropane	Ave	0.3390	0.3210		47.3	50.0	95	80-120
Dibromomethane	Ave	0.2171	0.1977		45.5	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4531		46.3	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1597		46.5	50.0	93	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5262		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Lab Sample ID: CCVIS 550-288595/2 Calibration Date: 11/14/2022 19:56

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2521		51.7	50.0	103	60-144
Toluene	Ave	0.9499	0.8973		47.2	50.0	94	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4428		47.9	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2600		45.6	50.0	91	72-132
Tetrachloroethene	Ave	0.4284	0.4094		47.8	50.0	96	76-128
1,3-Dichloropropane	Ave	0.4577	0.4271		46.7	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1877		55.9	50.0	112	52-150
Chlorodibromomethane	Ave	0.3686	0.3422		46.4	50.0	93	80-128
1,2-Dibromoethane	Ave	0.2938	0.2763		47.0	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.005	0.3000	45.3	50.0	91	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3747		45.5	50.0	91	76-124
Ethylbenzene	Ave	1.773	1.691		47.7	50.0	95	80-120
m-Xylene & p-Xylene	Ave	1.271	1.182		46.5	50.0	93	80-120
o-Xylene	Ave	1.271	1.179		46.4	50.0	93	72-128
Styrene	Ave	2.071	1.884		45.5	50.0	91	84-124
Bromoform	Lin1		0.3979	0.1000	38.4	50.0	77	68-132
Isopropylbenzene	Ave	3.305	3.181		48.1	50.0	96	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5505	0.3000	45.1	50.0	90	68-132
Bromobenzene	Ave	0.9030	0.7945		44.0	50.0	88	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1020		39.4	50.0	79	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1738		44.7	50.0	89	76-128
N-Propylbenzene	Ave	3.693	3.495		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.327		46.7	50.0	93	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.510		45.3	50.0	91	80-128
4-Chlorotoluene	Ave	2.214	1.999		45.1	50.0	90	80-124
tert-Butylbenzene	Ave	2.497	2.383		47.7	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.396		45.3	50.0	91	80-128
sec-Butylbenzene	Ave	3.163	3.003		47.5	50.0	95	80-128
1,3-Dichlorobenzene	Ave	1.726	1.550		44.9	50.0	90	80-124
4-Isopropyltoluene	Ave	3.024	2.882		47.6	50.0	95	80-128
1,4-Dichlorobenzene	Ave	1.705	1.521		44.6	50.0	89	76-120
n-Butylbenzene	Ave	2.511	2.439		48.5	50.0	97	76-132
1,2-Dichlorobenzene	Ave	1.627	1.428		43.9	50.0	88	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1126		48.7	50.0	97	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.037		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6674		44.2	50.0	88	76-132
Naphthalene	Ave	2.367	2.071		43.7	50.0	87	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9030		40.5	50.0	81	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2625		36.7	40.0	92	80-120
Toluene-d8 (Surr)	Ave	1.453	1.301		35.8	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7412		33.3	40.0	83	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.52	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288554/6

Matrix: Water Lab File ID: 11142206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288595/6

Matrix: Water | Lab File ID: 11142236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288595/6

Matrix: Water | Lab File ID: 11142236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288595/6

Matrix: Water Lab File ID: 11142236.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.4		2.0	0.49
107-06-2	1,2-Dichloroethane	44.2		2.0	0.53
78-87-5	1,2-Dichloropropane	46.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	45.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.0		10	1.2
67-64-1	Acetone	43.6		20	9.8
71-43-2	Benzene	46.2		2.0	0.52
108-86-1	Bromobenzene	42.4		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	56.7		10	5.2
75-15-0	Carbon disulfide	58.4		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	60.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.4		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	46.0		2.0	0.50
76-13-1	Freon 113	52.4		5.0	0.53
87-68-3	Hexachlorobutadiene	45.8		5.0	1.4
74-88-4	Iodomethane	55.9		2.0	0.53
98-82-8	Isopropylbenzene	46.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.5		5.0	2.2
104-51-8	n-Butylbenzene	48.3		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	47.0		2.0	0.51
135-98-8	sec-Butylbenzene	46.4		5.0	0.48
100-42-5	Styrene	44.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	45.9		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.1		2.0	0.65
79-01-6	Trichloroethene	46.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.3		5.0	0.63
108-05-4	Vinyl acetate	57.6		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288595/3

Matrix: Water | Lab File ID: 11142233.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.6		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.4		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.5		2.0	0.54
75-34-3	1,1-Dichloroethane	52.6		2.0	0.49
75-35-4	1,1-Dichloroethene	52.3		5.0	0.54
563-58-6	1,1-Dichloropropene	49.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	41.3		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.6		10	3.5
120-82-1	1,2,4-Trichlorobenzene	43.0		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.2		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.1		5.0	3.8
106-93-4	1,2-Dibromoethane	46.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.3		2.0	0.49
107-06-2	1,2-Dichloroethane	45.2		2.0	0.53
78-87-5	1,2-Dichloropropane	47.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	45.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	45.1		2.0	0.48
142-28-9	1,3-Dichloropropane	45.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.2		2.0	0.57
78-93-3	2-Butanone (MEK)	54.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	55.0		10	3.3
106-43-4	4-Chlorotoluene	45.5		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.7		10	1.2
67-64-1	Acetone	53.4		20	9.8
71-43-2	Benzene	47.7		2.0	0.52
108-86-1	Bromobenzene	44.8		5.0	0.49
74-97-5	Chlorobromomethane	49.0		5.0	0.48
75-27-4	Dichlorobromomethane	46.7		2.0	0.50
75-25-2	Bromoform	39.8		5.0	0.64
74-83-9	Bromomethane	56.4		10	5.2
75-15-0	Carbon disulfide	59.2		5.0	1.8
56-23-5	Carbon tetrachloride	48.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288595/3

Matrix: Water Lab File ID: 11142233.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.2		2.0	0.48
75-00-3	Chloroethane	57.8		5.0	0.62
67-66-3	Chloroform	50.1		2.0	0.48
74-87-3	Chloromethane	53.3		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.6		2.0	0.46
124-48-1	Chlorodibromomethane	46.0		2.0	0.47
74-95-3	Dibromomethane	45.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.6		5.0	0.84
100-41-4	Ethylbenzene	47.3		2.0	0.50
76-13-1	Freon 113	55.3		5.0	0.53
87-68-3	Hexachlorobutadiene	46.2		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	48.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	47.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	50.1		5.0	4.4
91-20-3	Naphthalene	44.4		5.0	2.2
104-51-8	n-Butylbenzene	49.1		5.0	0.55
103-65-1	N-Propylbenzene	47.8		2.0	0.49
95-47-6	o-Xylene	47.3		5.0	0.47
99-87-6	4-Isopropyltoluene	48.5		2.0	0.51
135-98-8	sec-Butylbenzene	48.8		5.0	0.48
100-42-5	Styrene	46.7		2.0	0.49
98-06-6	tert-Butylbenzene	47.7		5.0	0.45
127-18-4	Tetrachloroethene	47.2		2.0	0.48
108-88-3	Toluene	47.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.6		2.0	0.65
79-01-6	Trichloroethene	47.5		2.0	0.54
75-69-4	Trichlorofluoromethane	53.2		5.0	0.63
108-05-4	Vinyl acetate	49.4		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288595/3

Matrix: Water Lab File ID: 11142233.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288595 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.9		2.0	0.54
75-34-3	1,1-Dichloroethane	51.3		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	40.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.9		2.0	0.49
107-06-2	1,2-Dichloroethane	44.8		2.0	0.53
78-87-5	1,2-Dichloropropane	46.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	53.9		2.0	0.57
78-93-3	2-Butanone (MEK)	59.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.1		10	3.3
106-43-4	4-Chlorotoluene	45.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.9		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.0		5.0	0.49
74-97-5	Chlorobromomethane	48.7		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	56.3		10	5.2
75-15-0	Carbon disulfide	58.6		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.7		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	49.0		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	43.8		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.6		5.0	2.2
104-51-8	n-Butylbenzene	48.5		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	44.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.4		2.0	0.51
135-98-8	sec-Butylbenzene	46.1		5.0	0.48
100-42-5	Styrene	44.2		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	46.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.0		2.0	0.65
79-01-6	Trichloroethene	45.9		2.0	0.54
75-69-4	Trichlorofluoromethane	51.0		5.0	0.63
108-05-4	Vinyl acetate	57.8		25	4.1
75-01-4	Vinyl chloride	57.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288554/4

Matrix: Water Lab File ID: 11142204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	52.5		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.5		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.5		2.0	0.54
75-34-3	1,1-Dichloroethane	52.3		2.0	0.49
75-35-4	1,1-Dichloroethene	52.9		5.0	0.54
563-58-6	1,1-Dichloropropene	50.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	43.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	48.8		5.0	3.8
106-93-4	1,2-Dibromoethane	46.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.2		2.0	0.49
107-06-2	1,2-Dichloroethane	44.4		2.0	0.53
78-87-5	1,2-Dichloropropane	47.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.6		2.0	0.48
142-28-9	1,3-Dichloropropane	46.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.1		2.0	0.51
594-20-7	2,2-Dichloropropane	53.2		2.0	0.57
78-93-3	2-Butanone (MEK)	57.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	54.7		10	3.3
106-43-4	4-Chlorotoluene	45.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.8		10	1.2
67-64-1	Acetone	51.4		20	9.8
71-43-2	Benzene	47.2		2.0	0.52
108-86-1	Bromobenzene	43.3		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.0		5.0	0.64
74-83-9	Bromomethane	54.8		10	5.2
75-15-0	Carbon disulfide	60.0		5.0	1.8
56-23-5	Carbon tetrachloride	49.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.6		2.0	0.48
75-00-3	Chloroethane	56.0		5.0	0.62
67-66-3	Chloroform	49.6		2.0	0.48
74-87-3	Chloromethane	51.1		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	46.0		2.0	0.46
124-48-1	Chlorodibromomethane	45.0		2.0	0.47
74-95-3	Dibromomethane	45.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.7		5.0	0.84
100-41-4	Ethylbenzene	48.3		2.0	0.50
76-13-1	Freon 113	57.0		5.0	0.53
87-68-3	Hexachlorobutadiene	50.8		5.0	1.4
74-88-4	Iodomethane	53.4		2.0	0.53
98-82-8	Isopropylbenzene	49.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	47.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	50.9		1.0	0.52
75-09-2	Methylene Chloride	49.3		5.0	4.4
91-20-3	Naphthalene	45.5		5.0	2.2
104-51-8	n-Butylbenzene	52.4		5.0	0.55
103-65-1	N-Propylbenzene	48.7		2.0	0.49
95-47-6	o-Xylene	46.7		5.0	0.47
99-87-6	4-Isopropyltoluene	51.0		2.0	0.51
135-98-8	sec-Butylbenzene	51.4		5.0	0.48
100-42-5	Styrene	45.6		2.0	0.49
98-06-6	tert-Butylbenzene	50.7		5.0	0.45
127-18-4	Tetrachloroethene	48.3		2.0	0.48
108-88-3	Toluene	47.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	46.7		2.0	0.65
79-01-6	Trichloroethene	48.7		2.0	0.54
75-69-4	Trichlorofluoromethane	54.5		5.0	0.63
108-05-4	Vinyl acetate	48.8		25	4.1
75-01-4	Vinyl chloride	58.7		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288595/4

Matrix: Water | Lab File ID: 11142234.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288595 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MS | Lab Sample ID: 550-193180-1 MS

Matrix: Water | Lab File ID: 11142210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	45.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.1		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.5		2.0	0.54
75-34-3	1,1-Dichloroethane	51.4		2.0	0.49
75-35-4	1,1-Dichloroethene	48.9		5.0	0.54
563-58-6	1,1-Dichloropropene	44.9		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	35.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	41.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	39.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	44.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	40.7		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.6		2.0	0.49
107-06-2	1,2-Dichloroethane	44.3		2.0	0.53
78-87-5	1,2-Dichloropropane	46.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.5		2.0	0.48
142-28-9	1,3-Dichloropropane	45.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.3		2.0	0.51
594-20-7	2,2-Dichloropropane	52.1		2.0	0.57
78-93-3	2-Butanone (MEK)	51.4		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	49.8		10	3.3
106-43-4	4-Chlorotoluene	45.0		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	48.2		10	1.2
67-64-1	Acetone	40.4		20	9.8
71-43-2	Benzene	45.2		2.0	0.52
108-86-1	Bromobenzene	44.0		5.0	0.49
74-97-5	Chlorobromomethane	49.9		5.0	0.48
75-27-4	Dichlorobromomethane	46.1		2.0	0.50
75-25-2	Bromoform	39.4		5.0	0.64
74-83-9	Bromomethane	54.5		10	5.2
75-15-0	Carbon disulfide	56.1		5.0	1.8
56-23-5	Carbon tetrachloride	44.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MS | Lab Sample ID: 550-193180-1 MS

Matrix: Water | Lab File ID: 11142210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.1		2.0	0.48
75-00-3	Chloroethane	55.0		5.0	0.62
67-66-3	Chloroform	49.6		2.0	0.48
74-87-3	Chloromethane	55.7		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.1		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.6		2.0	0.46
124-48-1	Chlorodibromomethane	46.6		2.0	0.47
74-95-3	Dibromomethane	45.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	51.3		5.0	0.84
100-41-4	Ethylbenzene	45.7		2.0	0.50
76-13-1	Freon 113	50.3		5.0	0.53
87-68-3	Hexachlorobutadiene	37.8		5.0	1.4
74-88-4	Iodomethane	55.4		2.0	0.53
98-82-8	Isopropylbenzene	44.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	44.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	52.7		1.0	0.52
75-09-2	Methylene Chloride	49.4		5.0	4.4
91-20-3	Naphthalene	35.7		5.0	2.2
104-51-8	n-Butylbenzene	44.7		5.0	0.55
103-65-1	N-Propylbenzene	44.2		2.0	0.49
95-47-6	o-Xylene	44.9		5.0	0.47
99-87-6	4-Isopropyltoluene	44.7		2.0	0.51
135-98-8	sec-Butylbenzene	43.4		5.0	0.48
100-42-5	Styrene	45.3		2.0	0.49
98-06-6	tert-Butylbenzene	43.9		5.0	0.45
127-18-4	Tetrachloroethene	44.3		2.0	0.48
108-88-3	Toluene	45.7		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	49.9		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.3		2.0	0.65
79-01-6	Trichloroethene	44.9		2.0	0.54
75-69-4	Trichlorofluoromethane	49.3		5.0	0.63
108-05-4	Vinyl acetate	57.9		25	4.1
75-01-4	Vinyl chloride	52.9		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MS | Lab Sample ID: 550-193180-1 MS

Matrix: Water | Lab File ID: 11142210.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MSD | Lab Sample ID: 550-193180-1 MSD

Matrix: Water | Lab File ID: 11142211.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	46.0		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.4		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.1		2.0	0.54
75-34-3	1,1-Dichloroethane	52.1		2.0	0.49
75-35-4	1,1-Dichloroethene	49.9		5.0	0.54
563-58-6	1,1-Dichloropropene	46.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	36.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	40.2		10	3.5
120-82-1	1,2,4-Trichlorobenzene	39.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	44.5		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	39.7		5.0	3.8
106-93-4	1,2-Dibromoethane	45.5		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.1		2.0	0.49
107-06-2	1,2-Dichloroethane	44.5		2.0	0.53
78-87-5	1,2-Dichloropropane	47.4		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	42.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.5		2.0	0.48
142-28-9	1,3-Dichloropropane	45.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.8		2.0	0.51
594-20-7	2,2-Dichloropropane	52.9		2.0	0.57
78-93-3	2-Butanone (MEK)	45.9		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	46.4		10	3.3
106-43-4	4-Chlorotoluene	44.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	45.4		10	1.2
67-64-1	Acetone	38.1		20	9.8
71-43-2	Benzene	46.3		2.0	0.52
108-86-1	Bromobenzene	44.2		5.0	0.49
74-97-5	Chlorobromomethane	49.7		5.0	0.48
75-27-4	Dichlorobromomethane	46.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	54.4		10	5.2
75-15-0	Carbon disulfide	56.9		5.0	1.8
56-23-5	Carbon tetrachloride	45.0		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MSD | Lab Sample ID: 550-193180-1 MSD

Matrix: Water | Lab File ID: 11142211.D

Analysis Method: 8260B | Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	45.2		2.0	0.48
75-00-3	Chloroethane	53.8		5.0	0.62
67-66-3	Chloroform	50.0		2.0	0.48
74-87-3	Chloromethane	57.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.1		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	48.7		2.0	0.46
124-48-1	Chlorodibromomethane	46.7		2.0	0.47
74-95-3	Dibromomethane	45.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.5		5.0	0.84
100-41-4	Ethylbenzene	46.3		2.0	0.50
76-13-1	Freon 113	52.0		5.0	0.53
87-68-3	Hexachlorobutadiene	38.8		5.0	1.4
74-88-4	Iodomethane	54.5		2.0	0.53
98-82-8	Isopropylbenzene	44.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.5		1.0	0.52
75-09-2	Methylene Chloride	50.2		5.0	4.4
91-20-3	Naphthalene	36.1		5.0	2.2
104-51-8	n-Butylbenzene	44.0		5.0	0.55
103-65-1	N-Propylbenzene	44.1		2.0	0.49
95-47-6	o-Xylene	45.0		5.0	0.47
99-87-6	4-Isopropyltoluene	43.5		2.0	0.51
135-98-8	sec-Butylbenzene	43.1		5.0	0.48
100-42-5	Styrene	45.3		2.0	0.49
98-06-6	tert-Butylbenzene	42.3		5.0	0.45
127-18-4	Tetrachloroethene	45.2		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.9		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.7		2.0	0.65
79-01-6	Trichloroethene	45.7		2.0	0.54
75-69-4	Trichlorofluoromethane	49.6		5.0	0.63
108-05-4	Vinyl acetate	56.3		25	4.1
75-01-4	Vinyl chloride	54.3		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Client Sample ID: R-04_I2_11-2022 MSD Lab Sample ID: 550-193180-1 MSD

Matrix: Water Lab File ID: 11142211.D

Analysis Method: 8260B Date Collected: 11/02/2022 14:15

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 12:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 08:37

Analysis Batch Number: 288554 End Date: 11/14/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288554/1		11/14/2022 08:37	1	11142201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288554/2		11/14/2022 09:28	1	11142202.D	Rxi-624Sil 0.25(mm)
LCS 550-288554/3		11/14/2022 09:49	1	11142203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288554/4		11/14/2022 10:10	1	11142204.D	Rxi-624Sil 0.25(mm)
MB 550-288554/6		11/14/2022 10:52	1	11142206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:13	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:34	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:55	1		Rxi-624Sil 0.25(mm)
550-193180-1 MS	R-04_I2_11-2022 MS	11/14/2022 12:16	1	11142210.D	Rxi-624Sil 0.25(mm)
550-193180-1 MSD	R-04_I2_11-2022 MSD	11/14/2022 12:37	1	11142211.D	Rxi-624Sil 0.25(mm)
550-193180-1	R-04_I2_11-2022	11/14/2022 12:57	1	11142212.D	Rxi-624Sil 0.25(mm)
550-193180-4	TB-02_11-2022	11/14/2022 13:39	1	11142214.D	Rxi-624Sil 0.25(mm)
550-193180-9	R-33_I2_11-2022	11/14/2022 14:00	1	11142215.D	Rxi-624Sil 0.25(mm)
550-193180-10	R-33_I1_11-2022	11/14/2022 14:21	1	11142216.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:45	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:06	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:30	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 19:15

Analysis Batch Number: 288595 End Date: 11/15/2022 04:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288595/1		11/14/2022 19:15	1	11142230.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288595/2		11/14/2022 19:56	1	11142232.D	Rxi-624Sil 0.25(mm)
LCS 550-288595/3		11/14/2022 20:18	1	11142233.D	Rxi-624Sil 0.25(mm)
LCSD 550-288595/4		11/14/2022 20:39	1	11142234.D	Rxi-624Sil 0.25(mm)
MB 550-288595/6		11/14/2022 21:20	1	11142236.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 21:41	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 22:02	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 22:23	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 22:44	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 23:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 23:26	1		Rxi-624Sil 0.25(mm)
550-193180-2	R-25_11-2022	11/14/2022 23:47	1	11142243.D	Rxi-624Sil 0.25(mm)
550-193180-3	R-908_I2_11-2022	11/15/2022 00:08	1	11142244.D	Rxi-624Sil 0.25(mm)
550-193180-5	SMW-7D_11-2022	11/15/2022 00:29	1	11142245.D	Rxi-624Sil 0.25(mm)
550-193180-6	EWMW-1_11-2022	11/15/2022 00:50	1	11142246.D	Rxi-624Sil 0.25(mm)
550-193180-7	EX-13_11-2022	11/15/2022 01:11	1	11142247.D	Rxi-624Sil 0.25(mm)
550-193180-8	SMW-5D_11-2022	11/15/2022 01:32	1	11142248.D	Rxi-624Sil 0.25(mm)
550-193180-11	SMW-4D_11-2022	11/15/2022 01:53	1	11142249.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:14	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:35	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 02:56	1		Rxi-624Sil 0.25(mm)
550-193180-13	EB-02_11-2022	11/15/2022 03:17	1	11142253.D	Rxi-624Sil 0.25(mm)
550-193180-12	R-24_11-2022	11/15/2022 03:38	1	11142254.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 03:59	20000		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 04:20	20000		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288554/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288554/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288554/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288554/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288554/6		8260B		10 mL	10 mL				
550-193180-A-1 MS	R-04_I2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193180-A-1 MSD	R-04_I2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193180-A-1	R-04_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193180-A-4	TB-02_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193180-A-9	R-33_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193180-A-10	R-33_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288554/1		8260B							
CCVIS 550-288554/2		8260B			5 uL				
LCS 550-288554/3		8260B			5 uL				
LCSD 550-288554/4		8260B			5 uL				
MB 550-288554/6		8260B		5 uL					
550-193180-A-1 MS	R-04_I2_11-2022	8260B	T		5 uL				
550-193180-A-1 MSD	R-04_I2_11-2022	8260B	T		5 uL				
550-193180-A-1	R-04_I2_11-2022	8260B	T	5 uL					
550-193180-A-4	TB-02_11-2022	8260B	T	5 uL					
550-193180-A-9	R-33_I2_11-2022	8260B	T	5 uL					
550-193180-A-10	R-33_I1_11-2022	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 288595 Batch Start Date: 11/14/22 19:15 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222	MV_IS/SRE 00165
BFB 550-288595/1		8260B		2 uL	10 mL		2 uL		
CCVIS 550-288595/2		8260B		10 mL	10 mL	10 uL		10 uL	
LCS 550-288595/3		8260B		10 mL	10 mL	10 uL		10 uL	
LCSD 550-288595/4		8260B		10 mL	10 mL	10 uL		10 uL	
MB 550-288595/6		8260B		10 mL	10 mL				5 uL
550-193180-A-2	R-25_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-3	R-908_I2_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-5	SMW-7D_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-6	EWMW-1_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-7	EX-13_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-8	SMW-5D_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-11	SMW-4D_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-13	EB-02_11-2022	8260B	T	10 mL	10 mL				5 uL
550-193180-A-12	R-24_11-2022	8260B	T	10 mL	10 mL				5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_ISRE 00322					
BFB 550-288595/1		8260B							
CCVIS 550-288595/2		8260B		5 uL					
LCS 550-288595/3		8260B		5 uL					
LCSD 550-288595/4		8260B		5 uL					
MB 550-288595/6		8260B							
550-193180-A-2	R-25_11-2022	8260B	T						
550-193180-A-3	R-908_I2_11-2022	8260B	T						
550-193180-A-5	SMW-7D_11-2022	8260B	T						
550-193180-A-6	EWMW-1_11-2022	8260B	T						
550-193180-A-7	EX-13_11-2022	8260B	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193180-1

SDG No.:

Batch Number: 288595 Batch Start Date: 11/14/22 19:15 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_ISRE 00322					
550-193180-A-8	SMW-5D_11-2022	8260B	T						
550-193180-A-11	SMW-4D_11-2022	8260B	T						
550-193180-A-13	EB-02_11-2022	8260B	T						
550-193180-A-12	R-24_11-2022	8260B	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571692

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193180

TAL-8210

Address: 4625 E Cotton Center BLVD
Suite 189
Phoenix AZ 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Anthony McGlown	Site Contact:	Date: 11-3-2022	COC No:
Company Name: NMED	Tel/Email:	Lab Contact:	Carrier: Fed Ex	1 of 2 COCs
Address: 1190 St. Francis Dr.	**Analysis Turnaround Time**			Sampler:
City/State/Zip: Santa Fe, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
Phone: 505-660-8121	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

550-193180 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs 8260B	Sample Specific Notes:
R-04_I2_11-2022	11-2-22	14:15	G	W	3	N	N	X	-1
R-25_11-2022	11-3	13:57	G						-2
R-908_I2_11-2022	11-3	10:40							-3
TB-02_11-2022	11-2	15:55							-4
SMW-7D_11-2022	11-3	10:05							-5
EWMW-1_11-2022	11-3	09:54							-6
EX-13_11-2022	11-3	13:45							-7
SMW-5D_11-2022	11-3	10:45							-8
R-33_I2_11-2022	11-2	14:55							-9
R-33_I1_11-2022	11-2	14:45							-10
SMW-4D_11-2022	11-3	11:00							-11
R-24_I1_2022	11-3	14:30							-12

Preservation Used: (1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/3 16:45			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				EETA-PHX	11/4/22 10:15

1.1°C - FE - ice

Chain of Custody Record

571694

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193180

TAL-8210

Address: 4625 E Cotton Center Blvd Ste 189 Phoenix AZ 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: A. McGlamery	Site Contact:	Date: 11/3/22	COC No:
Company Name: NMED	Tel/Email:	Lab Contact:	Carrier: FedEx	2 of 2 COCs
Address: 1190 St. Francis Dr.	Analysis Turnaround Time			Sampler:
City/State/Zip: 505-660-8121	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: WRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B													Sample Specific Notes:
EB-02_11-2022	11/3	16:08	G	W	3	N	N	X													-13

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

FED EX 1.1°C IR

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/3 16:45			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				EETA-PHX	11/4/22 1015

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193180-1

Login Number: 193180
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:04 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193293-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

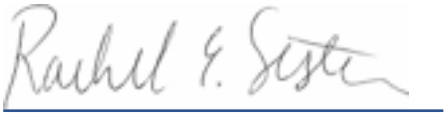
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



Generated
12/1/2022 9:04 AM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193293-1

Revision
This report was revised on 11/30/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 5:48 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/8/2022 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4º C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): EB-04_11-2022 (550-193293-1). The container labels list EB-03_11-2022, while the COC lists EB-04_11-2022. The client was contacted, and the lab was instructed to log the sample in as EB-04_11-2022.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288554 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB-04_11-2022 (550-193293-11) and (CCVIS 550-288554/2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288554 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

TB-04_11-2022 (550-193293-11) and (CCVIS 550-288554/2)

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 550-288639 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCVIS were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) for analytical batch 550-288639 recovered outside control limits for the following analyte: Vinyl chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288639 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.
R-34_D2_11-2022 (550-193293-2), R-934_D2_11-2022 (550-193293-3), R-23_11-2022 (550-193293-4), R-34_I1_11-2022 (550-193293-5) and (CCVIS 550-288639/2)

Method 8260B: The laboratory control sample duplicate (LCSD) for 550-288833 recovered outside control limits for the following analytes: Bromomethane and Vinyl chloride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 550-288833 were outside control limits for 2-Butanone (MEK) and Trichloroethene. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: The laboratory control sample duplicate (LCSD) associated with analytical batch 550-288833 was outside acceptance criteria for high: Vinyl chloride . The continuing calibration verification (CCVIS) and the laboratory control sample (LCS) in the batch were within acceptance limits and may be used to evaluate matrix performance. The sample will be flagged with L3 qualifier.

Method 8260B: The surrogate recovered outside project specific limits, high in the continuing calibration verification (CCV). The samples recovery for surrogates is within historical limits; therefore data have been reported.

(CCVIS 550-288949/3)

Method 8260B: Reanalysis of the following sample was performed outside of the analytical holding time due to cis-1,2-Dichloroethene requiring a dilution: SMW-93D_11-2022 (550-193293-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Client Sample ID: EB-04_11-2022 — Lab Sample ID: 550-193293-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorobromomethane	1.1	J	2.0	0.50	ug/L	1		8260B	Total/NA
Chloroform	4.3		2.0	0.48	ug/L	1		8260B	Total/NA
Chlorodibromomethane	0.65	J	2.0	0.47	ug/L	1		8260B	Total/NA

Client Sample ID: R-34_D2_11-2022 — Lab Sample ID: 550-193293-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	20		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	6.8		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-934_D2_11-2022 — Lab Sample ID: 550-193293-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	9.9		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	3.0		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-23_11-2022 — Lab Sample ID: 550-193293-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.96	J	2.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: R-34_I1_11-2022 — Lab Sample ID: 550-193293-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	0.59	J	2.0	0.53	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	10		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.1		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.3		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	9.9		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-93D_11-2022 — Lab Sample ID: 550-193293-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.49	J	2.0	0.49	ug/L	1		8260B	Total/NA
Acetone	20	B	20	9.8	ug/L	1		8260B	Total/NA
Benzene	0.95	J	2.0	0.52	ug/L	1		8260B	Total/NA
Chloroethane	16		5.0	0.62	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1400	E	2.0	0.62	ug/L	1		8260B	Total/NA
Naphthalene	3.1	J	5.0	2.2	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.62	J	2.0	0.48	ug/L	1		8260B	Total/NA
Toluene	2.1		2.0	0.49	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	80		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	69		2.0	0.54	ug/L	1		8260B	Total/NA
Vinyl chloride - DL	1400	D	100	16	ug/L	20		8260B	Total/NA

Client Sample ID: R-34_I2_11-2022 — Lab Sample ID: 550-193293-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	56		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.60	J	2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	17		2.0	0.54	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Client Sample ID: SMW-3D_11-2022 — Lab Sample ID: 550-193293-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.85	J	2.0	0.49	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.6		5.0	0.54	ug/L	1		8260B	Total/NA
Benzene	0.61	J	2.0	0.52	ug/L	1		8260B	Total/NA
Chloroethane	33		5.0	0.62	ug/L	1		8260B	Total/NA
Toluene	1.9	J	2.0	0.49	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene - DL	200	D	20	5.2	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL2	1200	D	100	24	ug/L	50		8260B	Total/NA
Trichloroethene - DL2	860	D	100	27	ug/L	50		8260B	Total/NA
Vinyl chloride - DL2	3700	*+	250	41	ug/L	50		8260B	Total/NA
cis-1,2-Dichloroethene - DL3	6300	D	200	62	ug/L	100		8260B	Total/NA

Client Sample ID: R-01_S2_11-2022 — Lab Sample ID: 550-193293-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.55	J	2.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: M-12_11-2022 — Lab Sample ID: 550-193293-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	18		2.0	0.48	ug/L	1		8260B	Total/NA
Trichloroethene	7.0		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: TB-04_11-2022 — Lab Sample ID: 550-193293-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.95	J	5.0	0.84	ug/L	1		8260B	Total/NA
Iodomethane	1.5	J B	2.0	0.53	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EB-04_11-2022

Date Collected: 11/07/22 14:30
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/17/22 09:04	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/17/22 09:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/17/22 09:04	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/17/22 09:04	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/17/22 09:04	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/17/22 09:04	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/17/22 09:04	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/17/22 09:04	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/17/22 09:04	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/17/22 09:04	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 09:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/17/22 09:04	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/17/22 09:04	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/17/22 09:04	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/17/22 09:04	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/17/22 09:04	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 09:04	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/17/22 09:04	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/17/22 09:04	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/17/22 09:04	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/17/22 09:04	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/17/22 09:04	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/17/22 09:04	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/17/22 09:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/17/22 09:04	1
Acetone	ND		20	9.8	ug/L			11/18/22 14:18	1
Benzene	ND		2.0	0.52	ug/L			11/17/22 09:04	1
Bromobenzene	ND		5.0	0.49	ug/L			11/17/22 09:04	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/17/22 09:04	1
Dichlorobromomethane	**1.1**	**J**	2.0	0.50	ug/L			11/17/22 09:04	1
Bromoform	ND		5.0	0.64	ug/L			11/17/22 09:04	1
Bromomethane	ND	*+	10	5.2	ug/L			11/17/22 09:04	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/17/22 09:04	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/17/22 09:04	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/17/22 09:04	1
Chloroethane	ND		5.0	0.62	ug/L			11/17/22 09:04	1
Chloroform	**4.3**		2.0	0.48	ug/L			11/17/22 09:04	1
Chloromethane	ND		5.0	0.84	ug/L			11/17/22 09:04	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/17/22 09:04	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/17/22 09:04	1
Chlorodibromomethane	**0.65**	**J**	2.0	0.47	ug/L			11/17/22 09:04	1
Dibromomethane	ND		2.0	0.55	ug/L			11/17/22 09:04	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/17/22 09:04	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/17/22 09:04	1
Freon 113	ND		5.0	0.53	ug/L			11/17/22 09:04	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/17/22 09:04	1
Iodomethane	ND		2.0	0.53	ug/L			11/17/22 09:04	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/17/22 09:04	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/17/22 09:04	1

Client Sample ID: EB-04_11-2022

Date Collected: 11/07/22 14:30
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/17/22 09:04	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/17/22 09:04	1
Naphthalene	ND		5.0	2.2	ug/L			11/17/22 09:04	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/17/22 09:04	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/17/22 09:04	1
o-Xylene	ND		5.0	0.47	ug/L			11/17/22 09:04	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/17/22 09:04	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/17/22 09:04	1
Styrene	ND		2.0	0.49	ug/L			11/17/22 09:04	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/17/22 09:04	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/17/22 09:04	1
Toluene	ND		2.0	0.49	ug/L			11/17/22 09:04	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/17/22 09:04	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/17/22 09:04	1
Trichloroethene	ND		2.0	0.54	ug/L			11/17/22 09:04	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/17/22 09:04	1
Vinyl acetate	ND		25	4.1	ug/L			11/17/22 09:04	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/17/22 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/17/22 09:04*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/18/22 14:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/17/22 09:04*	*1*
Toluene-d8 (Surr)	*84*		*70 - 130*		*11/18/22 14:18*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/17/22 09:04*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/18/22 14:18*	*1*

Client Sample ID: R-34_D2_11-2022

Date Collected: 11/04/22 12:00
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 14:15	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 14:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 14:15	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 14:15	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 14:15	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 14:15	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 14:15	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 14:15	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 14:15	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 14:15	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 14:15	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 14:15	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 14:15	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 14:15	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 14:15	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:15	1

Client Sample ID: R-34_D2_11-2022

Date Collected: 11/04/22 12:00
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:15	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 14:15	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 14:15	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 14:15	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 14:15	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 14:15	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 14:15	1
Acetone	ND		20	9.8	ug/L			11/15/22 14:15	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 14:15	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 14:15	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 14:15	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 14:15	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 14:15	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 14:15	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 14:15	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 14:15	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:15	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 14:15	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 14:15	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 14:15	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 14:15	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 14:15	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 14:15	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 14:15	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 14:15	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 14:15	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 14:15	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 14:15	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 14:15	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 14:15	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 14:15	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 14:15	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 14:15	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 14:15	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 14:15	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 14:15	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 14:15	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 14:15	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 14:15	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 14:15	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 14:15	1
Tetrachloroethene	**20**		2.0	0.48	ug/L			11/15/22 14:15	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 14:15	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 14:15	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 14:15	1
Trichloroethene	**6.8**		2.0	0.54	ug/L			11/15/22 14:15	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 14:15	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 14:15	1

Client Sample ID: R-34_D2_11-2022

Date Collected: 11/04/22 12:00
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/15/22 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 14:15*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/15/22 14:15*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 14:15*	*1*

Client Sample ID: R-934_D2_11-2022

Date Collected: 11/04/22 10:10
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 16:41	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 16:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 16:41	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 16:41	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 16:41	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 16:41	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 16:41	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 16:41	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 16:41	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 16:41	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 16:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 16:41	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 16:41	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 16:41	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 16:41	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 16:41	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 16:41	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 16:41	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 16:41	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 16:41	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 16:41	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 16:41	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 16:41	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 16:41	1
Acetone	ND		20	9.8	ug/L			11/15/22 16:41	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 16:41	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 16:41	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 16:41	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 16:41	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 16:41	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 16:41	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 16:41	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 16:41	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 16:41	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 16:41	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 16:41	1

Client Sample ID: R-934_D2_11-2022

Date Collected: 11/04/22 10:10
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 16:41	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 16:41	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 16:41	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 16:41	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 16:41	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 16:41	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 16:41	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 16:41	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 16:41	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 16:41	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 16:41	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 16:41	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 16:41	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 16:41	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 16:41	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 16:41	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 16:41	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 16:41	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 16:41	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 16:41	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 16:41	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 16:41	1
Tetrachloroethene	**9.9**		2.0	0.48	ug/L			11/15/22 16:41	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 16:41	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 16:41	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 16:41	1
Trichloroethene	**3.0**		2.0	0.54	ug/L			11/15/22 16:41	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 16:41	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 16:41	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/15/22 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/15/22 16:41*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 16:41*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/15/22 16:41*	*1*

Client Sample ID: R-23_11-2022

Date Collected: 11/04/22 09:45
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 15:18	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 15:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 15:18	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 15:18	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 15:18	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 15:18	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 15:18	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 15:18	1

Client Sample ID: R-23_11-2022

Date Collected: 11/04/22 09:45
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 15:18	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 15:18	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 15:18	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 15:18	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 15:18	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 15:18	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 15:18	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:18	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:18	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 15:18	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 15:18	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 15:18	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 15:18	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 15:18	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 15:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 15:18	1
Acetone	ND		20	9.8	ug/L			11/15/22 15:18	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 15:18	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 15:18	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 15:18	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 15:18	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 15:18	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 15:18	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 15:18	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 15:18	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:18	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 15:18	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 15:18	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 15:18	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 15:18	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 15:18	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 15:18	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 15:18	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 15:18	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 15:18	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 15:18	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 15:18	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 15:18	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 15:18	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 15:18	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 15:18	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 15:18	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 15:18	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 15:18	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 15:18	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 15:18	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 15:18	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 15:18	1

Client Sample ID: R-23_11-2022

Date Collected: 11/04/22 09:45
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.49	ug/L			11/15/22 15:18	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 15:18	1
Tetrachloroethene	**0.96**	**J**	2.0	0.48	ug/L			11/15/22 15:18	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 15:18	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 15:18	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 15:18	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 15:18	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 15:18	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 15:18	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/15/22 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/15/22 15:18*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 15:18*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*11/15/22 15:18*	*1*

Client Sample ID: R-34_I1_11-2022

Date Collected: 11/04/22 11:05
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 15:38	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 15:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 15:38	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 15:38	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 15:38	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 15:38	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 15:38	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 15:38	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 15:38	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 15:38	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 15:38	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 15:38	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 15:38	1
1,2-Dichloroethane	**0.59**	**J**	2.0	0.53	ug/L			11/15/22 15:38	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 15:38	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:38	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:38	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 15:38	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 15:38	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 15:38	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 15:38	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 15:38	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 15:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 15:38	1
Acetone	ND		20	9.8	ug/L			11/15/22 15:38	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 15:38	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 15:38	1

Client Sample ID: R-34_I1_11-2022

Date Collected: 11/04/22 11:05
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 15:38	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 15:38	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 15:38	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 15:38	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 15:38	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 15:38	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:38	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 15:38	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 15:38	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 15:38	1
cis-1,2-Dichloroethene	**10**		2.0	0.62	ug/L			11/15/22 15:38	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 15:38	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 15:38	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 15:38	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 15:38	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 15:38	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 15:38	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 15:38	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 15:38	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 15:38	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 15:38	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 15:38	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 15:38	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 15:38	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 15:38	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 15:38	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 15:38	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 15:38	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 15:38	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 15:38	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 15:38	1
Tetrachloroethene	**4.1**		2.0	0.48	ug/L			11/15/22 15:38	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 15:38	1
trans-1,2-Dichloroethene	**2.3**		2.0	0.52	ug/L			11/15/22 15:38	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 15:38	1
Trichloroethene	**9.9**		2.0	0.54	ug/L			11/15/22 15:38	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 15:38	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 15:38	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/15/22 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/15/22 15:38*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/15/22 15:38*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/15/22 15:38*	*1*

Client Sample ID: SMW-93D_11-2022

Date Collected: 11/04/22 10:40
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/17/22 12:40	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/17/22 12:40	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/17/22 12:40	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/17/22 12:40	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/17/22 12:40	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/17/22 12:40	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/17/22 12:40	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/17/22 12:40	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/17/22 12:40	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/17/22 12:40	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 12:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/17/22 12:40	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/17/22 12:40	1
1,2-Dichlorobenzene	**0.49**	**J**	2.0	0.49	ug/L			11/17/22 12:40	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/17/22 12:40	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/17/22 12:40	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 12:40	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/17/22 12:40	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/17/22 12:40	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/17/22 12:40	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/17/22 12:40	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/17/22 12:40	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/17/22 12:40	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/17/22 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/17/22 12:40	1
Acetone	**20**	**B**	20	9.8	ug/L			11/17/22 12:40	1
Benzene	**0.95**	**J**	2.0	0.52	ug/L			11/17/22 12:40	1
Bromobenzene	ND		5.0	0.49	ug/L			11/17/22 12:40	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/17/22 12:40	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/17/22 12:40	1
Bromoform	ND		5.0	0.64	ug/L			11/17/22 12:40	1
Bromomethane	ND	*+	10	5.2	ug/L			11/17/22 12:40	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/17/22 12:40	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/17/22 12:40	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/17/22 12:40	1
Chloroethane	**16**		5.0	0.62	ug/L			11/17/22 12:40	1
Chloroform	ND		2.0	0.48	ug/L			11/17/22 12:40	1
Chloromethane	ND		5.0	0.84	ug/L			11/17/22 12:40	1
cis-1,2-Dichloroethene	**1400**	**E**	2.0	0.62	ug/L			11/17/22 12:40	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/17/22 12:40	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/17/22 12:40	1
Dibromomethane	ND		2.0	0.55	ug/L			11/17/22 12:40	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/17/22 12:40	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/17/22 12:40	1
Freon 113	ND		5.0	0.53	ug/L			11/17/22 12:40	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/17/22 12:40	1
Iodomethane	ND		2.0	0.53	ug/L			11/17/22 12:40	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/17/22 12:40	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/17/22 12:40	1

Client Sample ID: SMW-93D_11-2022

Date Collected: 11/04/22 10:40
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/17/22 12:40	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/17/22 12:40	1
Naphthalene	**3.1**	**J**	5.0	2.2	ug/L			11/17/22 12:40	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/17/22 12:40	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/17/22 12:40	1
o-Xylene	ND		5.0	0.47	ug/L			11/17/22 12:40	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/17/22 12:40	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/17/22 12:40	1
Styrene	ND		2.0	0.49	ug/L			11/17/22 12:40	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/17/22 12:40	1
Tetrachloroethene	**0.62**	**J**	2.0	0.48	ug/L			11/17/22 12:40	1
Toluene	**2.1**		2.0	0.49	ug/L			11/17/22 12:40	1
trans-1,2-Dichloroethene	**80**		2.0	0.52	ug/L			11/17/22 12:40	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/17/22 12:40	1
Trichloroethene	**69**		2.0	0.54	ug/L			11/17/22 12:40	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/17/22 12:40	1
Vinyl acetate	ND		25	4.1	ug/L			11/17/22 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*11/17/22 12:40*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/17/22 12:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/17/22 12:40*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**1400**	**D**	100	16	ug/L			11/18/22 14:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/18/22 14:01*	*20*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/18/22 14:01*	*20*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/18/22 14:01*	*20*

Client Sample ID: R-34_I2_11-2022

Date Collected: 11/04/22 11:20
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 13:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 13:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 13:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 13:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 13:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 13:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 13:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 13:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 13:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 13:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 13:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 13:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 13:52	1

Client Sample ID: R-34_I2_11-2022

Date Collected: 11/04/22 11:20
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 13:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 13:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 13:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 13:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 13:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 13:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 13:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 13:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 13:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 13:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 13:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 13:52	1
Acetone	ND		20	9.8	ug/L			11/15/22 13:52	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 13:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 13:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 13:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 13:52	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 13:52	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 13:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 13:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 13:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 13:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 13:52	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 13:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 13:52	1
cis-1,2-Dichloroethene	**1.8**	**J**	2.0	0.62	ug/L			11/15/22 13:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 13:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 13:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 13:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 13:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 13:52	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 13:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 13:52	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 13:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 13:52	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 13:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 13:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 13:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 13:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 13:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 13:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 13:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 13:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 13:52	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 13:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 13:52	1
Tetrachloroethene	**56**		2.0	0.48	ug/L			11/15/22 13:52	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 13:52	1
trans-1,2-Dichloroethene	**0.60**	**J**	2.0	0.52	ug/L			11/15/22 13:52	1

Client Sample ID: R-34_I2_11-2022

Lab Sample ID: 550-193293-7

Date Collected: 11/04/22 11:20
Matrix: Water
Date Received: 11/08/22 10:10

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 13:52	1
Trichloroethene	**17**		2.0	0.54	ug/L			11/15/22 13:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 13:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 13:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 13:52*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*11/15/22 13:52*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/15/22 13:52*	*1*

Client Sample ID: SMW-3D_11-2022

Lab Sample ID: 550-193293-8

Date Collected: 11/04/22 12:15
Matrix: Water
Date Received: 11/08/22 10:10

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 14:18	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 14:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 14:18	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 14:18	1
1,1-Dichloroethane	**0.85**	**J**	2.0	0.49	ug/L			11/15/22 14:18	1
1,1-Dichloroethene	**5.6**		5.0	0.54	ug/L			11/15/22 14:18	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 14:18	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 14:18	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 14:18	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 14:18	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 14:18	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 14:18	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 14:18	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 14:18	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 14:18	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:18	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:18	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 14:18	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 14:18	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 14:18	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 14:18	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 14:18	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 14:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 14:18	1
Acetone	ND		20	9.8	ug/L			11/15/22 14:18	1
Benzene	**0.61**	**J**	2.0	0.52	ug/L			11/15/22 14:18	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 14:18	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 14:18	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 14:18	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 14:18	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 14:18	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 14:18	1

Client Sample ID: SMW-3D_11-2022

Date Collected: 11/04/22 12:15
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 14:18	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:18	1
Chloroethane	**33**		5.0	0.62	ug/L			11/15/22 14:18	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 14:18	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 14:18	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 14:18	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 14:18	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 14:18	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 14:18	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 14:18	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 14:18	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 14:18	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 14:18	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 14:18	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 14:18	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 14:18	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 14:18	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 14:18	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 14:18	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 14:18	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 14:18	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 14:18	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 14:18	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 14:18	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 14:18	1
Toluene	**1.9**	**J**	2.0	0.49	ug/L			11/15/22 14:18	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 14:18	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 14:18	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/15/22 14:18*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/15/22 14:18*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/15/22 14:18*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	**200**	**D**	20	5.2	ug/L			11/16/22 16:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*11/16/22 16:29*	*10*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/16/22 16:29*	*10*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/16/22 16:29*	*10*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1200**	**D**	100	24	ug/L			11/16/22 15:47	50
Trichloroethene	**860**	**D**	100	27	ug/L			11/16/22 15:47	50
Vinyl chloride	**3700**	***+**	250	41	ug/L			11/17/22 13:32	50

Client Sample ID: SMW-3D_11-2022

Date Collected: 11/04/22 12:15
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/16/22 15:47*	*50*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/17/22 13:32*	*50*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/16/22 15:47*	*50*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/17/22 13:32*	*50*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/16/22 15:47*	*50*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/17/22 13:32*	*50*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**6300**	**D**	200	62	ug/L			11/17/22 13:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/17/22 13:06*	*100*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/17/22 13:06*	*100*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/17/22 13:06*	*100*

Client Sample ID: R-01_S2_11-2022

Date Collected: 11/04/22 10:08
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 14:44	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 14:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 14:44	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 14:44	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 14:44	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 14:44	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 14:44	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 14:44	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 14:44	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 14:44	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:44	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 14:44	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 14:44	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 14:44	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 14:44	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 14:44	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 14:44	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:44	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 14:44	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 14:44	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 14:44	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 14:44	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 14:44	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 14:44	1
Acetone	ND		20	9.8	ug/L			11/15/22 14:44	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 14:44	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 14:44	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 14:44	1

Client Sample ID: R-01_S2_11-2022

Date Collected: 11/04/22 10:08
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 14:44	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 14:44	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 14:44	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 14:44	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 14:44	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 14:44	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 14:44	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 14:44	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 14:44	1
cis-1,2-Dichloroethene	**1.7**	**J**	2.0	0.62	ug/L			11/15/22 14:44	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 14:44	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 14:44	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 14:44	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 14:44	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 14:44	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 14:44	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 14:44	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 14:44	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 14:44	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 14:44	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 14:44	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 14:44	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 14:44	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 14:44	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 14:44	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 14:44	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 14:44	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 14:44	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 14:44	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 14:44	1
Tetrachloroethene	**0.55**	**J**	2.0	0.48	ug/L			11/15/22 14:44	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 14:44	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 14:44	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 14:44	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 14:44	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 14:44	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 14:44	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/15/22 14:44*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/15/22 14:44*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/15/22 14:44*	*1*

Client Sample ID: M-12_11-2022

Date Collected: 11/04/22 11:40
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 15:10	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 15:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 15:10	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 15:10	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 15:10	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 15:10	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 15:10	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 15:10	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 15:10	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 15:10	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 15:10	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 15:10	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 15:10	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 15:10	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 15:10	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 15:10	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:10	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 15:10	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 15:10	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 15:10	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 15:10	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 15:10	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 15:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 15:10	1
Acetone	ND		20	9.8	ug/L			11/15/22 15:10	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 15:10	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 15:10	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 15:10	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 15:10	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 15:10	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 15:10	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 15:10	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 15:10	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 15:10	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 15:10	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 15:10	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 15:10	1
cis-1,2-Dichloroethene	**1.7**	**J**	2.0	0.62	ug/L			11/15/22 15:10	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 15:10	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 15:10	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 15:10	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 15:10	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 15:10	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 15:10	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 15:10	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 15:10	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 15:10	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 15:10	1

Client Sample ID: M-12_11-2022

Date Collected: 11/04/22 11:40
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 15:10	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 15:10	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 15:10	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 15:10	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 15:10	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 15:10	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 15:10	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 15:10	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 15:10	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 15:10	1
Tetrachloroethene	**18**		2.0	0.48	ug/L			11/15/22 15:10	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 15:10	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 15:10	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 15:10	1
Trichloroethene	**7.0**		2.0	0.54	ug/L			11/15/22 15:10	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 15:10	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 15:10	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/15/22 15:10*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/15/22 15:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/15/22 15:10*	*1*

Client Sample ID: TB-04_11-2022

Date Collected: 11/02/22 16:04
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 11:13	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 11:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 11:13	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 11:13	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 11:13	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 11:13	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 11:13	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 11:13	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 11:13	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 11:13	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 11:13	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 11:13	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 11:13	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 11:13	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 11:13	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:13	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:13	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 11:13	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 11:13	1

Client Sample ID: TB-04_11-2022

Date Collected: 11/02/22 16:04
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 11:13	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 11:13	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 11:13	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 11:13	1
Acetone	ND		20	9.8	ug/L			11/14/22 11:13	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 11:13	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 11:13	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 11:13	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 11:13	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 11:13	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 11:13	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 11:13	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 11:13	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:13	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 11:13	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 11:13	1
Chloromethane	**0.95**	**J**	5.0	0.84	ug/L			11/14/22 11:13	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 11:13	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 11:13	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 11:13	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 11:13	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 11:13	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 11:13	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 11:13	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 11:13	1
Iodomethane	**1.5**	**J B**	2.0	0.53	ug/L			11/14/22 11:13	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 11:13	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 11:13	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 11:13	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 11:13	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 11:13	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 11:13	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 11:13	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 11:13	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 11:13	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 11:13	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 11:13	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 11:13	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 11:13	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 11:13	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 11:13	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 11:13	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 11:13	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 11:13	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 11:13	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 11:13*	*1*

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Client Sample ID: TB-04_11-2022
Date Collected: 11/02/22 16:04
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		70 - 130		11/14/22 11:13	1
4-Bromofluorobenzene (Surr)	78		70 - 130		11/14/22 11:13	1

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193293-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193293-1	EB-04_11-2022	97	96	98
550-193293-1	EB-04_11-2022	94	84	79
550-193293-2	R-34_D2_11-2022	96	88	79
550-193293-2 MS	R-34_D2_11-2022	96	90	83
550-193293-2 MSD	R-34_D2_11-2022	99	91	86
550-193293-3	R-934_D2_11-2022	95	89	80
550-193293-4	R-23_11-2022	94	89	82
550-193293-5	R-34_I1_11-2022	95	89	79
550-193293-6	SMW-93D_11-2022	101	94	95
550-193293-6 - DL	SMW-93D_11-2022	99	94	98
550-193293-6 MS	SMW-93D_11-2022	116	104	113
550-193293-6 MSD	SMW-93D_11-2022	111	99	108
550-193293-7	R-34_I2_11-2022	96	95	99
550-193293-7 MS	R-34_I2_11-2022	97	96	105
550-193293-7 MSD	R-34_I2_11-2022	99	99	106
550-193293-8	SMW-3D_11-2022	96	94	102
550-193293-8 - DL2	SMW-3D_11-2022	96	86	79
550-193293-8 - DL	SMW-3D_11-2022	91	89	77
550-193293-8 - DL3	SMW-3D_11-2022	99	94	95
550-193293-8 - DL2	SMW-3D_11-2022	98	93	95
550-193293-9	R-01_S2_11-2022	100	96	99
550-193293-10	M-12_11-2022	99	96	99
550-193293-11	TB-04_11-2022	94	88	78
LCS 550-288554/3	Lab Control Sample	91	87	82
LCS 550-288639/3	Lab Control Sample	88	90	79
LCS 550-288643/3	Lab Control Sample	98	96	107
LCS 550-288760/1002	Lab Control Sample	96	93	86
LCS 550-288833/3	Lab Control Sample	97	93	105
LCS 550-288949/4	Lab Control Sample	123	113	120
LCS 550-288978/1002	Lab Control Sample	117	106	99
LCSD 550-288554/4	Lab Control Sample Dup	93	87	83
LCSD 550-288639/4	Lab Control Sample Dup	92	90	80
LCSD 550-288643/4	Lab Control Sample Dup	93	90	101
LCSD 550-288760/4	Lab Control Sample Dup	96	89	85
LCSD 550-288833/4	Lab Control Sample Dup	99	94	102
LCSD 550-288949/5	Lab Control Sample Dup	121	113	117
LCSD 550-288978/4	Lab Control Sample Dup	124	111	103
MB 550-288554/6	Method Blank	92	90	78
MB 550-288639/6	Method Blank	92	90	80
MB 550-288643/6	Method Blank	97	93	100
MB 550-288760/6	Method Blank	93	88	77
MB 550-288833/6	Method Blank	98	93	99
MB 550-288949/7	Method Blank	100	94	95
MB 550-288978/6	Method Blank	92	86	78

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 10:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 10:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 10:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 10:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 10:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 10:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 10:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 10:52	1
Acetone	ND		20	9.8	ug/L			11/14/22 10:52	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 10:52	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 10:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 10:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 10:52	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 10:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 10:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 10:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 10:52	1
Iodomethane	1.52	J	2.0	0.53	ug/L			11/14/22 10:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 10:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 10:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 10:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 10:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 10:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 10:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 10:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 10:52	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 10:52	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 10:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 10:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 10:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 10:52*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 10:52*	*1*

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	60 - 135
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	67 - 130
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	66 - 135
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	58 - 133
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	44.2		ug/L		88	54 - 135
1,2-Dichloropropane	50.0	46.5		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	70 - 139
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	45.5		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.5		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	52.3		ug/L		105	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	45.1		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.0		ug/L		102	56 - 141
Acetone	50.0	43.6		ug/L		87	11 - 150
Benzene	50.0	46.2		ug/L		92	67 - 130
Bromobenzene	50.0	42.4		ug/L		85	70 - 130
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	56.7		ug/L		113	10 - 150
Carbon disulfide	50.0	58.4		ug/L		117	36 - 150
Carbon tetrachloride	50.0	46.3		ug/L		93	60 - 134
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	60.2		ug/L		120	46 - 150
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	64 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.4		ug/L		91	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	53.2		ug/L		106	29 - 150
Ethylbenzene	50.0	46.0		ug/L		92	80 - 120
Freon 113	50.0	52.4		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	45.8		ug/L		92	58 - 134
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 139
m-Xylene & p-Xylene	50.0	45.0		ug/L		90	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	49.0		ug/L		98	55 - 136
Naphthalene	50.0	42.5		ug/L		85	64 - 135
n-Butylbenzene	50.0	48.3		ug/L		97	70 - 136
N-Propylbenzene	50.0	45.8		ug/L		92	66 - 142
o-Xylene	50.0	45.1		ug/L		90	68 - 136
4-Isopropyltoluene	50.0	47.0		ug/L		94	67 - 138
sec-Butylbenzene	50.0	46.4		ug/L		93	66 - 135
Styrene	50.0	44.3		ug/L		89	69 - 135
tert-Butylbenzene	50.0	45.7		ug/L		91	64 - 135
Tetrachloroethene	50.0	45.9		ug/L		92	63 - 131
Toluene	50.0	46.6		ug/L		93	71 - 123
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	65 - 132
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 136
Trichloroethene	50.0	46.2		ug/L		92	67 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	62 - 147
Vinyl acetate	50.0	57.6		ug/L		115	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	1	20
1,1,2,2-Tetrachloroethane			50.0	46.9		ug/L		94	60 - 135	5	20
1,1,2-Trichloroethane			50.0	45.9		ug/L		92	69 - 130	2	20
1,1-Dichloroethane			50.0	51.3		ug/L		103	65 - 132	0	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	80 - 120	0	23
1,1-Dichloropropene			50.0	47.6		ug/L		95	63 - 130	1	20
1,2,3-Trichlorobenzene			50.0	40.4		ug/L		81	62 - 139	4	20
1,2,3-Trichloropropane			50.0	45.4		ug/L		91	67 - 130	7	20
1,2,4-Trichlorobenzene			50.0	42.6		ug/L		85	66 - 135	4	20
1,2,4-Trimethylbenzene			50.0	46.0		ug/L		92	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/L		99	58 - 133	7	21
1,2-Dibromoethane			50.0	47.1		ug/L		94	70 - 130	3	20
1,2-Dichlorobenzene			50.0	42.9		ug/L		86	70 - 130	1	20
1,2-Dichloroethane			50.0	44.8		ug/L		90	54 - 135	1	20
1,2-Dichloropropane			50.0	46.9		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.1		ug/L		92	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	0	20
1,3-Dichloropropane			50.0	46.3		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	2	20
2,2-Dichloropropane			50.0	53.9		ug/L		108	60 - 148	1	21
2-Butanone (MEK)			50.0	59.0		ug/L		118	50 - 150	12	34
Methyl n-butyl ketone (MNBK)			50.0	59.1		ug/L		118	50 - 148	11	29
4-Chlorotoluene			50.0	45.7		ug/L		91	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	55.9		ug/L		112	56 - 141	9	23
Acetone			50.0	49.7		ug/L		99	11 - 150	13	35
Benzene			50.0	46.1		ug/L		92	67 - 130	0	20
Bromobenzene			50.0	43.0		ug/L		86	70 - 130	1	20
Chlorobromomethane			50.0	48.7		ug/L		97	59 - 139	1	20
Dichlorobromomethane			50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform			50.0	39.6		ug/L		79	67 - 140	3	20
Bromomethane			50.0	56.3		ug/L		113	10 - 150	1	31
Carbon disulfide			50.0	58.6		ug/L		117	36 - 150	0	26
Carbon tetrachloride			50.0	46.3		ug/L		93	60 - 134	0	20
Chlorobenzene			50.0	44.7		ug/L		89	70 - 130	2	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	2	29
Chloroform			50.0	49.0		ug/L		98	80 - 120	0	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	47.2		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.7		ug/L		91	65 - 130	2	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	1	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	53.4		ug/L		107	37 - 150	2	20
Hexachlorobutadiene			50.0	43.8		ug/L		88	58 - 134	4	20
Isopropylbenzene			50.0	46.3		ug/L		93	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.5		ug/L		91	67 - 137	1	20
Methyl tert-butyl ether			50.0	53.0		ug/L		106	59 - 139	3	22
Methylene Chloride			50.0	49.0		ug/L		98	55 - 136	0	23
Naphthalene			50.0	42.6		ug/L		85	64 - 135	0	20
n-Butylbenzene			50.0	48.5		ug/L		97	70 - 136	0	20
N-Propylbenzene			50.0	45.8		ug/L		92	66 - 142	0	20
o-Xylene			50.0	44.2		ug/L		88	68 - 136	2	20
4-Isopropyltoluene			50.0	47.4		ug/L		95	67 - 138	1	20
sec-Butylbenzene			50.0	46.1		ug/L		92	66 - 135	1	20
Styrene			50.0	44.2		ug/L		88	69 - 135	0	20
tert-Butylbenzene			50.0	45.7		ug/L		91	64 - 135	0	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	1	20
Toluene			50.0	46.0		ug/L		92	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	48.0		ug/L		96	66 - 136	0	20
Trichloroethene			50.0	45.9		ug/L		92	67 - 130	1	20
Trichlorofluoromethane			50.0	51.0		ug/L		102	62 - 147	1	22
Vinyl acetate			50.0	57.8		ug/L		116	51 - 150	0	29
Vinyl chloride			50.0	57.6		ug/L		115	80 - 120	0	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: MB 550-288639/6
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 10:07	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 10:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 10:07	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 10:07	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 10:07	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 10:07	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 10:07	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 10:07	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 10:07	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 10:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288639/6
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 10:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 10:07	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 10:07	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 10:07	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 10:07	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 10:07	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 10:07	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 10:07	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 10:07	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 10:07	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 10:07	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 10:07	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 10:07	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 10:07	1
Acetone	ND		20	9.8	ug/L			11/15/22 10:07	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 10:07	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 10:07	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 10:07	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 10:07	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 10:07	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 10:07	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 10:07	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 10:07	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 10:07	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 10:07	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 10:07	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 10:07	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 10:07	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 10:07	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 10:07	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 10:07	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 10:07	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 10:07	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 10:07	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 10:07	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 10:07	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 10:07	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 10:07	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 10:07	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 10:07	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 10:07	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 10:07	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 10:07	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 10:07	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 10:07	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 10:07	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 10:07	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 10:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288639/6
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 10:07	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 10:07	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 10:07	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 10:07	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 10:07	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 10:07	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 10:07	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/15/22 10:07*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/15/22 10:07*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/15/22 10:07*	*1*

Lab Sample ID: LCS 550-288639/3
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.7		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	53.2		ug/L		106	62 - 134
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	60 - 135
1,1,2-Trichloroethane	50.0	45.3		ug/L		91	69 - 130
1,1-Dichloroethane	50.0	53.1		ug/L		106	65 - 132
1,1-Dichloroethene	50.0	54.9		ug/L		110	80 - 120
1,1-Dichloropropene	50.0	54.6		ug/L		109	63 - 130
1,2,3-Trichlorobenzene	50.0	42.9		ug/L		86	62 - 139
1,2,3-Trichloropropane	50.0	45.0		ug/L		90	67 - 130
1,2,4-Trichlorobenzene	50.0	46.2		ug/L		92	66 - 135
1,2,4-Trimethylbenzene	50.0	48.3		ug/L		97	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	52.2		ug/L		104	58 - 133
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	43.1		ug/L		86	70 - 130
1,2-Dichloroethane	50.0	45.3		ug/L		91	54 - 135
1,2-Dichloropropane	50.0	48.6		ug/L		97	80 - 120
1,3,5-Trimethylbenzene	50.0	46.1		ug/L		92	70 - 139
1,3-Dichlorobenzene	50.0	45.4		ug/L		91	70 - 130
1,3-Dichloropropane	50.0	46.4		ug/L		93	69 - 130
1,4-Dichlorobenzene	50.0	44.8		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	57.0		ug/L		114	60 - 148
2-Butanone (MEK)	50.0	60.8		ug/L		122	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	59.9		ug/L		120	50 - 148
4-Chlorotoluene	50.0	45.0		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	56.0		ug/L		112	56 - 141
Acetone	50.0	63.3		ug/L		127	11 - 150
Benzene	50.0	49.7		ug/L		99	67 - 130
Bromobenzene	50.0	42.1		ug/L		84	70 - 130
Chlorobromomethane	50.0	46.7		ug/L		93	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288639/3
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	46.6		ug/L		93	69 - 130
Bromoform	50.0	37.4		ug/L		75	67 - 140
Bromomethane	50.0	50.9		ug/L		102	10 - 150
Carbon disulfide	50.0	62.5		ug/L		125	36 - 150
Carbon tetrachloride	50.0	52.7		ug/L		105	60 - 134
Chlorobenzene	50.0	46.4		ug/L		93	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	62.2		ug/L		124	46 - 150
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	64 - 130
cis-1,3-Dichloropropene	50.0	48.6		ug/L		97	66 - 134
Chlorodibromomethane	50.0	44.9		ug/L		90	65 - 133
Dibromomethane	50.0	45.1		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	60.6		ug/L		121	29 - 150
Ethylbenzene	50.0	49.4		ug/L		99	80 - 120
Freon 113	50.0	59.9		ug/L		120	37 - 150
Hexachlorobutadiene	50.0	51.9		ug/L		104	58 - 134
Isopropylbenzene	50.0	49.9		ug/L		100	70 - 139
m-Xylene & p-Xylene	50.0	48.2		ug/L		96	67 - 137
Methyl tert-butyl ether	50.0	48.6		ug/L		97	59 - 139
Methylene Chloride	50.0	48.3		ug/L		97	55 - 136
Naphthalene	50.0	45.4		ug/L		91	64 - 135
n-Butylbenzene	50.0	55.0		ug/L		110	70 - 136
N-Propylbenzene	50.0	50.1		ug/L		100	66 - 142
o-Xylene	50.0	46.2		ug/L		92	68 - 136
4-Isopropyltoluene	50.0	52.3		ug/L		105	67 - 138
sec-Butylbenzene	50.0	51.6		ug/L		103	66 - 135
Styrene	50.0	44.6		ug/L		89	69 - 135
tert-Butylbenzene	50.0	49.7		ug/L		99	64 - 135
Tetrachloroethene	50.0	51.2		ug/L		102	63 - 131
Toluene	50.0	49.1		ug/L		98	71 - 123
trans-1,2-Dichloroethene	50.0	53.5		ug/L		107	65 - 132
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	66 - 136
Trichloroethene	50.0	50.1		ug/L		100	67 - 130
Trichlorofluoromethane	50.0	57.3		ug/L		115	62 - 147
Vinyl acetate	50.0	56.3		ug/L		113	51 - 150
Vinyl chloride	50.0	62.4	*+	ug/L		125	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288639/4
Matrix: Water
Analysis Batch: 288639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.2		ug/L		92	68 - 133	3	20
1,1,1-Trichloroethane	50.0	52.2		ug/L		104	62 - 134	2	20
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	60 - 135	0	20
1,1,2-Trichloroethane	50.0	46.4		ug/L		93	69 - 130	2	20
1,1-Dichloroethane	50.0	53.4		ug/L		107	65 - 132	0	20
1,1-Dichloroethene	50.0	52.8		ug/L		106	80 - 120	4	23
1,1-Dichloropropene	50.0	50.8		ug/L		102	63 - 130	7	20
1,2,3-Trichlorobenzene	50.0	41.8		ug/L		84	62 - 139	3	20
1,2,3-Trichloropropane	50.0	44.0		ug/L		88	67 - 130	2	20
1,2,4-Trichlorobenzene	50.0	44.2		ug/L		88	66 - 135	4	20
1,2,4-Trimethylbenzene	50.0	46.9		ug/L		94	70 - 134	3	20
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/L		97	58 - 133	7	21
1,2-Dibromoethane	50.0	47.2		ug/L		94	70 - 130	2	20
1,2-Dichlorobenzene	50.0	43.3		ug/L		87	70 - 130	1	20
1,2-Dichloroethane	50.0	45.6		ug/L		91	54 - 135	1	20
1,2-Dichloropropane	50.0	48.5		ug/L		97	80 - 120	0	20
1,3,5-Trimethylbenzene	50.0	48.3		ug/L		97	70 - 139	5	20
1,3-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 130	1	20
1,3-Dichloropropane	50.0	47.1		ug/L		94	69 - 130	2	20
1,4-Dichlorobenzene	50.0	44.4		ug/L		89	70 - 130	1	20
2,2-Dichloropropane	50.0	55.8		ug/L		112	60 - 148	2	21
2-Butanone (MEK)	50.0	59.8		ug/L		120	50 - 150	2	34
Methyl n-butyl ketone (MNBK)	50.0	58.4		ug/L		117	50 - 148	2	29
4-Chlorotoluene	50.0	46.4		ug/L		93	70 - 130	3	20
4-Methyl-2-pentanone (MIBK)	50.0	55.2		ug/L		110	56 - 141	2	23
Acetone	50.0	60.8		ug/L		122	11 - 150	4	35
Benzene	50.0	48.4		ug/L		97	67 - 130	3	20
Bromobenzene	50.0	42.7		ug/L		85	70 - 130	1	20
Chlorobromomethane	50.0	49.0		ug/L		98	59 - 139	5	20
Dichlorobromomethane	50.0	46.8		ug/L		94	69 - 130	0	20
Bromoform	50.0	38.5		ug/L		77	67 - 140	3	20
Bromomethane	50.0	54.0		ug/L		108	10 - 150	6	31
Carbon disulfide	50.0	60.5		ug/L		121	36 - 150	3	26
Carbon tetrachloride	50.0	49.7		ug/L		99	60 - 134	6	20
Chlorobenzene	50.0	46.1		ug/L		92	70 - 130	1	20
Chloroethane	50.0	58.9		ug/L		118	57 - 150	3	29
Chloroform	50.0	50.2		ug/L		100	80 - 120	3	20
Chloromethane	50.0	58.2		ug/L		116	46 - 150	7	30
cis-1,2-Dichloroethene	50.0	47.8		ug/L		96	64 - 130	1	20
cis-1,3-Dichloropropene	50.0	49.9		ug/L		100	66 - 134	3	20
Chlorodibromomethane	50.0	46.8		ug/L		94	65 - 133	4	20
Dibromomethane	50.0	46.4		ug/L		93	65 - 130	3	20
Dichlorodifluoromethane	50.0	56.6		ug/L		113	29 - 150	7	30
Ethylbenzene	50.0	48.9		ug/L		98	80 - 120	1	20
Freon 113	50.0	56.7		ug/L		113	37 - 150	5	20
Hexachlorobutadiene	50.0	46.8		ug/L		94	58 - 134	10	20
Isopropylbenzene	50.0	47.9		ug/L		96	70 - 139	4	20
m-Xylene & p-Xylene	50.0	46.1		ug/L		92	67 - 137	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288639/4
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 288639

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	51.7		ug/L		103	59 - 139	6	22
Methylene Chloride			50.0	49.8		ug/L		100	55 - 136	3	23
Naphthalene			50.0	42.8		ug/L		86	64 - 135	6	20
n-Butylbenzene			50.0	51.9		ug/L		104	70 - 136	6	20
N-Propylbenzene			50.0	48.1		ug/L		96	66 - 142	4	20
o-Xylene			50.0	45.8		ug/L		92	68 - 136	1	20
4-Isopropyltoluene			50.0	49.7		ug/L		99	67 - 138	5	20
sec-Butylbenzene			50.0	49.0		ug/L		98	66 - 135	5	20
Styrene			50.0	44.6		ug/L		89	69 - 135	0	20
tert-Butylbenzene			50.0	47.6		ug/L		95	64 - 135	4	20
Tetrachloroethene			50.0	49.1		ug/L		98	63 - 131	4	20
Toluene			50.0	48.6		ug/L		97	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	52.6		ug/L		105	65 - 132	2	20
trans-1,3-Dichloropropene			50.0	50.2		ug/L		100	66 - 136	3	20
Trichloroethene			50.0	49.1		ug/L		98	67 - 130	2	20
Trichlorofluoromethane			50.0	54.0		ug/L		108	62 - 147	6	22
Vinyl acetate			50.0	56.6		ug/L		113	51 - 150	0	29
Vinyl chloride			50.0	59.0		ug/L		118	80 - 120	6	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*

Lab Sample ID: 550-193293-2 MS
Client Sample ID: R-34_D2_11-2022
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 288639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	47.3		ug/L		95	62 - 139
1,1,1-Trichloroethane	ND		50.0	51.2		ug/L		102	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	45.6		ug/L		91	52 - 150
1,1,2-Trichloroethane	ND		50.0	46.5		ug/L		93	62 - 137
1,1-Dichloroethane	ND		50.0	53.7		ug/L		107	58 - 145
1,1-Dichloroethene	ND		50.0	50.9		ug/L		102	50 - 150
1,1-Dichloropropene	ND		50.0	47.8		ug/L		96	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	39.5		ug/L		79	52 - 144
1,2,3-Trichloropropane	ND		50.0	42.5		ug/L		85	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	41.9		ug/L		84	54 - 140
1,2,4-Trimethylbenzene	ND		50.0	47.3		ug/L		95	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	44.7		ug/L		89	41 - 149
1,2-Dibromoethane	ND		50.0	46.5		ug/L		93	67 - 136
1,2-Dichlorobenzene	ND		50.0	44.9		ug/L		90	64 - 132
1,2-Dichloroethane	ND		50.0	46.1		ug/L		92	47 - 146
1,2-Dichloropropane	ND		50.0	49.3		ug/L		99	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	47.2		ug/L		94	34 - 150
1,3-Dichlorobenzene	ND		50.0	45.3		ug/L		91	67 - 130
1,3-Dichloropropane	ND		50.0	47.7		ug/L		95	65 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-2 MS
Matrix: Water
Analysis Batch: 288639

Client Sample ID: R-34_D2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	ND		50.0	44.7		ug/L		89	67 - 128
2,2-Dichloropropane	ND		50.0	53.3		ug/L		107	54 - 150
2-Butanone (MEK)	ND		50.0	52.6		ug/L		105	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	50.7		ug/L		101	37 - 150
4-Chlorotoluene	ND		50.0	46.1		ug/L		92	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	49.0		ug/L		98	41 - 150
Acetone	ND		50.0	46.3		ug/L		93	10 - 150
Benzene	ND		50.0	48.2		ug/L		96	54 - 142
Bromobenzene	ND		50.0	43.9		ug/L		88	67 - 132
Chlorobromomethane	ND		50.0	50.1		ug/L		100	55 - 147
Dichlorobromomethane	ND		50.0	48.1		ug/L		96	61 - 143
Bromoform	ND		50.0	38.8		ug/L		78	57 - 148
Bromomethane	ND		50.0	61.7		ug/L		123	56 - 149
Carbon disulfide	ND		50.0	58.9		ug/L		118	23 - 150
Carbon tetrachloride	ND		50.0	46.6		ug/L		93	51 - 143
Chlorobenzene	ND		50.0	46.5		ug/L		93	69 - 129
Chloroethane	ND		50.0	58.6		ug/L		117	41 - 150
Chloroform	ND		50.0	51.5		ug/L		103	60 - 148
Chloromethane	ND		50.0	57.7		ug/L		115	29 - 150
cis-1,2-Dichloroethene	ND		50.0	48.0		ug/L		96	57 - 139
cis-1,3-Dichloropropene	ND		50.0	49.4		ug/L		99	57 - 145
Chlorodibromomethane	ND		50.0	47.7		ug/L		95	61 - 143
Dibromomethane	ND		50.0	46.8		ug/L		94	56 - 148
Dichlorodifluoromethane	ND		50.0	52.3		ug/L		105	20 - 150
Ethylbenzene	ND		50.0	47.9		ug/L		96	46 - 149
Freon 113	ND		50.0	53.7		ug/L		107	10 - 150
Hexachlorobutadiene	ND		50.0	44.3		ug/L		89	48 - 146
Isopropylbenzene	ND		50.0	47.1		ug/L		94	56 - 146
m-Xylene & p-Xylene	ND		50.0	45.7		ug/L		91	47 - 150
Methyl tert-butyl ether	ND		50.0	53.0		ug/L		106	51 - 150
Methylene Chloride	ND		50.0	51.5		ug/L		103	43 - 150
Naphthalene	ND		50.0	41.0		ug/L		82	32 - 150
n-Butylbenzene	ND		50.0	48.4		ug/L		97	54 - 146
N-Propylbenzene	ND		50.0	47.0		ug/L		94	54 - 150
o-Xylene	ND		50.0	46.5		ug/L		93	52 - 150
4-Isopropyltoluene	ND		50.0	48.0		ug/L		96	53 - 147
sec-Butylbenzene	ND		50.0	47.5		ug/L		95	54 - 145
Styrene	ND		50.0	46.2		ug/L		92	20 - 150
tert-Butylbenzene	ND		50.0	47.8		ug/L		96	57 - 143
Tetrachloroethene	20		50.0	65.0		ug/L		89	37 - 150
Toluene	ND		50.0	47.7		ug/L		95	54 - 141
trans-1,2-Dichloroethene	ND		50.0	52.6		ug/L		105	58 - 140
trans-1,3-Dichloropropene	ND		50.0	48.9		ug/L		98	57 - 147
Trichloroethene	6.8		50.0	53.5		ug/L		93	58 - 134
Trichlorofluoromethane	ND		50.0	51.4		ug/L		103	46 - 150
Vinyl acetate	ND		50.0	57.2		ug/L		114	10 - 150
Vinyl chloride	ND	*+	50.0	56.5		ug/L		113	29 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-2 MS
Matrix: Water
Analysis Batch: 288639

Client Sample ID: R-34_D2_11-2022
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 550-193293-2 MSD
Matrix: Water
Analysis Batch: 288639

Client Sample ID: R-34_D2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	47.9		ug/L		96	62 - 139	1	35
1,1,1-Trichloroethane	ND		50.0	51.6		ug/L		103	57 - 143	1	35
1,1,2,2-Tetrachloroethane	ND		50.0	46.9		ug/L		94	52 - 150	3	35
1,1,2-Trichloroethane	ND		50.0	47.6		ug/L		95	62 - 137	2	35
1,1-Dichloroethane	ND		50.0	55.0		ug/L		110	58 - 145	2	35
1,1-Dichloroethene	ND		50.0	51.7		ug/L		103	50 - 150	2	35
1,1-Dichloropropene	ND		50.0	48.3		ug/L		97	50 - 142	1	35
1,2,3-Trichlorobenzene	ND		50.0	41.9		ug/L		84	52 - 144	6	35
1,2,3-Trichloropropane	ND		50.0	43.7		ug/L		87	59 - 138	3	35
1,2,4-Trichlorobenzene	ND		50.0	44.1		ug/L		88	54 - 140	5	35
1,2,4-Trimethylbenzene	ND		50.0	47.3		ug/L		95	41 - 150	0	35
1,2-Dibromo-3-Chloropropane	ND		50.0	47.1		ug/L		94	41 - 149	5	35
1,2-Dibromoethane	ND		50.0	47.7		ug/L		95	67 - 136	3	35
1,2-Dichlorobenzene	ND		50.0	45.0		ug/L		90	64 - 132	0	35
1,2-Dichloroethane	ND		50.0	47.1		ug/L		94	47 - 146	2	35
1,2-Dichloropropane	ND		50.0	50.2		ug/L		100	59 - 140	2	35
1,3,5-Trimethylbenzene	ND		50.0	45.1		ug/L		90	34 - 150	5	35
1,3-Dichlorobenzene	ND		50.0	46.1		ug/L		92	67 - 130	2	35
1,3-Dichloropropane	ND		50.0	48.2		ug/L		96	65 - 140	1	35
1,4-Dichlorobenzene	ND		50.0	45.5		ug/L		91	67 - 128	2	35
2,2-Dichloropropane	ND		50.0	54.2		ug/L		108	54 - 150	2	35
2-Butanone (MEK)	ND		50.0	55.7		ug/L		111	10 - 150	6	35
Methyl n-butyl ketone (MNBK)	ND		50.0	53.0		ug/L		106	37 - 150	4	35
4-Chlorotoluene	ND		50.0	45.6		ug/L		91	63 - 141	1	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	50.9		ug/L		102	41 - 150	4	35
Acetone	ND		50.0	47.1		ug/L		94	10 - 150	2	35
Benzene	ND		50.0	48.3		ug/L		97	54 - 142	0	35
Bromobenzene	ND		50.0	44.9		ug/L		90	67 - 132	2	35
Chlorobromomethane	ND		50.0	51.6		ug/L		103	55 - 147	3	35
Dichlorobromomethane	ND		50.0	49.0		ug/L		98	61 - 143	2	35
Bromoform	ND		50.0	39.6		ug/L		79	57 - 148	2	35
Bromomethane	ND		50.0	61.6		ug/L		123	56 - 149	0	35
Carbon disulfide	ND		50.0	59.8		ug/L		120	23 - 150	1	35
Carbon tetrachloride	ND		50.0	46.7		ug/L		93	51 - 143	0	35
Chlorobenzene	ND		50.0	46.7		ug/L		93	69 - 129	0	35
Chloroethane	ND		50.0	57.8		ug/L		116	41 - 150	1	35
Chloroform	ND		50.0	52.8		ug/L		106	60 - 148	2	35
Chloromethane	ND		50.0	60.0		ug/L		120	29 - 150	4	35
cis-1,2-Dichloroethene	ND		50.0	48.4		ug/L		97	57 - 139	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-2 MSD
Matrix: Water
Analysis Batch: 288639

Client Sample ID: R-34_D2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		50.0	49.9		ug/L		100	57 - 145	1	35
Chlorodibromomethane	ND		50.0	48.7		ug/L		97	61 - 143	2	35
Dibromomethane	ND		50.0	47.6		ug/L		95	56 - 148	2	35
Dichlorodifluoromethane	ND		50.0	53.8		ug/L		108	20 - 150	3	35
Ethylbenzene	ND		50.0	48.3		ug/L		97	46 - 149	1	35
Freon 113	ND		50.0	54.1		ug/L		108	10 - 150	1	35
Hexachlorobutadiene	ND		50.0	43.3		ug/L		87	48 - 146	2	35
Isopropylbenzene	ND		50.0	47.1		ug/L		94	56 - 146	0	35
m-Xylene & p-Xylene	ND		50.0	46.7		ug/L		93	47 - 150	2	35
Methyl tert-butyl ether	ND		50.0	55.6		ug/L		111	51 - 150	5	35
Methylene Chloride	ND		50.0	52.5		ug/L		105	43 - 150	2	35
Naphthalene	ND		50.0	43.1		ug/L		86	32 - 150	5	35
n-Butylbenzene	ND		50.0	49.2		ug/L		98	54 - 146	2	35
N-Propylbenzene	ND		50.0	46.7		ug/L		93	54 - 150	1	35
o-Xylene	ND		50.0	46.6		ug/L		93	52 - 150	0	35
4-Isopropyltoluene	ND		50.0	47.8		ug/L		96	53 - 147	1	35
sec-Butylbenzene	ND		50.0	46.9		ug/L		94	54 - 145	1	35
Styrene	ND		50.0	46.4		ug/L		93	20 - 150	0	35
tert-Butylbenzene	ND		50.0	46.2		ug/L		92	57 - 143	3	35
Tetrachloroethene	20		50.0	66.7		ug/L		93	37 - 150	3	35
Toluene	ND		50.0	48.1		ug/L		96	54 - 141	1	35
trans-1,2-Dichloroethene	ND		50.0	53.2		ug/L		106	58 - 140	1	35
trans-1,3-Dichloropropene	ND		50.0	50.5		ug/L		101	57 - 147	3	35
Trichloroethene	6.8		50.0	53.9		ug/L		94	58 - 134	1	35
Trichlorofluoromethane	ND		50.0	52.0		ug/L		104	46 - 150	1	35
Vinyl acetate	ND		50.0	59.4		ug/L		119	10 - 150	4	35
Vinyl chloride	ND	*+	50.0	57.8		ug/L		116	29 - 150	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: MB 550-288643/6
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/15/22 12:33	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/15/22 12:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/15/22 12:33	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/15/22 12:33	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/15/22 12:33	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/15/22 12:33	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/15/22 12:33	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/15/22 12:33	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/15/22 12:33	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/15/22 12:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288643/6
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 12:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/15/22 12:33	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/15/22 12:33	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/15/22 12:33	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/15/22 12:33	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/15/22 12:33	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/15/22 12:33	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/15/22 12:33	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/15/22 12:33	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/15/22 12:33	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/15/22 12:33	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/15/22 12:33	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/15/22 12:33	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/15/22 12:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/15/22 12:33	1
Acetone	ND		20	9.8	ug/L			11/15/22 12:33	1
Benzene	ND		2.0	0.52	ug/L			11/15/22 12:33	1
Bromobenzene	ND		5.0	0.49	ug/L			11/15/22 12:33	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/15/22 12:33	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/15/22 12:33	1
Bromoform	ND		5.0	0.64	ug/L			11/15/22 12:33	1
Bromomethane	ND		10	5.2	ug/L			11/15/22 12:33	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/15/22 12:33	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/15/22 12:33	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/15/22 12:33	1
Chloroethane	ND		5.0	0.62	ug/L			11/15/22 12:33	1
Chloroform	ND		2.0	0.48	ug/L			11/15/22 12:33	1
Chloromethane	ND		5.0	0.84	ug/L			11/15/22 12:33	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/15/22 12:33	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/15/22 12:33	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/15/22 12:33	1
Dibromomethane	ND		2.0	0.55	ug/L			11/15/22 12:33	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/15/22 12:33	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/15/22 12:33	1
Freon 113	ND		5.0	0.53	ug/L			11/15/22 12:33	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/15/22 12:33	1
Iodomethane	ND		2.0	0.53	ug/L			11/15/22 12:33	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/15/22 12:33	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/15/22 12:33	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/15/22 12:33	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/15/22 12:33	1
Naphthalene	ND		5.0	2.2	ug/L			11/15/22 12:33	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/15/22 12:33	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/15/22 12:33	1
o-Xylene	ND		5.0	0.47	ug/L			11/15/22 12:33	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/15/22 12:33	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/15/22 12:33	1
Styrene	ND		2.0	0.49	ug/L			11/15/22 12:33	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/15/22 12:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288643/6
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/15/22 12:33	1
Toluene	ND		2.0	0.49	ug/L			11/15/22 12:33	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/15/22 12:33	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/15/22 12:33	1
Trichloroethene	ND		2.0	0.54	ug/L			11/15/22 12:33	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/15/22 12:33	1
Vinyl acetate	ND		25	4.1	ug/L			11/15/22 12:33	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/15/22 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/15/22 12:33*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/15/22 12:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/15/22 12:33*	*1*

Lab Sample ID: LCS 550-288643/3
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/L		102	68 - 133
1,1,1-Trichloroethane	50.0	52.2		ug/L		104	62 - 134
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/L		105	60 - 135
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	69 - 130
1,1-Dichloroethane	50.0	50.8		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	51.4		ug/L		103	80 - 120
1,1-Dichloropropene	50.0	49.5		ug/L		99	63 - 130
1,2,3-Trichlorobenzene	50.0	47.5		ug/L		95	62 - 139
1,2,3-Trichloropropane	50.0	52.5		ug/L		105	67 - 130
1,2,4-Trichlorobenzene	50.0	47.3		ug/L		95	66 - 135
1,2,4-Trimethylbenzene	50.0	52.1		ug/L		104	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	50.1		ug/L		100	58 - 133
1,2-Dibromoethane	50.0	50.8		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130
1,2-Dichloroethane	50.0	50.2		ug/L		100	54 - 135
1,2-Dichloropropane	50.0	50.4		ug/L		101	80 - 120
1,3,5-Trimethylbenzene	50.0	54.0		ug/L		108	70 - 139
1,3-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
1,3-Dichloropropane	50.0	51.6		ug/L		103	69 - 130
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 130
2,2-Dichloropropane	50.0	51.7		ug/L		103	60 - 148
2-Butanone (MEK)	50.0	51.8		ug/L		104	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	54.7		ug/L		109	50 - 148
4-Chlorotoluene	50.0	51.6		ug/L		103	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	54.4		ug/L		109	56 - 141
Acetone	50.0	48.5		ug/L		97	11 - 150
Benzene	50.0	48.1		ug/L		96	67 - 130
Bromobenzene	50.0	53.6		ug/L		107	70 - 130
Chlorobromomethane	50.0	51.2		ug/L		102	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288643/3
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	50.4		ug/L		101	69 - 130
Bromoform	50.0	55.6		ug/L		111	67 - 140
Bromomethane	50.0	48.1		ug/L		96	10 - 150
Carbon disulfide	50.0	52.5		ug/L		105	36 - 150
Carbon tetrachloride	50.0	51.1		ug/L		102	60 - 134
Chlorobenzene	50.0	50.6		ug/L		101	70 - 130
Chloroethane	50.0	48.4		ug/L		97	57 - 150
Chloroform	50.0	50.0		ug/L		100	80 - 120
Chloromethane	50.0	46.2		ug/L		92	46 - 150
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	64 - 130
cis-1,3-Dichloropropene	50.0	51.9		ug/L		104	66 - 134
Chlorodibromomethane	50.0	51.7		ug/L		103	65 - 133
Dibromomethane	50.0	51.6		ug/L		103	65 - 130
Dichlorodifluoromethane	50.0	48.7		ug/L		97	29 - 150
Ethylbenzene	50.0	50.4		ug/L		101	80 - 120
Freon 113	50.0	49.1		ug/L		98	37 - 150
Hexachlorobutadiene	50.0	51.0		ug/L		102	58 - 134
Isopropylbenzene	50.0	53.2		ug/L		106	70 - 139
m-Xylene & p-Xylene	50.0	53.7		ug/L		107	67 - 137
Methyl tert-butyl ether	50.0	53.5		ug/L		107	59 - 139
Methylene Chloride	50.0	52.5		ug/L		105	55 - 136
Naphthalene	50.0	49.2		ug/L		98	64 - 135
n-Butylbenzene	50.0	51.4		ug/L		103	70 - 136
N-Propylbenzene	50.0	51.9		ug/L		104	66 - 142
o-Xylene	50.0	53.7		ug/L		107	68 - 136
4-Isopropyltoluene	50.0	52.8		ug/L		106	67 - 138
sec-Butylbenzene	50.0	52.8		ug/L		106	66 - 135
Styrene	50.0	54.6		ug/L		109	69 - 135
tert-Butylbenzene	50.0	55.0		ug/L		110	64 - 135
Tetrachloroethene	50.0	51.5		ug/L		103	63 - 131
Toluene	50.0	51.3		ug/L		103	71 - 123
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	65 - 132
trans-1,3-Dichloropropene	50.0	52.0		ug/L		104	66 - 136
Trichloroethene	50.0	50.5		ug/L		101	67 - 130
Trichlorofluoromethane	50.0	47.7		ug/L		95	62 - 147
Vinyl acetate	50.0	52.9		ug/L		106	51 - 150
Vinyl chloride	50.0	47.2		ug/L		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288643/4
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L		99	68 - 133	3	20
1,1,1-Trichloroethane	50.0	50.3		ug/L		101	62 - 134	4	20
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	60 - 135	7	20
1,1,2-Trichloroethane	50.0	49.8		ug/L		100	69 - 130	5	20
1,1-Dichloroethane	50.0	48.3		ug/L		97	65 - 132	5	20
1,1-Dichloroethene	50.0	48.4		ug/L		97	80 - 120	6	23
1,1-Dichloropropene	50.0	47.7		ug/L		95	63 - 130	4	20
1,2,3-Trichlorobenzene	50.0	46.0		ug/L		92	62 - 139	3	20
1,2,3-Trichloropropane	50.0	49.0		ug/L		98	67 - 130	7	20
1,2,4-Trichlorobenzene	50.0	46.3		ug/L		93	66 - 135	2	20
1,2,4-Trimethylbenzene	50.0	51.7		ug/L		103	70 - 134	1	20
1,2-Dibromo-3-Chloropropane	50.0	46.8		ug/L		94	58 - 133	7	21
1,2-Dibromoethane	50.0	48.3		ug/L		97	70 - 130	5	20
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130	2	20
1,2-Dichloroethane	50.0	47.9		ug/L		96	54 - 135	5	20
1,2-Dichloropropane	50.0	48.5		ug/L		97	80 - 120	4	20
1,3,5-Trimethylbenzene	50.0	52.5		ug/L		105	70 - 139	3	20
1,3-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 130	0	20
1,3-Dichloropropane	50.0	49.2		ug/L		98	69 - 130	5	20
1,4-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	1	20
2,2-Dichloropropane	50.0	49.5		ug/L		99	60 - 148	4	21
2-Butanone (MEK)	50.0	46.6		ug/L		93	50 - 150	11	34
Methyl n-butyl ketone (MNBK)	50.0	50.2		ug/L		100	50 - 148	9	29
4-Chlorotoluene	50.0	51.1		ug/L		102	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	50.0	48.5		ug/L		97	56 - 141	12	23
Acetone	50.0	43.8		ug/L		88	11 - 150	10	35
Benzene	50.0	47.3		ug/L		95	67 - 130	2	20
Bromobenzene	50.0	52.5		ug/L		105	70 - 130	2	20
Chlorobromomethane	50.0	49.2		ug/L		98	59 - 139	4	20
Dichlorobromomethane	50.0	48.5		ug/L		97	69 - 130	4	20
Bromoform	50.0	53.2		ug/L		106	67 - 140	4	20
Bromomethane	50.0	43.9		ug/L		88	10 - 150	9	31
Carbon disulfide	50.0	49.8		ug/L		100	36 - 150	5	26
Carbon tetrachloride	50.0	48.9		ug/L		98	60 - 134	4	20
Chlorobenzene	50.0	49.5		ug/L		99	70 - 130	2	20
Chloroethane	50.0	47.0		ug/L		94	57 - 150	3	29
Chloroform	50.0	48.6		ug/L		97	80 - 120	3	20
Chloromethane	50.0	45.4		ug/L		91	46 - 150	2	30
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	64 - 130	4	20
cis-1,3-Dichloropropene	50.0	50.5		ug/L		101	66 - 134	3	20
Chlorodibromomethane	50.0	49.5		ug/L		99	65 - 133	4	20
Dibromomethane	50.0	48.4		ug/L		97	65 - 130	6	20
Dichlorodifluoromethane	50.0	46.9		ug/L		94	29 - 150	4	30
Ethylbenzene	50.0	48.7		ug/L		97	80 - 120	3	20
Freon 113	50.0	47.7		ug/L		95	37 - 150	3	20
Hexachlorobutadiene	50.0	51.7		ug/L		103	58 - 134	1	20
Isopropylbenzene	50.0	52.4		ug/L		105	70 - 139	2	20
m-Xylene & p-Xylene	50.0	53.4		ug/L		107	67 - 137	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288643/4
Matrix: Water
Analysis Batch: 288643

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	49.4		ug/L		99	59 - 139	8	22
Methylene Chloride			50.0	49.2		ug/L		98	55 - 136	6	23
Naphthalene			50.0	46.8		ug/L		94	64 - 135	5	20
n-Butylbenzene			50.0	51.0		ug/L		102	70 - 136	1	20
N-Propylbenzene			50.0	51.4		ug/L		103	66 - 142	1	20
o-Xylene			50.0	52.5		ug/L		105	68 - 136	2	20
4-Isopropyltoluene			50.0	52.2		ug/L		104	67 - 138	1	20
sec-Butylbenzene			50.0	52.2		ug/L		104	66 - 135	1	20
Styrene			50.0	54.1		ug/L		108	69 - 135	1	20
tert-Butylbenzene			50.0	54.3		ug/L		109	64 - 135	1	20
Tetrachloroethene			50.0	50.1		ug/L		100	63 - 131	3	20
Toluene			50.0	50.2		ug/L		100	71 - 123	2	20
trans-1,2-Dichloroethene			50.0	49.4		ug/L		99	65 - 132	5	20
trans-1,3-Dichloropropene			50.0	50.7		ug/L		101	66 - 136	2	20
Trichloroethene			50.0	48.6		ug/L		97	67 - 130	4	20
Trichlorofluoromethane			50.0	46.9		ug/L		94	62 - 147	2	22
Vinyl acetate			50.0	49.4		ug/L		99	51 - 150	7	29
Vinyl chloride			50.0	45.2		ug/L		90	80 - 120	4	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 550-193293-7 MS
Matrix: Water
Analysis Batch: 288643

Client Sample ID: R-34_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	50.4		ug/L		101	62 - 139
1,1,1-Trichloroethane	ND		50.0	51.8		ug/L		104	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	50.9		ug/L		102	52 - 150
1,1,2-Trichloroethane	ND		50.0	51.2		ug/L		102	62 - 137
1,1-Dichloroethane	ND		50.0	50.1		ug/L		100	58 - 145
1,1-Dichloroethene	ND		50.0	50.9		ug/L		102	50 - 150
1,1-Dichloropropene	ND		50.0	49.0		ug/L		98	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	45.7		ug/L		91	52 - 144
1,2,3-Trichloropropane	ND		50.0	50.8		ug/L		102	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	45.9		ug/L		92	54 - 140
1,2,4-Trimethylbenzene	ND		50.0	50.8		ug/L		102	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	50.1		ug/L		100	41 - 149
1,2-Dibromoethane	ND		50.0	50.0		ug/L		100	67 - 136
1,2-Dichlorobenzene	ND		50.0	48.7		ug/L		97	64 - 132
1,2-Dichloroethane	ND		50.0	48.0		ug/L		96	47 - 146
1,2-Dichloropropane	ND		50.0	48.9		ug/L		98	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	51.5		ug/L		103	34 - 150
1,3-Dichlorobenzene	ND		50.0	49.9		ug/L		100	67 - 130
1,3-Dichloropropane	ND		50.0	50.8		ug/L		102	65 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-7 MS
Matrix: Water
Analysis Batch: 288643

Client Sample ID: R-34_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	ND		50.0	48.6		ug/L		97	67 - 128
2,2-Dichloropropane	ND		50.0	52.5		ug/L		105	54 - 150
2-Butanone (MEK)	ND		50.0	52.3		ug/L		105	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	53.0		ug/L		106	37 - 150
4-Chlorotoluene	ND		50.0	51.2		ug/L		102	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	52.0		ug/L		104	41 - 150
Acetone	ND		50.0	44.2		ug/L		88	10 - 150
Benzene	ND		50.0	47.8		ug/L		96	54 - 142
Bromobenzene	ND		50.0	52.0		ug/L		104	67 - 132
Chlorobromomethane	ND		50.0	49.6		ug/L		99	55 - 147
Dichlorobromomethane	ND		50.0	49.0		ug/L		98	61 - 143
Bromoform	ND		50.0	56.0		ug/L		112	57 - 148
Bromomethane	ND		50.0	48.8		ug/L		98	56 - 149
Carbon disulfide	ND		50.0	52.9		ug/L		106	23 - 150
Carbon tetrachloride	ND		50.0	49.8		ug/L		100	51 - 143
Chlorobenzene	ND		50.0	50.5		ug/L		101	69 - 129
Chloroethane	ND		50.0	49.5		ug/L		99	41 - 150
Chloroform	ND		50.0	49.6		ug/L		99	60 - 148
Chloromethane	ND		50.0	49.5		ug/L		99	29 - 150
cis-1,2-Dichloroethene	1.8	J	50.0	48.9		ug/L		94	57 - 139
cis-1,3-Dichloropropene	ND		50.0	51.3		ug/L		103	57 - 145
Chlorodibromomethane	ND		50.0	51.2		ug/L		102	61 - 143
Dibromomethane	ND		50.0	49.7		ug/L		99	56 - 148
Dichlorodifluoromethane	ND		50.0	51.5		ug/L		103	20 - 150
Ethylbenzene	ND		50.0	49.6		ug/L		99	46 - 149
Freon 113	ND		50.0	50.4		ug/L		101	10 - 150
Hexachlorobutadiene	ND		50.0	50.4		ug/L		101	48 - 146
Isopropylbenzene	ND		50.0	51.8		ug/L		104	56 - 146
m-Xylene & p-Xylene	ND		50.0	52.6		ug/L		105	47 - 150
Methyl tert-butyl ether	ND		50.0	51.5		ug/L		103	51 - 150
Methylene Chloride	ND		50.0	51.3		ug/L		103	43 - 150
Naphthalene	ND		50.0	46.7		ug/L		93	32 - 150
n-Butylbenzene	ND		50.0	51.2		ug/L		102	54 - 146
N-Propylbenzene	ND		50.0	50.9		ug/L		102	54 - 150
o-Xylene	ND		50.0	51.7		ug/L		103	52 - 150
4-Isopropyltoluene	ND		50.0	52.1		ug/L		104	53 - 147
sec-Butylbenzene	ND		50.0	51.6		ug/L		103	54 - 145
Styrene	ND		50.0	53.3		ug/L		107	20 - 150
tert-Butylbenzene	ND		50.0	53.0		ug/L		106	57 - 143
Tetrachloroethene	56		50.0	105	E	ug/L		98	37 - 150
Toluene	ND		50.0	50.6		ug/L		101	54 - 141
trans-1,2-Dichloroethene	0.60	J	50.0	52.4		ug/L		104	58 - 140
trans-1,3-Dichloropropene	ND		50.0	51.6		ug/L		103	57 - 147
Trichloroethene	17		50.0	64.2		ug/L		95	58 - 134
Trichlorofluoromethane	ND		50.0	50.0		ug/L		100	46 - 150
Vinyl acetate	ND		50.0	59.0		ug/L		118	10 - 150
Vinyl chloride	ND		50.0	49.2		ug/L		98	29 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-7 MS
Matrix: Water
Analysis Batch: 288643

Client Sample ID: R-34_I2_11-2022
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 550-193293-7 MSD
Matrix: Water
Analysis Batch: 288643

Client Sample ID: R-34_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	50.7		ug/L		101	62 - 139	1	35
1,1,1-Trichloroethane	ND		50.0	53.8		ug/L		108	57 - 143	4	35
1,1,2,2-Tetrachloroethane	ND		50.0	50.1		ug/L		100	52 - 150	2	35
1,1,2-Trichloroethane	ND		50.0	50.4		ug/L		101	62 - 137	2	35
1,1-Dichloroethane	ND		50.0	51.8		ug/L		104	58 - 145	3	35
1,1-Dichloroethene	ND		50.0	53.4		ug/L		107	50 - 150	5	35
1,1-Dichloropropene	ND		50.0	51.2		ug/L		102	50 - 142	5	35
1,2,3-Trichlorobenzene	ND		50.0	48.4		ug/L		97	52 - 144	6	35
1,2,3-Trichloropropane	ND		50.0	49.3		ug/L		99	59 - 138	3	35
1,2,4-Trichlorobenzene	ND		50.0	49.0		ug/L		98	54 - 140	6	35
1,2,4-Trimethylbenzene	ND		50.0	53.1		ug/L		106	41 - 150	4	35
1,2-Dibromo-3-Chloropropane	ND		50.0	48.9		ug/L		98	41 - 149	2	35
1,2-Dibromoethane	ND		50.0	49.3		ug/L		99	67 - 136	2	35
1,2-Dichlorobenzene	ND		50.0	49.5		ug/L		99	64 - 132	2	35
1,2-Dichloroethane	ND		50.0	49.8		ug/L		100	47 - 146	4	35
1,2-Dichloropropane	ND		50.0	49.5		ug/L		99	59 - 140	1	35
1,3,5-Trimethylbenzene	ND		50.0	54.5		ug/L		109	34 - 150	6	35
1,3-Dichlorobenzene	ND		50.0	50.9		ug/L		102	67 - 130	2	35
1,3-Dichloropropane	ND		50.0	50.1		ug/L		100	65 - 140	2	35
1,4-Dichlorobenzene	ND		50.0	49.7		ug/L		99	67 - 128	2	35
2,2-Dichloropropane	ND		50.0	54.7		ug/L		109	54 - 150	4	35
2-Butanone (MEK)	ND		50.0	47.2		ug/L		94	10 - 150	10	35
Methyl n-butyl ketone (MNBK)	ND		50.0	49.1		ug/L		98	37 - 150	8	35
4-Chlorotoluene	ND		50.0	52.3		ug/L		105	63 - 141	2	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	49.6		ug/L		99	41 - 150	5	35
Acetone	ND		50.0	42.2		ug/L		84	10 - 150	5	35
Benzene	ND		50.0	49.0		ug/L		98	54 - 142	3	35
Bromobenzene	ND		50.0	52.4		ug/L		105	67 - 132	1	35
Chlorobromomethane	ND		50.0	51.0		ug/L		102	55 - 147	3	35
Dichlorobromomethane	ND		50.0	50.1		ug/L		100	61 - 143	2	35
Bromoform	ND		50.0	53.2		ug/L		106	57 - 148	5	35
Bromomethane	ND		50.0	59.6		ug/L		119	56 - 149	20	35
Carbon disulfide	ND		50.0	55.4		ug/L		111	23 - 150	5	35
Carbon tetrachloride	ND		50.0	53.1		ug/L		106	51 - 143	6	35
Chlorobenzene	ND		50.0	51.1		ug/L		102	69 - 129	1	35
Chloroethane	ND		50.0	53.3		ug/L		107	41 - 150	7	35
Chloroform	ND		50.0	50.9		ug/L		102	60 - 148	2	35
Chloromethane	ND		50.0	50.9		ug/L		102	29 - 150	3	35
cis-1,2-Dichloroethene	1.8	J	50.0	51.8		ug/L		100	57 - 139	6	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-7 MSD
Matrix: Water
Analysis Batch: 288643

Client Sample ID: R-34_I2_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		50.0	51.1		ug/L		102	57 - 145	0	35
Chlorodibromomethane	ND		50.0	50.6		ug/L		101	61 - 143	1	35
Dibromomethane	ND		50.0	50.1		ug/L		100	56 - 148	1	35
Dichlorodifluoromethane	ND		50.0	52.9		ug/L		106	20 - 150	3	35
Ethylbenzene	ND		50.0	51.4		ug/L		103	46 - 149	4	35
Freon 113	ND		50.0	53.8		ug/L		108	10 - 150	7	35
Hexachlorobutadiene	ND		50.0	50.6		ug/L		101	48 - 146	0	35
Isopropylbenzene	ND		50.0	54.0		ug/L		108	56 - 146	4	35
m-Xylene & p-Xylene	ND		50.0	54.3		ug/L		109	47 - 150	3	35
Methyl tert-butyl ether	ND		50.0	50.0		ug/L		100	51 - 150	3	35
Methylene Chloride	ND		50.0	51.6		ug/L		103	43 - 150	1	35
Naphthalene	ND		50.0	48.9		ug/L		98	32 - 150	5	35
n-Butylbenzene	ND		50.0	54.1		ug/L		108	54 - 146	6	35
N-Propylbenzene	ND		50.0	53.3		ug/L		107	54 - 150	5	35
o-Xylene	ND		50.0	52.9		ug/L		106	52 - 150	2	35
4-Isopropyltoluene	ND		50.0	54.7		ug/L		109	53 - 147	5	35
sec-Butylbenzene	ND		50.0	54.3		ug/L		109	54 - 145	5	35
Styrene	ND		50.0	54.0		ug/L		108	20 - 150	1	35
tert-Butylbenzene	ND		50.0	56.0		ug/L		112	57 - 143	5	35
Tetrachloroethene	56		50.0	111	E	ug/L		109	37 - 150	5	35
Toluene	ND		50.0	52.2		ug/L		104	54 - 141	3	35
trans-1,2-Dichloroethene	0.60	J	50.0	53.8		ug/L		106	58 - 140	3	35
trans-1,3-Dichloropropene	ND		50.0	52.1		ug/L		104	57 - 147	1	35
Trichloroethene	17		50.0	67.5		ug/L		102	58 - 134	5	35
Trichlorofluoromethane	ND		50.0	51.8		ug/L		104	46 - 150	4	35
Vinyl acetate	ND		50.0	57.0		ug/L		114	10 - 150	3	35
Vinyl chloride	ND		50.0	50.7		ug/L		101	29 - 150	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 550-288760/6
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/16/22 11:58	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/16/22 11:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/16/22 11:58	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/16/22 11:58	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/16/22 11:58	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/16/22 11:58	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/16/22 11:58	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/16/22 11:58	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/16/22 11:58	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/16/22 11:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288760/6
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/16/22 11:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/16/22 11:58	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/16/22 11:58	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/16/22 11:58	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/16/22 11:58	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/16/22 11:58	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/16/22 11:58	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/16/22 11:58	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/16/22 11:58	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/16/22 11:58	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/16/22 11:58	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/16/22 11:58	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/16/22 11:58	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/16/22 11:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/16/22 11:58	1
Acetone	ND		20	9.8	ug/L			11/16/22 11:58	1
Benzene	ND		2.0	0.52	ug/L			11/16/22 11:58	1
Bromobenzene	ND		5.0	0.49	ug/L			11/16/22 11:58	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/16/22 11:58	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/16/22 11:58	1
Bromoform	ND		5.0	0.64	ug/L			11/16/22 11:58	1
Bromomethane	ND		10	5.2	ug/L			11/16/22 11:58	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/16/22 11:58	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/16/22 11:58	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/16/22 11:58	1
Chloroethane	ND		5.0	0.62	ug/L			11/16/22 11:58	1
Chloroform	ND		2.0	0.48	ug/L			11/16/22 11:58	1
Chloromethane	ND		5.0	0.84	ug/L			11/16/22 11:58	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/16/22 11:58	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/16/22 11:58	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/16/22 11:58	1
Dibromomethane	ND		2.0	0.55	ug/L			11/16/22 11:58	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/16/22 11:58	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/16/22 11:58	1
Freon 113	ND		5.0	0.53	ug/L			11/16/22 11:58	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/16/22 11:58	1
Iodomethane	ND		2.0	0.53	ug/L			11/16/22 11:58	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/16/22 11:58	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/16/22 11:58	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/16/22 11:58	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/16/22 11:58	1
Naphthalene	ND		5.0	2.2	ug/L			11/16/22 11:58	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/16/22 11:58	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/16/22 11:58	1
o-Xylene	ND		5.0	0.47	ug/L			11/16/22 11:58	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/16/22 11:58	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/16/22 11:58	1
Styrene	ND		2.0	0.49	ug/L			11/16/22 11:58	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/16/22 11:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288760/6
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/16/22 11:58	1
Toluene	ND		2.0	0.49	ug/L			11/16/22 11:58	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/16/22 11:58	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/16/22 11:58	1
Trichloroethene	ND		2.0	0.54	ug/L			11/16/22 11:58	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/16/22 11:58	1
Vinyl acetate	ND		25	4.1	ug/L			11/16/22 11:58	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/16/22 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/16/22 11:58*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/16/22 11:58*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/16/22 11:58*	*1*

Lab Sample ID: LCS 550-288760/1002
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.4		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	51.2		ug/L		102	62 - 134
1,1,2,2-Tetrachloroethane	50.0	43.1		ug/L		86	60 - 135
1,1,2-Trichloroethane	50.0	43.4		ug/L		87	69 - 130
1,1-Dichloroethane	50.0	51.5		ug/L		103	65 - 132
1,1-Dichloroethene	50.0	51.6		ug/L		103	80 - 120
1,1-Dichloropropene	50.0	49.2		ug/L		98	63 - 130
1,2,3-Trichlorobenzene	50.0	45.3		ug/L		91	62 - 139
1,2,3-Trichloropropane	50.0	41.3		ug/L		83	67 - 130
1,2,4-Trichlorobenzene	50.0	47.2		ug/L		94	66 - 135
1,2,4-Trimethylbenzene	50.0	46.9		ug/L		94	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/L		95	58 - 133
1,2-Dibromoethane	50.0	44.7		ug/L		89	70 - 130
1,2-Dichlorobenzene	50.0	42.5		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	43.4		ug/L		87	54 - 135
1,2-Dichloropropane	50.0	46.4		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	48.5		ug/L		97	70 - 139
1,3-Dichlorobenzene	50.0	44.0		ug/L		88	70 - 130
1,3-Dichloropropane	50.0	44.2		ug/L		88	69 - 130
1,4-Dichlorobenzene	50.0	43.7		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	55.2		ug/L		110	60 - 148
2-Butanone (MEK)	50.0	51.7		ug/L		103	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	44.4		ug/L		89	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	50.4		ug/L		101	56 - 141
Acetone	50.0	48.2		ug/L		96	11 - 150
Benzene	50.0	46.5		ug/L		93	67 - 130
Bromobenzene	50.0	42.5		ug/L		85	70 - 130
Chlorobromomethane	50.0	47.6		ug/L		95	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288760/1002
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	45.4		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	52.4		ug/L		105	10 - 150
Carbon disulfide	50.0	59.1		ug/L		118	36 - 150
Carbon tetrachloride	50.0	48.4		ug/L		97	60 - 134
Chlorobenzene	50.0	44.1		ug/L		88	70 - 130
Chloroethane	50.0	56.6		ug/L		113	57 - 150
Chloroform	50.0	48.9		ug/L		98	80 - 120
Chloromethane	50.0	48.7		ug/L		97	46 - 150
cis-1,2-Dichloroethene	50.0	46.4		ug/L		93	64 - 130
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.1		ug/L		90	65 - 133
Dibromomethane	50.0	44.5		ug/L		89	65 - 130
Dichlorodifluoromethane	50.0	50.3		ug/L		101	29 - 150
Ethylbenzene	50.0	47.0		ug/L		94	80 - 120
Freon 113	50.0	53.4		ug/L		107	37 - 150
Hexachlorobutadiene	50.0	52.7		ug/L		105	58 - 134
Isopropylbenzene	50.0	48.0		ug/L		96	70 - 139
m-Xylene & p-Xylene	50.0	46.6		ug/L		93	67 - 137
Methyl tert-butyl ether	50.0	48.2		ug/L		96	59 - 139
Methylene Chloride	50.0	48.5		ug/L		97	55 - 136
Naphthalene	50.0	44.6		ug/L		89	64 - 135
n-Butylbenzene	50.0	52.6		ug/L		105	70 - 136
N-Propylbenzene	50.0	48.2		ug/L		96	66 - 142
o-Xylene	50.0	45.7		ug/L		91	68 - 136
4-Isopropyltoluene	50.0	49.6		ug/L		99	67 - 138
sec-Butylbenzene	50.0	49.2		ug/L		98	66 - 135
Styrene	50.0	45.1		ug/L		90	69 - 135
tert-Butylbenzene	50.0	48.2		ug/L		96	64 - 135
Tetrachloroethene	50.0	47.2		ug/L		94	63 - 131
Toluene	50.0	46.8		ug/L		94	71 - 123
trans-1,2-Dichloroethene	50.0	51.5		ug/L		103	65 - 132
trans-1,3-Dichloropropene	50.0	48.4		ug/L		97	66 - 136
Trichloroethene	50.0	47.2		ug/L		94	67 - 130
Trichlorofluoromethane	50.0	54.5		ug/L		109	62 - 147
Vinyl acetate	50.0	55.4		ug/L		111	51 - 150
Vinyl chloride	50.0	62.2	*+	ug/L		124	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288760/4
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	44.3		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane	50.0	51.0		ug/L		102	62 - 134	0	20
1,1,2,2-Tetrachloroethane	50.0	43.7		ug/L		87	60 - 135	1	20
1,1,2-Trichloroethane	50.0	44.7		ug/L		89	69 - 130	3	20
1,1-Dichloroethane	50.0	51.6		ug/L		103	65 - 132	0	20
1,1-Dichloroethene	50.0	51.0		ug/L		102	80 - 120	1	23
1,1-Dichloropropene	50.0	47.2		ug/L		94	63 - 130	4	20
1,2,3-Trichlorobenzene	50.0	43.5		ug/L		87	62 - 139	4	20
1,2,3-Trichloropropane	50.0	42.0		ug/L		84	67 - 130	2	20
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	66 - 135	3	20
1,2,4-Trimethylbenzene	50.0	46.7		ug/L		93	70 - 134	0	20
1,2-Dibromo-3-Chloropropane	50.0	46.5		ug/L		93	58 - 133	2	21
1,2-Dibromoethane	50.0	46.0		ug/L		92	70 - 130	3	20
1,2-Dichlorobenzene	50.0	42.3		ug/L		85	70 - 130	1	20
1,2-Dichloroethane	50.0	43.7		ug/L		87	54 - 135	1	20
1,2-Dichloropropane	50.0	45.9		ug/L		92	80 - 120	1	20
1,3,5-Trimethylbenzene	50.0	46.4		ug/L		93	70 - 139	4	20
1,3-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 130	1	20
1,3-Dichloropropane	50.0	45.6		ug/L		91	69 - 130	3	20
1,4-Dichlorobenzene	50.0	43.6		ug/L		87	70 - 130	0	20
2,2-Dichloropropane	50.0	54.3		ug/L		109	60 - 148	2	21
2-Butanone (MEK)	50.0	56.0		ug/L		112	50 - 150	8	34
Methyl n-butyl ketone (MNBK)	50.0	54.7		ug/L		109	50 - 148	3	29
4-Chlorotoluene	50.0	45.3		ug/L		91	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	50.0	51.7		ug/L		103	56 - 141	3	23
Acetone	50.0	48.7		ug/L		97	11 - 150	1	35
Benzene	50.0	45.1		ug/L		90	67 - 130	3	20
Bromobenzene	50.0	42.5		ug/L		85	70 - 130	0	20
Chlorobromomethane	50.0	48.5		ug/L		97	59 - 139	2	20
Dichlorobromomethane	50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform	50.0	38.8		ug/L		78	67 - 140	1	20
Bromomethane	50.0	50.5		ug/L		101	10 - 150	4	31
Carbon disulfide	50.0	58.2		ug/L		116	36 - 150	1	26
Carbon tetrachloride	50.0	46.4		ug/L		93	60 - 134	4	20
Chlorobenzene	50.0	44.4		ug/L		89	70 - 130	1	20
Chloroethane	50.0	57.5		ug/L		115	57 - 150	2	29
Chloroform	50.0	49.6		ug/L		99	80 - 120	2	20
Chloromethane	50.0	47.3		ug/L		95	46 - 150	3	30
cis-1,2-Dichloroethene	50.0	44.8		ug/L		90	64 - 130	4	20
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134	1	20
Chlorodibromomethane	50.0	45.9		ug/L		92	65 - 133	2	20
Dibromomethane	50.0	44.5		ug/L		89	65 - 130	0	20
Dichlorodifluoromethane	50.0	48.1		ug/L		96	29 - 150	5	30
Ethylbenzene	50.0	46.8		ug/L		94	80 - 120	0	20
Freon 113	50.0	53.1		ug/L		106	37 - 150	1	20
Hexachlorobutadiene	50.0	51.6		ug/L		103	58 - 134	2	20
Isopropylbenzene	50.0	47.2		ug/L		94	70 - 139	2	20
m-Xylene & p-Xylene	50.0	45.6		ug/L		91	67 - 137	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288760/4
Matrix: Water
Analysis Batch: 288760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	50.3		ug/L		101	59 - 139	4	22
Methylene Chloride			50.0	48.7		ug/L		97	55 - 136	1	23
Naphthalene			50.0	44.1		ug/L		88	64 - 135	1	20
n-Butylbenzene			50.0	52.1		ug/L		104	70 - 136	1	20
N-Propylbenzene			50.0	48.1		ug/L		96	66 - 142	0	20
o-Xylene			50.0	45.4		ug/L		91	68 - 136	1	20
4-Isopropyltoluene			50.0	50.4		ug/L		101	67 - 138	1	20
sec-Butylbenzene			50.0	49.4		ug/L		99	66 - 135	0	20
Styrene			50.0	45.0		ug/L		90	69 - 135	0	20
tert-Butylbenzene			50.0	48.8		ug/L		98	64 - 135	1	20
Tetrachloroethene			50.0	46.8		ug/L		94	63 - 131	1	20
Toluene			50.0	45.9		ug/L		92	71 - 123	2	20
trans-1,2-Dichloroethene			50.0	51.1		ug/L		102	65 - 132	1	20
trans-1,3-Dichloropropene			50.0	48.9		ug/L		98	66 - 136	1	20
Trichloroethene			50.0	46.1		ug/L		92	67 - 130	2	20
Trichlorofluoromethane			50.0	53.9		ug/L		108	62 - 147	1	22
Vinyl acetate			50.0	58.6		ug/L		117	51 - 150	6	29
Vinyl chloride			50.0	60.6	*+	ug/L		121	80 - 120	3	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: MB 550-288833/6
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/17/22 08:38	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/17/22 08:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/17/22 08:38	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/17/22 08:38	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/17/22 08:38	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/17/22 08:38	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/17/22 08:38	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/17/22 08:38	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/17/22 08:38	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/17/22 08:38	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 08:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/17/22 08:38	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/17/22 08:38	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/17/22 08:38	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/17/22 08:38	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/17/22 08:38	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/17/22 08:38	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/17/22 08:38	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/17/22 08:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288833/6
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/17/22 08:38	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/17/22 08:38	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/17/22 08:38	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/17/22 08:38	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/17/22 08:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/17/22 08:38	1
Acetone	32.0		20	9.8	ug/L			11/17/22 08:38	1
Benzene	ND		2.0	0.52	ug/L			11/17/22 08:38	1
Bromobenzene	ND		5.0	0.49	ug/L			11/17/22 08:38	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/17/22 08:38	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/17/22 08:38	1
Bromoform	ND		5.0	0.64	ug/L			11/17/22 08:38	1
Bromomethane	ND		10	5.2	ug/L			11/17/22 08:38	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/17/22 08:38	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/17/22 08:38	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/17/22 08:38	1
Chloroethane	ND		5.0	0.62	ug/L			11/17/22 08:38	1
Chloroform	ND		2.0	0.48	ug/L			11/17/22 08:38	1
Chloromethane	ND		5.0	0.84	ug/L			11/17/22 08:38	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/17/22 08:38	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/17/22 08:38	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/17/22 08:38	1
Dibromomethane	ND		2.0	0.55	ug/L			11/17/22 08:38	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/17/22 08:38	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/17/22 08:38	1
Freon 113	ND		5.0	0.53	ug/L			11/17/22 08:38	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/17/22 08:38	1
Iodomethane	ND		2.0	0.53	ug/L			11/17/22 08:38	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/17/22 08:38	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/17/22 08:38	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/17/22 08:38	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/17/22 08:38	1
Naphthalene	ND		5.0	2.2	ug/L			11/17/22 08:38	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/17/22 08:38	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/17/22 08:38	1
o-Xylene	ND		5.0	0.47	ug/L			11/17/22 08:38	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/17/22 08:38	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/17/22 08:38	1
Styrene	ND		2.0	0.49	ug/L			11/17/22 08:38	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/17/22 08:38	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/17/22 08:38	1
Toluene	ND		2.0	0.49	ug/L			11/17/22 08:38	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/17/22 08:38	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/17/22 08:38	1
Trichloroethene	ND		2.0	0.54	ug/L			11/17/22 08:38	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/17/22 08:38	1
Vinyl acetate	ND		25	4.1	ug/L			11/17/22 08:38	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/17/22 08:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288833/6
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/17/22 08:38*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/17/22 08:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/17/22 08:38*	*1*

Lab Sample ID: LCS 550-288833/3
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L		104	68 - 133
1,1,1-Trichloroethane	50.0	52.9		ug/L		106	62 - 134
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100	60 - 135
1,1,2-Trichloroethane	50.0	50.5		ug/L		101	69 - 130
1,1-Dichloroethane	50.0	49.2		ug/L		98	65 - 132
1,1-Dichloroethene	50.0	51.8		ug/L		104	80 - 120
1,1-Dichloropropene	50.0	46.9		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	52.1		ug/L		104	62 - 139
1,2,3-Trichloropropane	50.0	49.5		ug/L		99	67 - 130
1,2,4-Trichlorobenzene	50.0	49.7		ug/L		99	66 - 135
1,2,4-Trimethylbenzene	50.0	51.9		ug/L		104	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	49.4		ug/L		99	58 - 133
1,2-Dibromoethane	50.0	49.2		ug/L		98	70 - 130
1,2-Dichlorobenzene	50.0	50.4		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	47.7		ug/L		95	54 - 135
1,2-Dichloropropane	50.0	48.6		ug/L		97	80 - 120
1,3,5-Trimethylbenzene	50.0	53.3		ug/L		107	70 - 139
1,3-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130
1,3-Dichloropropane	50.0	49.9		ug/L		100	69 - 130
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 130
2,2-Dichloropropane	50.0	49.4		ug/L		99	60 - 148
2-Butanone (MEK)	50.0	51.0		ug/L		102	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	48.5		ug/L		97	50 - 148
4-Chlorotoluene	50.0	49.6		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	49.5		ug/L		99	56 - 141
Acetone	50.0	71.0		ug/L		142	11 - 150
Benzene	50.0	47.1		ug/L		94	67 - 130
Bromobenzene	50.0	53.3		ug/L		107	70 - 130
Chlorobromomethane	50.0	50.7		ug/L		101	59 - 139
Dichlorobromomethane	50.0	48.2		ug/L		96	69 - 130
Bromoform	50.0	53.7		ug/L		107	67 - 140
Bromomethane	50.0	68.7		ug/L		137	10 - 150
Carbon disulfide	50.0	54.3		ug/L		109	36 - 150
Carbon tetrachloride	50.0	50.1		ug/L		100	60 - 134
Chlorobenzene	50.0	49.1		ug/L		98	70 - 130
Chloroethane	50.0	53.0		ug/L		106	57 - 150
Chloroform	50.0	49.3		ug/L		99	80 - 120
Chloromethane	50.0	44.6		ug/L		89	46 - 150
cis-1,2-Dichloroethene	50.0	46.9		ug/L		94	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288833/3
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	50.0	49.3		ug/L		99	66 - 134
Chlorodibromomethane	50.0	50.5		ug/L		101	65 - 133
Dibromomethane	50.0	49.4		ug/L		99	65 - 130
Dichlorodifluoromethane	50.0	47.5		ug/L		95	29 - 150
Ethylbenzene	50.0	48.2		ug/L		96	80 - 120
Freon 113	50.0	53.5		ug/L		107	37 - 150
Hexachlorobutadiene	50.0	53.3		ug/L		107	58 - 134
Isopropylbenzene	50.0	52.9		ug/L		106	70 - 139
m-Xylene & p-Xylene	50.0	52.3		ug/L		105	67 - 137
Methyl tert-butyl ether	50.0	52.8		ug/L		106	59 - 139
Methylene Chloride	50.0	52.9		ug/L		106	55 - 136
Naphthalene	50.0	53.0		ug/L		106	64 - 135
n-Butylbenzene	50.0	49.0		ug/L		98	70 - 136
N-Propylbenzene	50.0	49.9		ug/L		100	66 - 142
o-Xylene	50.0	52.2		ug/L		104	68 - 136
4-Isopropyltoluene	50.0	52.6		ug/L		105	67 - 138
sec-Butylbenzene	50.0	53.2		ug/L		106	66 - 135
Styrene	50.0	53.2		ug/L		106	69 - 135
tert-Butylbenzene	50.0	55.8		ug/L		112	64 - 135
Tetrachloroethene	50.0	50.1		ug/L		100	63 - 131
Toluene	50.0	49.7		ug/L		99	71 - 123
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	65 - 132
trans-1,3-Dichloropropene	50.0	49.3		ug/L		99	66 - 136
Trichloroethene	50.0	48.1		ug/L		96	67 - 130
Trichlorofluoromethane	50.0	52.7		ug/L		105	62 - 147
Vinyl acetate	50.0	48.3		ug/L		97	51 - 150
Vinyl chloride	50.0	58.3		ug/L		117	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 550-288833/4
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/L		105	68 - 133	1	20
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	62 - 134	3	20
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L		97	60 - 135	3	20
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	69 - 130	2	20
1,1-Dichloroethane	50.0	49.6		ug/L		99	65 - 132	1	20
1,1-Dichloroethene	50.0	52.5		ug/L		105	80 - 120	1	23
1,1-Dichloropropene	50.0	45.8		ug/L		92	63 - 130	2	20
1,2,3-Trichlorobenzene	50.0	53.0		ug/L		106	62 - 139	2	20
1,2,3-Trichloropropane	50.0	48.0		ug/L		96	67 - 130	3	20
1,2,4-Trichlorobenzene	50.0	49.4		ug/L		99	66 - 135	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288833/4
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			50.0	50.4		ug/L		101	70 - 134	3	20
1,2-Dibromo-3-Chloropropane			50.0	49.7		ug/L		99	58 - 133	1	21
1,2-Dibromoethane			50.0	51.1		ug/L		102	70 - 130	4	20
1,2-Dichlorobenzene			50.0	50.8		ug/L		102	70 - 130	1	20
1,2-Dichloroethane			50.0	47.3		ug/L		95	54 - 135	1	20
1,2-Dichloropropane			50.0	49.0		ug/L		98	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	51.0		ug/L		102	70 - 139	4	20
1,3-Dichlorobenzene			50.0	49.7		ug/L		99	70 - 130	1	20
1,3-Dichloropropane			50.0	51.1		ug/L		102	69 - 130	2	20
1,4-Dichlorobenzene			50.0	49.1		ug/L		98	70 - 130	2	20
2,2-Dichloropropane			50.0	51.5		ug/L		103	60 - 148	4	21
2-Butanone (MEK)			50.0	52.4		ug/L		105	50 - 150	3	34
Methyl n-butyl ketone (MNBK)			50.0	52.4		ug/L		105	50 - 148	8	29
4-Chlorotoluene			50.0	48.6		ug/L		97	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)			50.0	51.3		ug/L		103	56 - 141	4	23
Acetone			50.0	65.1		ug/L		130	11 - 150	9	35
Benzene			50.0	46.6		ug/L		93	67 - 130	1	20
Bromobenzene			50.0	51.5		ug/L		103	70 - 130	3	20
Chlorobromomethane			50.0	50.9		ug/L		102	59 - 139	0	20
Dichlorobromomethane			50.0	48.1		ug/L		96	69 - 130	0	20
Bromoform			50.0	52.4		ug/L		105	67 - 140	2	20
Bromomethane			50.0	75.3	*+	ug/L		151	10 - 150	9	31
Carbon disulfide			50.0	55.0		ug/L		110	36 - 150	1	26
Carbon tetrachloride			50.0	50.1		ug/L		100	60 - 134	0	20
Chlorobenzene			50.0	50.6		ug/L		101	70 - 130	3	20
Chloroethane			50.0	53.9		ug/L		108	57 - 150	2	29
Chloroform			50.0	49.5		ug/L		99	80 - 120	1	20
Chloromethane			50.0	48.4		ug/L		97	46 - 150	8	30
cis-1,2-Dichloroethene			50.0	45.8		ug/L		92	64 - 130	3	20
cis-1,3-Dichloropropene			50.0	49.7		ug/L		99	66 - 134	1	20
Chlorodibromomethane			50.0	51.1		ug/L		102	65 - 133	1	20
Dibromomethane			50.0	48.2		ug/L		96	65 - 130	3	20
Dichlorodifluoromethane			50.0	52.5		ug/L		105	29 - 150	10	30
Ethylbenzene			50.0	49.6		ug/L		99	80 - 120	3	20
Freon 113			50.0	55.6		ug/L		111	37 - 150	4	20
Hexachlorobutadiene			50.0	55.6		ug/L		111	58 - 134	4	20
Isopropylbenzene			50.0	50.7		ug/L		101	70 - 139	4	20
m-Xylene & p-Xylene			50.0	50.3		ug/L		101	67 - 137	4	20
Methyl tert-butyl ether			50.0	54.4		ug/L		109	59 - 139	3	22
Methylene Chloride			50.0	53.3		ug/L		107	55 - 136	1	23
Naphthalene			50.0	52.7		ug/L		105	64 - 135	1	20
n-Butylbenzene			50.0	47.1		ug/L		94	70 - 136	4	20
N-Propylbenzene			50.0	48.2		ug/L		96	66 - 142	3	20
o-Xylene			50.0	50.0		ug/L		100	68 - 136	4	20
4-Isopropyltoluene			50.0	52.1		ug/L		104	67 - 138	1	20
sec-Butylbenzene			50.0	52.6		ug/L		105	66 - 135	1	20
Styrene			50.0	51.6		ug/L		103	69 - 135	3	20
tert-Butylbenzene			50.0	54.5		ug/L		109	64 - 135	2	20
Tetrachloroethene			50.0	50.1		ug/L		100	63 - 131	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288833/4
Matrix: Water
Analysis Batch: 288833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			50.0	50.1		ug/L		100	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.0		ug/L		100	65 - 132	2	20
trans-1,3-Dichloropropene			50.0	51.1		ug/L		102	66 - 136	4	20
Trichloroethene			50.0	47.7		ug/L		95	67 - 130	1	20
Trichlorofluoromethane			50.0	56.8		ug/L		114	62 - 147	8	22
Vinyl acetate			50.0	51.1		ug/L		102	51 - 150	6	29
Vinyl chloride			50.0	63.2	*+	ug/L		126	80 - 120	8	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 550-193293-6 MS
Matrix: Water
Analysis Batch: 288833

Client Sample ID: SMW-93D_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	54.3		ug/L		109	62 - 139
1,1,1-Trichloroethane	ND		50.0	57.9		ug/L		116	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	50.2		ug/L		100	52 - 150
1,1,2-Trichloroethane	ND		50.0	52.6		ug/L		105	62 - 137
1,1-Dichloroethane	ND		50.0	50.4		ug/L		101	58 - 145
1,1-Dichloroethene	ND		50.0	54.7		ug/L		109	50 - 150
1,1-Dichloropropene	ND		50.0	48.5		ug/L		97	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	52.3		ug/L		105	52 - 144
1,2,3-Trichloropropane	ND		50.0	51.5		ug/L		103	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	52.7		ug/L		105	54 - 140
1,2,4-Trimethylbenzene	ND		50.0	52.8		ug/L		106	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	49.2		ug/L		98	41 - 149
1,2-Dibromoethane	ND		50.0	52.6		ug/L		105	67 - 136
1,2-Dichlorobenzene	0.49	J	50.0	52.2		ug/L		104	64 - 132
1,2-Dichloroethane	ND		50.0	50.5		ug/L		101	47 - 146
1,2-Dichloropropane	ND		50.0	48.2		ug/L		96	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	54.2		ug/L		108	34 - 150
1,3-Dichlorobenzene	ND		50.0	52.9		ug/L		106	67 - 130
1,3-Dichloropropane	ND		50.0	51.2		ug/L		102	65 - 140
1,4-Dichlorobenzene	ND		50.0	52.0		ug/L		104	67 - 128
2,2-Dichloropropane	ND		50.0	55.3		ug/L		111	54 - 150
2-Butanone (MEK)	ND	F1	50.0	262	E F1	ug/L		525	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	49.6		ug/L		99	37 - 150
4-Chlorotoluene	ND		50.0	50.8		ug/L		102	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	49.6		ug/L		99	41 - 150
Acetone	20	B	50.0	62.9		ug/L		87	10 - 150
Benzene	0.95	J	50.0	48.5		ug/L		95	54 - 142
Bromobenzene	ND		50.0	56.1		ug/L		112	67 - 132
Chlorobromomethane	ND		50.0	56.4		ug/L		113	55 - 147
Dichlorobromomethane	ND		50.0	51.2		ug/L		102	61 - 143

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-6 MS
Matrix: Water
Analysis Batch: 288833

Client Sample ID: SMW-93D_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	ND		50.0	57.9		ug/L		116	57 - 148
Bromomethane	ND	*+	50.0	73.9		ug/L		148	56 - 149
Carbon disulfide	ND		50.0	54.3		ug/L		109	23 - 150
Carbon tetrachloride	ND		50.0	53.8		ug/L		108	51 - 143
Chlorobenzene	ND		50.0	52.0		ug/L		104	69 - 129
Chloroethane	16		50.0	62.8		ug/L		93	41 - 150
Chloroform	ND		50.0	54.2		ug/L		108	60 - 148
Chloromethane	ND		50.0	45.1		ug/L		90	29 - 150
cis-1,2-Dichloroethene	1400	E	50.0	1090	E 4	ug/L		-588	57 - 139
cis-1,3-Dichloropropene	ND		50.0	51.7		ug/L		103	57 - 145
Chlorodibromomethane	ND		50.0	54.7		ug/L		109	61 - 143
Dibromomethane	ND		50.0	52.2		ug/L		104	56 - 148
Dichlorodifluoromethane	ND		50.0	46.7		ug/L		93	20 - 150
Ethylbenzene	ND		50.0	50.2		ug/L		100	46 - 149
Freon 113	ND		50.0	53.6		ug/L		107	10 - 150
Hexachlorobutadiene	ND		50.0	56.8		ug/L		114	48 - 146
Isopropylbenzene	ND		50.0	53.2		ug/L		106	56 - 146
m-Xylene & p-Xylene	ND		50.0	53.8		ug/L		108	47 - 150
Methyl tert-butyl ether	ND		50.0	54.5		ug/L		109	51 - 150
Methylene Chloride	ND		50.0	54.5		ug/L		109	43 - 150
Naphthalene	3.1	J	50.0	50.6		ug/L		95	32 - 150
n-Butylbenzene	ND		50.0	51.0		ug/L		102	54 - 146
N-Propylbenzene	ND		50.0	50.7		ug/L		101	54 - 150
o-Xylene	ND		50.0	53.0		ug/L		106	52 - 150
4-Isopropyltoluene	ND		50.0	54.3		ug/L		109	53 - 147
sec-Butylbenzene	ND		50.0	53.4		ug/L		107	54 - 145
Styrene	ND		50.0	54.0		ug/L		108	20 - 150
tert-Butylbenzene	ND		50.0	56.4		ug/L		113	57 - 143
Tetrachloroethene	0.62	J	50.0	54.7		ug/L		108	37 - 150
Toluene	2.1		50.0	53.0		ug/L		102	54 - 141
trans-1,2-Dichloroethene	80		50.0	118	E	ug/L		76	58 - 140
trans-1,3-Dichloropropene	ND		50.0	53.0		ug/L		106	57 - 147
Trichloroethene	69	F1	50.0	101	E	ug/L		64	58 - 134
Trichlorofluoromethane	ND		50.0	56.3		ug/L		113	46 - 150
Vinyl acetate	ND		50.0	61.2		ug/L		122	10 - 150
Vinyl chloride	1000	*+ E	50.0	876	E 4	ug/L		-328	29 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*116*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 550-193293-6 MSD
Matrix: Water
Analysis Batch: 288833

Client Sample ID: SMW-93D_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	51.9		ug/L		104	62 - 139	5	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-6 MSD
Matrix: Water
Analysis Batch: 288833

Client Sample ID: SMW-93D_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		50.0	54.7		ug/L		109	57 - 143	6	35
1,1,2,2-Tetrachloroethane	ND		50.0	49.6		ug/L		99	52 - 150	1	35
1,1,2-Trichloroethane	ND		50.0	51.3		ug/L		103	62 - 137	3	35
1,1-Dichloroethane	ND		50.0	47.5		ug/L		95	58 - 145	6	35
1,1-Dichloroethene	ND		50.0	51.7		ug/L		103	50 - 150	6	35
1,1-Dichloropropene	ND		50.0	45.7		ug/L		91	50 - 142	6	35
1,2,3-Trichlorobenzene	ND		50.0	51.0		ug/L		102	52 - 144	3	35
1,2,3-Trichloropropane	ND		50.0	50.5		ug/L		101	59 - 138	2	35
1,2,4-Trichlorobenzene	ND		50.0	50.4		ug/L		101	54 - 140	4	35
1,2,4-Trimethylbenzene	ND		50.0	49.4		ug/L		99	41 - 150	7	35
1,2-Dibromo-3-Chloropropane	ND		50.0	50.6		ug/L		101	41 - 149	3	35
1,2-Dibromoethane	ND		50.0	51.7		ug/L		103	67 - 136	2	35
1,2-Dichlorobenzene	0.49	J	50.0	49.5		ug/L		99	64 - 132	5	35
1,2-Dichloroethane	ND		50.0	47.8		ug/L		96	47 - 146	5	35
1,2-Dichloropropane	ND		50.0	45.3		ug/L		91	59 - 140	6	35
1,3,5-Trimethylbenzene	ND		50.0	50.6		ug/L		101	34 - 150	7	35
1,3-Dichlorobenzene	ND		50.0	50.0		ug/L		100	67 - 130	6	35
1,3-Dichloropropane	ND		50.0	49.6		ug/L		99	65 - 140	3	35
1,4-Dichlorobenzene	ND		50.0	49.1		ug/L		98	67 - 128	6	35
2,2-Dichloropropane	ND		50.0	50.9		ug/L		102	54 - 150	8	35
2-Butanone (MEK)	ND	F1	50.0	244	E F1	ug/L		488	10 - 150	7	35
Methyl n-butyl ketone (MNBK)	ND		50.0	50.8		ug/L		102	37 - 150	3	35
4-Chlorotoluene	ND		50.0	47.6		ug/L		95	63 - 141	6	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	50.5		ug/L		101	41 - 150	2	35
Acetone	20	B	50.0	57.7		ug/L		76	10 - 150	9	35
Benzene	0.95	J	50.0	45.4		ug/L		89	54 - 142	6	35
Bromobenzene	ND		50.0	52.8		ug/L		106	67 - 132	6	35
Chlorobromomethane	ND		50.0	53.2		ug/L		106	55 - 147	6	35
Dichlorobromomethane	ND		50.0	48.5		ug/L		97	61 - 143	5	35
Bromoform	ND		50.0	56.8		ug/L		114	57 - 148	2	35
Bromomethane	ND	*+	50.0	62.3		ug/L		125	56 - 149	17	35
Carbon disulfide	ND		50.0	51.0		ug/L		102	23 - 150	6	35
Carbon tetrachloride	ND		50.0	51.1		ug/L		102	51 - 143	5	35
Chlorobenzene	ND		50.0	49.6		ug/L		99	69 - 129	5	35
Chloroethane	16		50.0	59.0		ug/L		85	41 - 150	6	35
Chloroform	ND		50.0	50.6		ug/L		101	60 - 148	7	35
Chloromethane	ND		50.0	41.5		ug/L		83	29 - 150	8	35
cis-1,2-Dichloroethene	1400	E	50.0	1010	E 4	ug/L		-751	57 - 139	8	35
cis-1,3-Dichloropropene	ND		50.0	49.5		ug/L		99	57 - 145	4	35
Chlorodibromomethane	ND		50.0	53.1		ug/L		106	61 - 143	3	35
Dibromomethane	ND		50.0	50.0		ug/L		100	56 - 148	4	35
Dichlorodifluoromethane	ND		50.0	44.0		ug/L		88	20 - 150	6	35
Ethylbenzene	ND		50.0	47.6		ug/L		95	46 - 149	5	35
Freon 113	ND		50.0	50.4		ug/L		101	10 - 150	6	35
Hexachlorobutadiene	ND		50.0	53.3		ug/L		107	48 - 146	6	35
Isopropylbenzene	ND		50.0	49.4		ug/L		99	56 - 146	7	35
m-Xylene & p-Xylene	ND		50.0	50.1		ug/L		100	47 - 150	7	35
Methyl tert-butyl ether	ND		50.0	53.2		ug/L		106	51 - 150	2	35
Methylene Chloride	ND		50.0	50.6		ug/L		101	43 - 150	7	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193293-6 MSD
Matrix: Water
Analysis Batch: 288833

Client Sample ID: SMW-93D_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	3.1	J	50.0	51.0		ug/L		96	32 - 150	1	35
n-Butylbenzene	ND		50.0	47.9		ug/L		96	54 - 146	6	35
N-Propylbenzene	ND		50.0	47.4		ug/L		95	54 - 150	7	35
o-Xylene	ND		50.0	49.4		ug/L		99	52 - 150	7	35
4-Isopropyltoluene	ND		50.0	50.5		ug/L		101	53 - 147	7	35
sec-Butylbenzene	ND		50.0	49.7		ug/L		99	54 - 145	7	35
Styrene	ND		50.0	50.8		ug/L		102	20 - 150	6	35
tert-Butylbenzene	ND		50.0	52.4		ug/L		105	57 - 143	7	35
Tetrachloroethene	0.62	J	50.0	52.0		ug/L		103	37 - 150	5	35
Toluene	2.1		50.0	49.7		ug/L		95	54 - 141	6	35
trans-1,2-Dichloroethene	80		50.0	110	E	ug/L		61	58 - 140	6	35
trans-1,3-Dichloropropene	ND		50.0	51.3		ug/L		103	57 - 147	3	35
Trichloroethene	69	F1	50.0	95.1	F1	ug/L		51	58 - 134	6	35
Trichlorofluoromethane	ND		50.0	53.3		ug/L		107	46 - 150	6	35
Vinyl acetate	ND		50.0	61.6		ug/L		123	10 - 150	1	35
Vinyl chloride	1000	*+ E	50.0	813	E 4	ug/L		-454	29 - 150	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 11:51	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 11:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 11:51	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 11:51	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 11:51	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 11:51	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 11:51	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 11:51	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 11:51	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 11:51	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 11:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 11:51	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 11:51	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 11:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 11:51	1
Acetone	ND		20	9.8	ug/L			11/18/22 11:51	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 11:51	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 11:51	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 11:51	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 11:51	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 11:51	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 11:51	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 11:51	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 11:51	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 11:51	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 11:51	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 11:51	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 11:51	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 11:51	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 11:51	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 11:51	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 11:51	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 11:51	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 11:51	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 11:51	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 11:51	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 11:51	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 11:51	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 11:51	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 11:51	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 11:51	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 11:51	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 11:51	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 11:51	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 11:51	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 11:51	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 11:51	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 11:51	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 11:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		70 - 130		11/18/22 11:51	1
Toluene-d8 (Surr)	94		70 - 130		11/18/22 11:51	1
4-Bromofluorobenzene (Surr)	95		70 - 130		11/18/22 11:51	1

Lab Sample ID: LCS 550-288949/4
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	62.5		ug/L		125	68 - 133
1,1,1-Trichloroethane	50.0	64.0		ug/L		128	62 - 134
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	60 - 135
1,1,2-Trichloroethane	50.0	58.0		ug/L		116	69 - 130
1,1-Dichloroethane	50.0	56.7		ug/L		113	65 - 132
1,1-Dichloroethene	50.0	60.8	*+	ug/L		122	80 - 120
1,1-Dichloropropene	50.0	56.8		ug/L		114	63 - 130
1,2,3-Trichlorobenzene	50.0	58.4		ug/L		117	62 - 139
1,2,3-Trichloropropane	50.0	59.4		ug/L		119	67 - 130
1,2,4-Trichlorobenzene	50.0	54.9		ug/L		110	66 - 135
1,2,4-Trimethylbenzene	50.0	58.9		ug/L		118	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	59.4		ug/L		119	58 - 133
1,2-Dibromoethane	50.0	57.8		ug/L		116	70 - 130
1,2-Dichlorobenzene	50.0	58.7		ug/L		117	70 - 130
1,2-Dichloroethane	50.0	57.4		ug/L		115	54 - 135
1,2-Dichloropropane	50.0	54.1		ug/L		108	80 - 120
1,3,5-Trimethylbenzene	50.0	60.3		ug/L		121	70 - 139
1,3-Dichlorobenzene	50.0	57.1		ug/L		114	70 - 130
1,3-Dichloropropane	50.0	55.6		ug/L		111	69 - 130
1,4-Dichlorobenzene	50.0	56.1		ug/L		112	70 - 130
2,2-Dichloropropane	50.0	57.4		ug/L		115	60 - 148
2-Butanone (MEK)	50.0	62.1		ug/L		124	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	56.6		ug/L		113	50 - 148
4-Chlorotoluene	50.0	54.7		ug/L		109	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	57.5		ug/L		115	56 - 141
Acetone	50.0	63.6		ug/L		127	11 - 150
Benzene	50.0	54.5		ug/L		109	67 - 130
Bromobenzene	50.0	62.6		ug/L		125	70 - 130
Chlorobromomethane	50.0	61.8		ug/L		124	59 - 139
Dichlorobromomethane	50.0	57.7		ug/L		115	69 - 130
Bromoform	50.0	66.6		ug/L		133	67 - 140
Bromomethane	50.0	77.4	*+	ug/L		155	10 - 150
Carbon disulfide	50.0	60.4		ug/L		121	36 - 150
Carbon tetrachloride	50.0	63.4		ug/L		127	60 - 134
Chlorobenzene	50.0	57.1		ug/L		114	70 - 130
Chloroethane	50.0	56.5		ug/L		113	57 - 150
Chloroform	50.0	59.3		ug/L		119	80 - 120
Chloromethane	50.0	44.8		ug/L		90	46 - 150
cis-1,2-Dichloroethene	50.0	57.2		ug/L		114	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288949/4
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	50.0	54.8		ug/L		110	66 - 134
Chlorodibromomethane	50.0	60.9		ug/L		122	65 - 133
Dibromomethane	50.0	59.7		ug/L		119	65 - 130
Dichlorodifluoromethane	50.0	53.0		ug/L		106	29 - 150
Ethylbenzene	50.0	55.6		ug/L		111	80 - 120
Freon 113	50.0	58.5		ug/L		117	37 - 150
Hexachlorobutadiene	50.0	60.8		ug/L		122	58 - 134
Isopropylbenzene	50.0	61.1		ug/L		122	70 - 139
m-Xylene & p-Xylene	50.0	60.1		ug/L		120	67 - 137
Methyl tert-butyl ether	50.0	62.0		ug/L		124	59 - 139
Methylene Chloride	50.0	59.9		ug/L		120	55 - 136
Naphthalene	50.0	59.5		ug/L		119	64 - 135
n-Butylbenzene	50.0	53.5		ug/L		107	70 - 136
N-Propylbenzene	50.0	56.2		ug/L		112	66 - 142
o-Xylene	50.0	60.5		ug/L		121	68 - 136
4-Isopropyltoluene	50.0	59.6		ug/L		119	67 - 138
sec-Butylbenzene	50.0	60.1		ug/L		120	66 - 135
Styrene	50.0	60.1		ug/L		120	69 - 135
tert-Butylbenzene	50.0	63.9		ug/L		128	64 - 135
Tetrachloroethene	50.0	61.6		ug/L		123	63 - 131
Toluene	50.0	57.2		ug/L		114	71 - 123
trans-1,2-Dichloroethene	50.0	60.7		ug/L		121	65 - 132
trans-1,3-Dichloropropene	50.0	56.0		ug/L		112	66 - 136
Trichloroethene	50.0	60.4		ug/L		121	67 - 130
Trichlorofluoromethane	50.0	61.8		ug/L		124	62 - 147
Vinyl acetate	50.0	37.5		ug/L		75	51 - 150
Vinyl chloride	50.0	58.7		ug/L		117	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*123*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*

Lab Sample ID: LCSD 550-288949/5
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	60.2		ug/L		120	68 - 133	4	20
1,1,1-Trichloroethane	50.0	63.4		ug/L		127	62 - 134	1	20
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/L		103	60 - 135	5	20
1,1,2-Trichloroethane	50.0	55.2		ug/L		110	69 - 130	5	20
1,1-Dichloroethane	50.0	55.1		ug/L		110	65 - 132	3	20
1,1-Dichloroethene	50.0	60.5	*+	ug/L		121	80 - 120	0	23
1,1-Dichloropropene	50.0	55.7		ug/L		111	63 - 130	2	20
1,2,3-Trichlorobenzene	50.0	55.8		ug/L		112	62 - 139	5	20
1,2,3-Trichloropropane	50.0	56.7		ug/L		113	67 - 130	5	20
1,2,4-Trichlorobenzene	50.0	53.7		ug/L		107	66 - 135	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288949/5
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			50.0	57.6		ug/L		115	70 - 134	2	20
1,2-Dibromo-3-Chloropropane			50.0	55.9		ug/L		112	58 - 133	6	21
1,2-Dibromoethane			50.0	55.2		ug/L		110	70 - 130	5	20
1,2-Dichlorobenzene			50.0	56.3		ug/L		113	70 - 130	4	20
1,2-Dichloroethane			50.0	56.0		ug/L		112	54 - 135	2	20
1,2-Dichloropropane			50.0	51.9		ug/L		104	80 - 120	4	20
1,3,5-Trimethylbenzene			50.0	60.5		ug/L		121	70 - 139	0	20
1,3-Dichlorobenzene			50.0	56.0		ug/L		112	70 - 130	2	20
1,3-Dichloropropane			50.0	52.5		ug/L		105	69 - 130	6	20
1,4-Dichlorobenzene			50.0	54.1		ug/L		108	70 - 130	4	20
2,2-Dichloropropane			50.0	56.3		ug/L		113	60 - 148	2	21
2-Butanone (MEK)			50.0	60.2		ug/L		120	50 - 150	3	34
Methyl n-butyl ketone (MNBK)			50.0	53.3		ug/L		107	50 - 148	6	29
4-Chlorotoluene			50.0	53.9		ug/L		108	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	54.1		ug/L		108	56 - 141	6	23
Acetone			50.0	62.0		ug/L		124	11 - 150	3	35
Benzene			50.0	53.6		ug/L		107	67 - 130	2	20
Bromobenzene			50.0	60.6		ug/L		121	70 - 130	3	20
Chlorobromomethane			50.0	59.7		ug/L		119	59 - 139	3	20
Dichlorobromomethane			50.0	55.9		ug/L		112	69 - 130	3	20
Bromoform			50.0	62.4		ug/L		125	67 - 140	7	20
Bromomethane			50.0	75.9	*+	ug/L		152	10 - 150	2	31
Carbon disulfide			50.0	60.1		ug/L		120	36 - 150	1	26
Carbon tetrachloride			50.0	62.6		ug/L		125	60 - 134	1	20
Chlorobenzene			50.0	55.4		ug/L		111	70 - 130	3	20
Chloroethane			50.0	55.0		ug/L		110	57 - 150	3	29
Chloroform			50.0	57.6		ug/L		115	80 - 120	3	20
Chloromethane			50.0	43.0		ug/L		86	46 - 150	4	30
cis-1,2-Dichloroethene			50.0	55.9		ug/L		112	64 - 130	2	20
cis-1,3-Dichloropropene			50.0	52.5		ug/L		105	66 - 134	4	20
Chlorodibromomethane			50.0	57.7		ug/L		115	65 - 133	5	20
Dibromomethane			50.0	56.6		ug/L		113	65 - 130	5	20
Dichlorodifluoromethane			50.0	52.0		ug/L		104	29 - 150	2	30
Ethylbenzene			50.0	54.2		ug/L		108	80 - 120	2	20
Freon 113			50.0	57.4		ug/L		115	37 - 150	2	20
Hexachlorobutadiene			50.0	57.6		ug/L		115	58 - 134	5	20
Isopropylbenzene			50.0	60.4		ug/L		121	70 - 139	1	20
m-Xylene & p-Xylene			50.0	58.8		ug/L		118	67 - 137	2	20
Methyl tert-butyl ether			50.0	58.8		ug/L		118	59 - 139	5	22
Methylene Chloride			50.0	58.8		ug/L		118	55 - 136	2	23
Naphthalene			50.0	56.4		ug/L		113	64 - 135	5	20
n-Butylbenzene			50.0	54.0		ug/L		108	70 - 136	1	20
N-Propylbenzene			50.0	55.7		ug/L		111	66 - 142	1	20
o-Xylene			50.0	58.8		ug/L		118	68 - 136	3	20
4-Isopropyltoluene			50.0	59.6		ug/L		119	67 - 138	0	20
sec-Butylbenzene			50.0	59.3		ug/L		119	66 - 135	1	20
Styrene			50.0	58.1		ug/L		116	69 - 135	3	20
tert-Butylbenzene			50.0	62.9		ug/L		126	64 - 135	2	20
Tetrachloroethene			50.0	61.3		ug/L		123	63 - 131	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288949/5
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			50.0	56.1		ug/L		112	71 - 123	2	20
trans-1,2-Dichloroethene			50.0	60.0		ug/L		120	65 - 132	1	20
trans-1,3-Dichloropropene			50.0	52.3		ug/L		105	66 - 136	7	20
Trichloroethene			50.0	58.9		ug/L		118	67 - 130	3	20
Trichlorofluoromethane			50.0	61.4		ug/L		123	62 - 147	1	22
Vinyl acetate			50.0	38.5		ug/L		77	51 - 150	3	29
Vinyl chloride			50.0	57.1		ug/L		114	80 - 120	3	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*121*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: MB 550-288978/6
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 13:16	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 13:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 13:16	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 13:16	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 13:16	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 13:16	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 13:16	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 13:16	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 13:16	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 13:16	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 13:16	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 13:16	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 13:16	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 13:16	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 13:16	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 13:16	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 13:16	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 13:16	1
Acetone	ND		20	9.8	ug/L			11/18/22 13:16	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 13:16	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 13:16	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 13:16	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 13:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288978/6
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	0.64	ug/L			11/18/22 13:16	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 13:16	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 13:16	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 13:16	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 13:16	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 13:16	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 13:16	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 13:16	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 13:16	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 13:16	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 13:16	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 13:16	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 13:16	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 13:16	1
Iodomethane	0.900	J	2.0	0.53	ug/L			11/18/22 13:16	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 13:16	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 13:16	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 13:16	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 13:16	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 13:16	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 13:16	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 13:16	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 13:16	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 13:16	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 13:16	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 13:16	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 13:16	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 13:16	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 13:16	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 13:16	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/18/22 13:16*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/18/22 13:16*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/18/22 13:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288978/1002
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	68 - 133
1,1,1-Trichloroethane	50.0	57.9		ug/L		116	62 - 134
1,1,2,2-Tetrachloroethane	50.0	47.3		ug/L		95	60 - 135
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	69 - 130
1,1-Dichloroethane	50.0	60.8		ug/L		122	65 - 132
1,1-Dichloroethene	50.0	57.6		ug/L		115	80 - 120
1,1-Dichloropropene	50.0	52.7		ug/L		105	63 - 130
1,2,3-Trichlorobenzene	50.0	50.7		ug/L		101	62 - 139
1,2,3-Trichloropropane	50.0	44.6		ug/L		89	67 - 130
1,2,4-Trichlorobenzene	50.0	53.2		ug/L		106	66 - 135
1,2,4-Trimethylbenzene	50.0	52.1		ug/L		104	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/L		94	58 - 133
1,2-Dibromoethane	50.0	51.0		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	49.9		ug/L		100	54 - 135
1,2-Dichloropropane	50.0	53.2		ug/L		106	80 - 120
1,3,5-Trimethylbenzene	50.0	50.3		ug/L		101	70 - 139
1,3-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
1,3-Dichloropropane	50.0	51.8		ug/L		104	69 - 130
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130
2,2-Dichloropropane	50.0	62.9		ug/L		126	60 - 148
2-Butanone (MEK)	50.0	60.7		ug/L		121	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	57.7		ug/L		115	50 - 148
4-Chlorotoluene	50.0	50.6		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	54.9		ug/L		110	56 - 141
Acetone	50.0	57.1		ug/L		114	11 - 150
Benzene	50.0	52.8		ug/L		106	67 - 130
Bromobenzene	50.0	48.3		ug/L		97	70 - 130
Chlorobromomethane	50.0	57.8		ug/L		116	59 - 139
Dichlorobromomethane	50.0	51.5		ug/L		103	69 - 130
Bromoform	50.0	38.2		ug/L		76	67 - 140
Bromomethane	50.0	56.1		ug/L		112	10 - 150
Carbon disulfide	50.0	65.1		ug/L		130	36 - 150
Carbon tetrachloride	50.0	51.2		ug/L		102	60 - 134
Chlorobenzene	50.0	51.9		ug/L		104	70 - 130
Chloroethane	50.0	67.7		ug/L		135	57 - 150
Chloroform	50.0	58.5		ug/L		117	80 - 120
Chloromethane	50.0	55.5		ug/L		111	46 - 150
cis-1,2-Dichloroethene	50.0	52.7		ug/L		105	64 - 130
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	66 - 134
Chlorodibromomethane	50.0	49.5		ug/L		99	65 - 133
Dibromomethane	50.0	50.5		ug/L		101	65 - 130
Dichlorodifluoromethane	50.0	51.2		ug/L		102	29 - 150
Ethylbenzene	50.0	53.4		ug/L		107	80 - 120
Freon 113	50.0	58.7		ug/L		117	37 - 150
Hexachlorobutadiene	50.0	55.8		ug/L		112	58 - 134
Isopropylbenzene	50.0	50.8		ug/L		102	70 - 139
m-Xylene & p-Xylene	50.0	50.4		ug/L		101	67 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288978/1002
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	58.9		ug/L		118	59 - 139
Methylene Chloride	50.0	58.9		ug/L		118	55 - 136
Naphthalene	50.0	48.2		ug/L		96	64 - 135
n-Butylbenzene	50.0	55.4		ug/L		111	70 - 136
N-Propylbenzene	50.0	50.9		ug/L		102	66 - 142
o-Xylene	50.0	50.1		ug/L		100	68 - 136
4-Isopropyltoluene	50.0	53.9		ug/L		108	67 - 138
sec-Butylbenzene	50.0	52.1		ug/L		104	66 - 135
Styrene	50.0	49.8		ug/L		100	69 - 135
tert-Butylbenzene	50.0	52.2		ug/L		104	64 - 135
Tetrachloroethene	50.0	52.1		ug/L		104	63 - 131
Toluene	50.0	52.9		ug/L		106	71 - 123
trans-1,2-Dichloroethene	50.0	59.3		ug/L		119	65 - 132
trans-1,3-Dichloropropene	50.0	53.2		ug/L		106	66 - 136
Trichloroethene	50.0	52.0		ug/L		104	67 - 130
Trichlorofluoromethane	50.0	59.4		ug/L		119	62 - 147
Vinyl acetate	50.0	65.7		ug/L		131	51 - 150
Vinyl chloride	50.0	70.4	*+	ug/L		141	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*117*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 550-288978/4
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	54.8		ug/L		110	68 - 133	6	20
1,1,1-Trichloroethane	50.0	61.2		ug/L		122	62 - 134	6	20
1,1,2,2-Tetrachloroethane	50.0	52.3		ug/L		105	60 - 135	10	20
1,1,2-Trichloroethane	50.0	55.8		ug/L		112	69 - 130	9	20
1,1-Dichloroethane	50.0	63.7		ug/L		127	65 - 132	5	20
1,1-Dichloroethene	50.0	60.5	*+	ug/L		121	80 - 120	5	23
1,1-Dichloropropene	50.0	55.8		ug/L		112	63 - 130	6	20
1,2,3-Trichlorobenzene	50.0	53.5		ug/L		107	62 - 139	5	20
1,2,3-Trichloropropane	50.0	49.5		ug/L		99	67 - 130	11	20
1,2,4-Trichlorobenzene	50.0	54.7		ug/L		109	66 - 135	3	20
1,2,4-Trimethylbenzene	50.0	53.0		ug/L		106	70 - 134	2	20
1,2-Dibromo-3-Chloropropane	50.0	54.9		ug/L		110	58 - 133	16	21
1,2-Dibromoethane	50.0	56.5		ug/L		113	70 - 130	10	20
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	70 - 130	4	20
1,2-Dichloroethane	50.0	54.6		ug/L		109	54 - 135	9	20
1,2-Dichloropropane	50.0	57.5		ug/L		115	80 - 120	8	20
1,3,5-Trimethylbenzene	50.0	51.4		ug/L		103	70 - 139	2	20
1,3-Dichlorobenzene	50.0	52.1		ug/L		104	70 - 130	3	20
1,3-Dichloropropane	50.0	56.1		ug/L		112	69 - 130	8	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288978/4
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	50.0	51.8		ug/L		104	70 - 130	4	20
2,2-Dichloropropane	50.0	65.7		ug/L		131	60 - 148	4	21
2-Butanone (MEK)	50.0	70.8		ug/L		142	50 - 150	15	34
Methyl n-butyl ketone (MNBK)	50.0	69.3		ug/L		139	50 - 148	18	29
4-Chlorotoluene	50.0	52.2		ug/L		104	70 - 130	3	20
4-Methyl-2-pentanone (MIBK)	50.0	63.6		ug/L		127	56 - 141	15	23
Acetone	50.0	67.7		ug/L		135	11 - 150	17	35
Benzene	50.0	55.9		ug/L		112	67 - 130	6	20
Bromobenzene	50.0	50.7		ug/L		101	70 - 130	5	20
Chlorobromomethane	50.0	61.7		ug/L		123	59 - 139	7	20
Dichlorobromomethane	50.0	56.0		ug/L		112	69 - 130	8	20
Bromoform	50.0	43.1		ug/L		86	67 - 140	12	20
Bromomethane	50.0	60.3		ug/L		121	10 - 150	7	31
Carbon disulfide	50.0	68.6		ug/L		137	36 - 150	5	26
Carbon tetrachloride	50.0	54.7		ug/L		109	60 - 134	7	20
Chlorobenzene	50.0	54.9		ug/L		110	70 - 130	6	20
Chloroethane	50.0	71.0		ug/L		142	57 - 150	5	29
Chloroform	50.0	61.8	*+	ug/L		124	80 - 120	5	20
Chloromethane	50.0	59.4		ug/L		119	46 - 150	7	30
cis-1,2-Dichloroethene	50.0	55.8		ug/L		112	64 - 130	6	20
cis-1,3-Dichloropropene	50.0	58.1		ug/L		116	66 - 134	10	20
Chlorodibromomethane	50.0	55.3		ug/L		111	65 - 133	11	20
Dibromomethane	50.0	55.1		ug/L		110	65 - 130	9	20
Dichlorodifluoromethane	50.0	53.6		ug/L		107	29 - 150	5	30
Ethylbenzene	50.0	56.4		ug/L		113	80 - 120	5	20
Freon 113	50.0	61.2		ug/L		122	37 - 150	4	20
Hexachlorobutadiene	50.0	54.4		ug/L		109	58 - 134	2	20
Isopropylbenzene	50.0	52.8		ug/L		106	70 - 139	4	20
m-Xylene & p-Xylene	50.0	51.6		ug/L		103	67 - 137	2	20
Methyl tert-butyl ether	50.0	64.9		ug/L		130	59 - 139	10	22
Methylene Chloride	50.0	62.2		ug/L		124	55 - 136	5	23
Naphthalene	50.0	53.8		ug/L		108	64 - 135	11	20
n-Butylbenzene	50.0	55.6		ug/L		111	70 - 136	0	20
N-Propylbenzene	50.0	53.8		ug/L		108	66 - 142	6	20
o-Xylene	50.0	52.0		ug/L		104	68 - 136	4	20
4-Isopropyltoluene	50.0	54.7		ug/L		109	67 - 138	2	20
sec-Butylbenzene	50.0	53.2		ug/L		106	66 - 135	2	20
Styrene	50.0	52.4		ug/L		105	69 - 135	5	20
tert-Butylbenzene	50.0	52.7		ug/L		105	64 - 135	1	20
Tetrachloroethene	50.0	55.3		ug/L		111	63 - 131	6	20
Toluene	50.0	55.8		ug/L		112	71 - 123	5	20
trans-1,2-Dichloroethene	50.0	62.5		ug/L		125	65 - 132	5	20
trans-1,3-Dichloropropene	50.0	59.4		ug/L		119	66 - 136	11	20
Trichloroethene	50.0	55.4		ug/L		111	67 - 130	6	20
Trichlorofluoromethane	50.0	62.2		ug/L		124	62 - 147	5	22
Vinyl acetate	50.0	73.4		ug/L		147	51 - 150	11	29
Vinyl chloride	50.0	74.8	*+	ug/L		150	80 - 120	6	27

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288978/4
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	124		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

GC/MS VOA

Analysis Batch: 288554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-11	TB-04_11-2022	Total/NA	Water	8260B	
MB 550-288554/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288554/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288554/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-2	R-34_D2_11-2022	Total/NA	Water	8260B	
550-193293-3	R-934_D2_11-2022	Total/NA	Water	8260B	
550-193293-4	R-23_11-2022	Total/NA	Water	8260B	
550-193293-5	R-34_I1_11-2022	Total/NA	Water	8260B	
MB 550-288639/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288639/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288639/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193293-2 MS	R-34_D2_11-2022	Total/NA	Water	8260B	
550-193293-2 MSD	R-34_D2_11-2022	Total/NA	Water	8260B	

Analysis Batch: 288643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-7	R-34_I2_11-2022	Total/NA	Water	8260B	
550-193293-8	SMW-3D_11-2022	Total/NA	Water	8260B	
550-193293-9	R-01_S2_11-2022	Total/NA	Water	8260B	
550-193293-10	M-12_11-2022	Total/NA	Water	8260B	
MB 550-288643/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288643/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288643/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193293-7 MS	R-34_I2_11-2022	Total/NA	Water	8260B	
550-193293-7 MSD	R-34_I2_11-2022	Total/NA	Water	8260B	

Analysis Batch: 288760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-8 - DL2	SMW-3D_11-2022	Total/NA	Water	8260B	
550-193293-8 - DL	SMW-3D_11-2022	Total/NA	Water	8260B	
MB 550-288760/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288760/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288760/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-1	EB-04_11-2022	Total/NA	Water	8260B	
550-193293-6	SMW-93D_11-2022	Total/NA	Water	8260B	
550-193293-8 - DL3	SMW-3D_11-2022	Total/NA	Water	8260B	
550-193293-8 - DL2	SMW-3D_11-2022	Total/NA	Water	8260B	
MB 550-288833/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288833/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288833/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193293-6 MS	SMW-93D_11-2022	Total/NA	Water	8260B	
550-193293-6 MSD	SMW-93D_11-2022	Total/NA	Water	8260B	

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193293-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-6 - DL	SMW-93D_11-2022	Total/NA	Water	8260B	
MB 550-288949/7	Method Blank	Total/NA	Water	8260B	
LCS 550-288949/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288949/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193293-1	EB-04_11-2022	Total/NA	Water	8260B	
MB 550-288978/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288978/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288978/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Client Sample ID: EB-04_11-2022
Date Collected: 11/07/22 14:30
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288978	JHU	EET PHX	11/18/22 14:18
Total/NA	Analysis	8260B		1	288833	R1K	EET PHX	11/17/22 09:04

Client Sample ID: R-34_D2_11-2022
Date Collected: 11/04/22 12:00
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288639	TC1	EET PHX	11/15/22 14:15

Client Sample ID: R-934_D2_11-2022
Date Collected: 11/04/22 10:10
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288639	TC1	EET PHX	11/15/22 16:41

Client Sample ID: R-23_11-2022
Date Collected: 11/04/22 09:45
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288639	TC1	EET PHX	11/15/22 15:18

Client Sample ID: R-34_I1_11-2022
Date Collected: 11/04/22 11:05
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288639	TC1	EET PHX	11/15/22 15:38

Client Sample ID: SMW-93D_11-2022
Date Collected: 11/04/22 10:40
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288833	R1K	EET PHX	11/17/22 12:40
Total/NA	Analysis	8260B	DL	20	288949	R1K	EET PHX	11/18/22 14:01

Client Sample ID: R-34_I2_11-2022
Date Collected: 11/04/22 11:20
Date Received: 11/08/22 10:10

Lab Sample ID: 550-193293-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288643	TC1	EET PHX	11/15/22 13:52

Client Sample ID: SMW-3D_11-2022

Lab Sample ID: 550-193293-8

Date Collected: 11/04/22 12:15

Matrix: Water

Date Received: 11/08/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B	DL2	50	288760	R1K	EET PHX	11/16/22 15:47
Total/NA	Analysis	8260B	DL	10	288760	R1K	EET PHX	11/16/22 16:29
Total/NA	Analysis	8260B		1	288643	TC1	EET PHX	11/15/22 14:18
Total/NA	Analysis	8260B	DL3	100	288833	R1K	EET PHX	11/17/22 13:06
Total/NA	Analysis	8260B	DL2	50	288833	R1K	EET PHX	11/17/22 13:32

Client Sample ID: R-01_S2_11-2022

Lab Sample ID: 550-193293-9

Date Collected: 11/04/22 10:08

Matrix: Water

Date Received: 11/08/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288643	TC1	EET PHX	11/15/22 14:44

Client Sample ID: M-12_11-2022

Lab Sample ID: 550-193293-10

Date Collected: 11/04/22 11:40

Matrix: Water

Date Received: 11/08/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288643	TC1	EET PHX	11/15/22 15:10

Client Sample ID: TB-04_11-2022

Lab Sample ID: 550-193293-11

Date Collected: 11/02/22 16:04

Matrix: Water

Date Received: 11/08/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 11:13

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193293-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193293-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193293-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193293-1	EB-04_11-2022	Water	11/07/22 14:30	11/08/22 10:10
550-193293-2	R-34_D2_11-2022	Water	11/04/22 12:00	11/08/22 10:10
550-193293-3	R-934_D2_11-2022	Water	11/04/22 10:10	11/08/22 10:10
550-193293-4	R-23_11-2022	Water	11/04/22 09:45	11/08/22 10:10
550-193293-5	R-34_I1_11-2022	Water	11/04/22 11:05	11/08/22 10:10
550-193293-6	SMW-93D_11-2022	Water	11/04/22 10:40	11/08/22 10:10
550-193293-7	R-34_I2_11-2022	Water	11/04/22 11:20	11/08/22 10:10
550-193293-8	SMW-3D_11-2022	Water	11/04/22 12:15	11/08/22 10:10
550-193293-9	R-01_S2_11-2022	Water	11/04/22 10:08	11/08/22 10:10
550-193293-10	M-12_11-2022	Water	11/04/22 11:40	11/08/22 10:10
550-193293-11	TB-04_11-2022	Water	11/02/22 16:04	11/08/22 10:10

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: LCS 550-288554/3 Client Sample ID:

Date Analyzed: 11/14/22 09:49 Lab File ID: 11142203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	7.33	Invalid Compound ID	kandeer	11/15/22 10:12

Lab Sample ID: MB 550-288554/6 Client Sample ID:

Date Analyzed: 11/14/22 10:52 Lab File ID: 11142206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:44

Lab Sample ID: 550-193293-11 Client Sample ID: TB-04_11-2022

Date Analyzed: 11/14/22 11:13 Lab File ID: 11142207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.98	Incomplete Integration	kandeer	11/15/22 10:45
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 10:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288639

Lab Sample ID: CCVIS 550-288639/2 Client Sample ID:

Date Analyzed: 11/15/22 08:43 Lab File ID: 11152202.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	changnoit	11/16/22 08:50

Lab Sample ID: LCSD 550-288639/4 Client Sample ID:

Date Analyzed: 11/15/22 09:24 Lab File ID: 11152204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.99	Incomplete Integration	changnoit	11/16/22 08:51

Lab Sample ID: 550-193293-2 Client Sample ID: R-34_D2_11-2022

Date Analyzed: 11/15/22 14:15 Lab File ID: 11152217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.94	Incomplete Integration	changnoit	11/16/22 09:01
Bromomethane	2.44	Incomplete Integration	changnoit	11/16/22 09:02
1,1,2-Trichloroethane		Invalid Compound ID	changnoit	11/16/22 09:02
1,2,3-Trichloropropane		Invalid Compound ID	changnoit	11/16/22 09:02
2-Butanone (MEK)		Invalid Compound ID	changnoit	11/16/22 09:02
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	changnoit	11/16/22 09:02

Lab Sample ID: 550-193293-2 MS Client Sample ID: R-34_D2_11-2022 MS

Date Analyzed: 11/15/22 14:36 Lab File ID: 11152218.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.75	Incomplete Integration	changnoit	11/16/22 09:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288639

Lab Sample ID: 550-193293-2 MSD Client Sample ID: R-34_D2_11-2022 MSD

Date Analyzed: 11/15/22 14:57 Lab File ID: 11152219.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.98	Incomplete Integration	changnoit	11/16/22 09:03

Lab Sample ID: 550-193293-5 Client Sample ID: R-34_I1_11-2022

Date Analyzed: 11/15/22 15:38 Lab File ID: 11152221.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.42	Incomplete Integration	changnoit	11/16/22 09:05
1,2,3-Trichloropropane		Invalid Compound ID	changnoit	11/16/22 09:06
Benzene		Invalid Compound ID	changnoit	11/16/22 09:05
Chloromethane		Invalid Compound ID	changnoit	11/16/22 09:05

Lab Sample ID: 550-193293-3 Client Sample ID: R-934_D2_11-2022

Date Analyzed: 11/15/22 16:41 Lab File ID: 11152224.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	changnoit	11/16/22 09:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288760

Lab Sample ID: CCVIS 550-288760/2 Client Sample ID:

Date Analyzed: 11/16/22 10:37 Lab File ID: 11162206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Incomplete Integration	kandeer	11/17/22 08:22
trans-1,4-Dichloro-2-butene	11.04	Incomplete Integration	kandeer	11/17/22 08:22

Lab Sample ID: LCSD 550-288760/4 Client Sample ID:

Date Analyzed: 11/16/22 11:16 Lab File ID: 11162207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.73	Incomplete Integration	NWW4	11/16/22 11:50
Chloromethane	1.99	Incomplete Integration	NWW4	11/16/22 11:50
Vinyl chloride	2.04	Incomplete Integration	NWW4	11/16/22 11:50

Lab Sample ID: MB 550-288760/6 Client Sample ID:

Date Analyzed: 11/16/22 11:58 Lab File ID: 11162209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	kandeer	11/17/22 08:28
Chloromethane		Invalid Compound ID	kandeer	11/17/22 08:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288978

Lab Sample ID: LCSD 550-288978/4 Client Sample ID:

Date Analyzed: 11/18/22 11:09 Lab File ID: 11182204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.49	Split Peak	NWW4	11/18/22 15:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD1 550-288457/4 IC Client Sample ID:

Date Analyzed: 11/11/22 12:22 Lab File ID: 11112204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 08:32
Dichlorodifluoromethane	1.67	Split Peak	NWW4	11/12/22 08:33
Chloromethane	1.87	Incomplete Integration	NWW4	11/12/22 08:33
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 08:33
Butadiene	2.01	Incomplete Integration	NWW4	11/12/22 08:33
Bromomethane	2.34	Incomplete Integration	NWW4	11/12/22 09:50
Chloroethane	2.41	Split Peak	NWW4	11/12/22 08:34
1,1-Dichloroethene	3.31	Incomplete Integration	NWW4	11/12/22 08:35
Freon 113	3.36	Incomplete Integration	NWW4	11/12/22 08:38
Iodomethane	3.51	Incomplete Integration	NWW4	11/12/22 08:38
Carbon disulfide	3.59	Incomplete Integration	NWW4	11/12/22 08:38
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 08:40
Methyl tert-butyl ether	4.46	Incomplete Integration	NWW4	11/12/22 08:40
trans-1,2-Dichloroethene	4.48	Incomplete Integration	NWW4	11/12/22 08:39
1,1-Dichloroethane	5.16	Incomplete Integration	NWW4	11/12/22 08:41
Tetrahydrofuran	6.22	Incomplete Integration	NWW4	11/12/22 08:42
Tert-amyl methyl ether	7.03	Incomplete Integration	NWW4	11/12/22 08:42
1,2-Dichloropropane	7.79	Incomplete Integration	NWW4	11/12/22 08:42
Hexachlorobutadiene	13.88	Incomplete Integration	NWW4	11/12/22 08:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD2 550-288457/5 IC Client Sample ID:

Date Analyzed: 11/11/22 12:48 Lab File ID: 11112205.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/11/22 13:58
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/11/22 13:58
Chloromethane	1.85	Incomplete Integration	NWW4	11/11/22 13:59
Bromomethane	2.32	Incomplete Integration	NWW4	11/12/22 09:51
Chloroethane	2.40	Incomplete Integration	NWW4	11/12/22 08:51
Trichlorofluoromethane	2.72	Incomplete Integration	NWW4	11/12/22 08:51
Ethanol	2.89	Split Peak	NWW4	11/12/22 08:51
Freon 113	3.36	Incomplete Integration	NWW4	11/12/22 08:51
2-Methyl-2-propanol	4.21	Incomplete Integration	NWW4	11/11/22 13:59
Methyl tert-butyl ether	4.45	Incomplete Integration	NWW4	11/12/22 08:52
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 08:52
Tert-butyl ethyl ether	5.72	Incomplete Integration	NWW4	11/12/22 08:52
2-Butanone (MEK)	5.92	Incomplete Integration	NWW4	11/12/22 08:53
2,2-Dichloropropane	5.93	Incomplete Integration	NWW4	11/11/22 13:57
1,2-Dibromo-3-Chloropropane	12.77	Incomplete Integration	NWW4	11/11/22 13:57

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD3 550-288457/6 IC Client Sample ID:

Date Analyzed: 11/11/22 13:15 Lab File ID: 11112206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 08:54
Dichlorodifluoromethane	1.66	Incomplete Integration	NWW4	11/12/22 08:55
Chloromethane	1.86	Incomplete Integration	NWW4	11/12/22 08:55
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 08:55
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 08:55
Bromomethane	2.33	Incomplete Integration	NWW4	11/12/22 09:51
Trichlorofluoromethane	2.68	Incomplete Integration	NWW4	11/12/22 08:56
Ethanol	2.90	Split Peak	NWW4	11/12/22 08:56
Freon 113	3.36	Incomplete Integration	NWW4	11/11/22 13:57
Methylene Chloride	4.03	Incomplete Integration	NWW4	11/12/22 08:56
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 08:57
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 08:57
2-Butanone (MEK)	5.92	Incomplete Integration	NWW4	11/12/22 08:57
Tetrahydrofuran	6.22	Incomplete Integration	NWW4	11/12/22 08:57

Lab Sample ID: STD4 550-288457/7 IC Client Sample ID:

Date Analyzed: 11/11/22 14:14 Lab File ID: 11112208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 09:05
Dichlorodifluoromethane	1.67	Incomplete Integration	NWW4	11/12/22 09:05
Vinyl chloride	1.98	Incomplete Integration	NWW4	11/12/22 09:05
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:05
Trichlorofluoromethane	2.68	Incomplete Integration	NWW4	11/12/22 09:06
Ethanol	2.89	Incomplete Integration	NWW4	11/12/22 09:06
1,1-Dichloroethene	3.32	Incomplete Integration	NWW4	11/12/22 09:06
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 09:06
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 09:07

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD5 550-288457/8 IC Client Sample ID:

Date Analyzed: 11/11/22 14:40 Lab File ID: 11112209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/12/22 09:11
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:11
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:13
Bromomethane	2.32	Split Peak	NWW4	11/12/22 09:49
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:13
Ethanol	2.87	Incomplete Integration	NWW4	11/12/22 09:13
Acetone	3.35	Incomplete Integration	NWW4	11/12/22 09:14
2-Methyl-2-propanol	4.20	Incomplete Integration	NWW4	11/12/22 09:14
trans-1,2-Dichloroethene	4.43	Incomplete Integration	NWW4	11/12/22 09:14
Methyl tert-butyl ether	4.44	Incomplete Integration	NWW4	11/12/22 09:15
Isopropyl ether	5.20	Incomplete Integration	NWW4	11/12/22 09:15
2,2-Dichloropropane	5.91	Incomplete Integration	NWW4	11/12/22 09:15

Lab Sample ID: STD6 550-288457/9 IC Client Sample ID:

Date Analyzed: 11/11/22 15:06 Lab File ID: 11112210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 09:16
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:16
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:16
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:16
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:17
Ethanol	2.88	Incomplete Integration	NWW4	11/12/22 09:17
Acetone	3.35	Incomplete Integration	NWW4	11/12/22 09:17
Isopropyl ether	5.21	Incomplete Integration	NWW4	11/12/22 09:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: ICIS 550-288457/10 Client Sample ID:

Date Analyzed: 11/11/22 15:32 Lab File ID: 11112211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/12/22 09:22
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:22
Chloromethane	1.85	Incomplete Integration	NWW4	11/12/22 09:22
Vinyl chloride	1.96	Incomplete Integration	NWW4	11/12/22 09:22
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:22
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:23
Ethanol	2.88	Incomplete Integration	NWW4	11/12/22 09:23
Isopropyl ether	5.22	Incomplete Integration	NWW4	11/12/22 09:23

Lab Sample ID: STD8 550-288457/11 IC Client Sample ID:

Date Analyzed: 11/11/22 15:59 Lab File ID: 11112212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.64	Incomplete Integration	NWW4	11/12/22 09:25
Dichlorodifluoromethane	1.67	Incomplete Integration	NWW4	11/12/22 09:25
Vinyl chloride	1.98	Incomplete Integration	NWW4	11/12/22 09:25
Trichlorofluoromethane	2.67	Incomplete Integration	NWW4	11/12/22 09:26
Ethanol	2.90	Incomplete Integration	NWW4	11/12/22 09:26
Acetone	3.38	Incomplete Integration	NWW4	11/12/22 09:26
Isopropyl ether	5.24	Incomplete Integration	NWW4	11/12/22 09:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD9 550-288457/12 IC Client Sample ID:

Date Analyzed: 11/11/22 16:25 Lab File ID: 11112213.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.66	Incomplete Integration	NWW4	11/12/22 09:28
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:28
Trichlorofluoromethane	2.71	Incomplete Integration	NWW4	11/12/22 09:29
Ethanol	2.90	Incomplete Integration	NWW4	11/12/22 09:29
Acetone	3.36	Incomplete Integration	NWW4	11/12/22 09:29
Isopropyl ether	5.24	Incomplete Integration	NWW4	11/12/22 09:29

Lab Sample ID: ICV 550-288457/15 Client Sample ID:

Date Analyzed: 11/11/22 17:44 Lab File ID: 11112216.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.64	Incomplete Integration	NWW4	11/12/22 09:56
Vinyl chloride	1.95	Incomplete Integration	NWW4	11/12/22 09:57
Trichlorofluoromethane	2.71	Incomplete Integration	NWW4	11/12/22 09:57
Ethanol	2.89	Incomplete Integration	NWW4	11/12/22 09:57
2-Methyl-2-propanol	4.21	Incomplete Integration	NWW4	11/12/22 09:58
Isopropyl ether	5.22	Incomplete Integration	NWW4	11/12/22 09:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288643

Lab Sample ID: CCVIS 550-288643/2 Client Sample ID:

Date Analyzed: 11/15/22 10:49 Lab File ID: 11152202.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	V1EX	11/15/22 11:09
Ethanol	2.90	Incomplete Integration	changnoit	11/16/22 09:16
Isopropyl ether	5.24	Peak assignment corrected	NWW4	11/15/22 12:27

Lab Sample ID: LCS 550-288643/3 Client Sample ID:

Date Analyzed: 11/15/22 11:15 Lab File ID: 11152203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.66	Incomplete Integration	changnoit	11/16/22 09:16

Lab Sample ID: LCSD 550-288643/4 Client Sample ID:

Date Analyzed: 11/15/22 11:41 Lab File ID: 11152204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.66	Incomplete Integration	changnoit	11/16/22 09:17

Lab Sample ID: MB 550-288643/6 Client Sample ID:

Date Analyzed: 11/15/22 12:33 Lab File ID: 11152206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	changnoit	11/16/22 09:18
1,2,4-Trichlorobenzene	13.73	Incomplete Integration	changnoit	11/16/22 09:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288643

Lab Sample ID: 550-193293-7 MS Client Sample ID: R-34_I2_11-2022 MS

Date Analyzed: 11/15/22 12:59 Lab File ID: 11152207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.66	Incomplete Integration	changnoit	11/16/22 09:19

Lab Sample ID: 550-193293-7 MSD Client Sample ID: R-34_I2_11-2022 MSD

Date Analyzed: 11/15/22 13:26 Lab File ID: 11152208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	changnoit	11/16/22 09:20

Lab Sample ID: 550-193293-7 Client Sample ID: R-34_I2_11-2022

Date Analyzed: 11/15/22 13:52 Lab File ID: 11152209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.39	Incomplete Integration	changnoit	11/16/22 09:22
trans-1,2-Dichloroethene	4.48	Incomplete Integration	changnoit	11/16/22 09:22
Benzene	6.88	Incomplete Integration	changnoit	11/16/22 09:34
1,1,2-Trichloroethane		Invalid Compound ID	changnoit	11/16/22 09:22
1,2-Dichloroethane		Invalid Compound ID	changnoit	11/16/22 09:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288643

Lab Sample ID: 550-193293-8 Client Sample ID: SMW-3D_11-2022

Date Analyzed: 11/15/22 14:18 Lab File ID: 11152210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	6.87	Peak assignment corrected	changnoit	11/16/22 09:23
Chlorobenzene	9.88	Peak assignment corrected	changnoit	11/16/22 09:23
1,1,2-Trichloroethane		Invalid Compound ID	changnoit	11/16/22 09:23
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	changnoit	11/16/22 09:23
Methyl n-butyl ketone (MNBK)		Invalid Compound ID	changnoit	11/16/22 09:23
trans-1,3-Dichloropropene		Invalid Compound ID	changnoit	11/16/22 09:23
1,4-Dichlorobenzene	11.73	Peak assignment corrected	changnoit	11/16/22 09:24
Hexachlorobutadiene	13.88	Incomplete Integration	changnoit	11/16/22 09:24

Lab Sample ID: 550-193293-9 Client Sample ID: R-01_S2_11-2022

Date Analyzed: 11/15/22 14:44 Lab File ID: 11152211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.97	Incomplete Integration	changnoit	11/16/22 09:24

Lab Sample ID: 550-193293-10 Client Sample ID: M-12_11-2022

Date Analyzed: 11/15/22 15:10 Lab File ID: 11152212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	4.47	Incomplete Integration	changnoit	11/16/22 09:25
1,1,2-Trichloroethane		Invalid Compound ID	changnoit	11/16/22 09:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288833

Lab Sample ID: CCVIS 550-288833/2 Client Sample ID:

Date Analyzed: 11/17/22 06:53 Lab File ID: 11162234.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.70	Incomplete Integration	NWW4	11/17/22 09:23
Ethanol	2.88	Incomplete Integration	NWW4	11/17/22 09:23
Isopropyl ether	5.22	Incomplete Integration	NWW4	11/17/22 09:26

Lab Sample ID: LCS 550-288833/3 Client Sample ID:

Date Analyzed: 11/17/22 07:19 Lab File ID: 11162235.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	kandeer	11/18/22 11:38

Lab Sample ID: LCSD 550-288833/4 Client Sample ID:

Date Analyzed: 11/17/22 07:45 Lab File ID: 11162236.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.73	Incomplete Integration	kandeer	11/18/22 11:39
TBA-d9 (IS)	4.10	Incomplete Integration	kandeer	11/18/22 11:39

Lab Sample ID: MB 550-288833/6 Client Sample ID:

Date Analyzed: 11/17/22 08:38 Lab File ID: 11162238.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/18/22 11:41
Bromomethane		Invalid Compound ID	kandeer	11/18/22 11:40
Methyl n-butyl ketone (MNBK)		Invalid Compound ID	kandeer	11/18/22 11:41

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288833

Lab Sample ID: 550-193293-1 Client Sample ID: EB-04_11-2022

Date Analyzed: 11/17/22 09:04 Lab File ID: 11162239.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloroethene	9.13	Incomplete Integration	kandeer	11/18/22 11:42
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/18/22 11:42
Bromomethane		Invalid Compound ID	kandeer	11/18/22 11:42

Lab Sample ID: 550-193293-6 MS Client Sample ID: SMW-93D_11-2022 MS

Date Analyzed: 11/17/22 11:47 Lab File ID: 11162243.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	kandeer	11/18/22 11:46

Lab Sample ID: 550-193293-6 MSD Client Sample ID: SMW-93D_11-2022 MSD

Date Analyzed: 11/17/22 12:14 Lab File ID: 11162244.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.71	Incomplete Integration	kandeer	11/18/22 11:47

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288833

Lab Sample ID: 550-193293-6 Client Sample ID: SMW-93D_11-2022

Date Analyzed: 11/17/22 12:40 Lab File ID: 11162245.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	5.17	Incomplete Integration	kandeer	11/18/22 11:49
Benzene	6.88	Incomplete Integration	kandeer	11/18/22 11:49
1,1,2-Trichloroethane		Invalid Compound ID	kandeer	11/18/22 11:49
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/18/22 11:49
Bromomethane		Invalid Compound ID	kandeer	11/18/22 11:48
Chlorobenzene		Invalid Compound ID	kandeer	11/18/22 11:49
Chloromethane		Invalid Compound ID	kandeer	11/18/22 11:48
trans-1,3-Dichloropropene		Invalid Compound ID	kandeer	11/18/22 11:49
Vinyl acetate		Invalid Compound ID	kandeer	11/18/22 11:49
1,4-Dichlorobenzene	11.73	Incomplete Integration	kandeer	11/18/22 11:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288949

Lab Sample ID: CCVIS 550-288949/3 Client Sample ID:

Date Analyzed: 11/18/22 10:06 Lab File ID: 11162294.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.66	Incomplete Integration	BD4U	11/18/22 11:22
Ethanol	2.89	Incomplete Integration	kandeer	11/20/22 19:36

Lab Sample ID: LCS 550-288949/4 Client Sample ID:

Date Analyzed: 11/18/22 10:33 Lab File ID: 11162295.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	BD4U	11/18/22 11:23

Lab Sample ID: LCSD 550-288949/5 Client Sample ID:

Date Analyzed: 11/18/22 10:59 Lab File ID: 11162296.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	BD4U	11/18/22 11:23

Lab Sample ID: MB 550-288949/7 Client Sample ID:

Date Analyzed: 11/18/22 11:51 Lab File ID: 11162298.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	4.09	Incomplete Integration	kandeer	11/20/22 19:39
1,2-Dichloroethane		Invalid Compound ID	kandeer	11/20/22 19:39
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 19:39
Bromomethane		Invalid Compound ID	kandeer	11/20/22 19:39

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_2.5ppmPS_00802	11/16/22	11/09/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00895	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00203	11/23/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00203	11/23/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_BFB 25ppm_00149							Tentatively Identified Compound	
							Trihalomethanes, Total	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00150							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_EtOH/TBA2_00221	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00224	12/16/22	11/16/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	2500 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00110	12/09/22	11/09/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00223	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_IS_00126	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_ISRE_00323	12/08/22	11/08/22	Methanol, Lot 2647732	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22		AccuStandard, Lot 222071048		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22		Restek, Lot A0182212		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
MV_Wk ICV_00441	11/24/22	11/10/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00108	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00130	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00347	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00108	05/10/23		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00130	01/29/23	AccuStandard, Lot 222091397			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00347	11/24/22		Restek, Lot A0186584		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rxi-624Sil ID: 0.25(mm) GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	DBFM #	TOL #	TOL #	BFB #	BFB #
EB-04_11-2022	550-193293-1		94		84		79
EB-04_11-2022	550-193293-1	97		96		98	
R-34_D2_11-2022	550-193293-2		96		88		79
R-934_D2_11-2022	550-193293-3		95		89		80
R-23_11-2022	550-193293-4		94		89		82
R-34_I1_11-2022	550-193293-5		95		89		79
SMW-93D_11-2022	550-193293-6	101		94		95	
SMW-93D_11-2022 DL	550-193293-6 DL	99		94		98	
R-34_I2_11-2022	550-193293-7	96		95		99	
SMW-3D_11-2022	550-193293-8	96		94		102	
SMW-3D_11-2022 DL	550-193293-8 DL		91		89		77
SMW-3D_11-2022 DL2	550-193293-8 DL2		96		86		79
SMW-3D_11-2022 DL2	550-193293-8 DL2	98		93		95	
SMW-3D_11-2022 DL3	550-193293-8 DL3	99		94		95	
R-01_S2_11-2022	550-193293-9	100		96		99	
M-12_11-2022	550-193293-10	99		96		99	
TB-04_11-2022	550-193293-11		94		88		78
	MB 550-288554/6		92		90		78
	MB 550-288639/6		92		90		80
	MB 550-288643/6	97		93		100	
	MB 550-288760/6		93		88		77
	MB 550-288833/6	98		93		99	
	MB 550-288949/7	100		94		95	
	MB 550-288978/6		92		86		78
	LCS 550-288554/3		91		87		82
	LCS 550-288639/3		88		90		79
	LCS 550-288643/3	98		96		107	
	LCS 550-288760/1002		96		93		86
	LCS 550-288833/3	97		93		105	
	LCS 550-288949/4	123		113		120	
	LCS 550-288978/1002		117		106		99
	LCSD 550-288554/4		93		87		83
	LCSD 550-288639/4		92		90		80

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rxi-624Sil ID: 0.25(mm) GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	DBFM #	TOL #	TOL #	BFB #	BFB #
	LCSD 550-288643/4	93		90		101	
	LCSD 550-288760/4		96		89		85
	LCSD 550-288833/4	99		94		102	
	LCSD 550-288949/5	121		113		117	
	LCSD 550-288978/4		124		111		103
R-34_D2_11-2022 MS	550-193293-2 MS		96		90		83
SMW-93D_11-2022 MS	550-193293-6 MS	116		104		113	
R-34_I2_11-2022 MS	550-193293-7 MS	97		96		105	
R-34_D2_11-2022 MSD	550-193293-2 MSD		99		91		86
SMW-93D_11-2022 MSD	550-193293-6 MSD	111		99		108	
R-34_I2_11-2022 MSD	550-193293-7 MSD	99		99		106	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	68-133	
1,1,1-Trichloroethane	50.0	49.6	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	44.7	89	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.4	101	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	42.0	84	62-139	
1,2,3-Trichloropropane	50.0	42.5	85	67-130	
1,2,4-Trichlorobenzene	50.0	44.4	89	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.4	93	58-133	
1,2-Dibromoethane	50.0	45.9	92	70-130	
1,2-Dichlorobenzene	50.0	42.4	85	70-130	
1,2-Dichloroethane	50.0	44.2	88	54-135	
1,2-Dichloropropane	50.0	46.5	93	80-120	
1,3,5-Trimethylbenzene	50.0	44.7	89	70-139	
1,3-Dichlorobenzene	50.0	44.3	89	70-130	
1,3-Dichloropropane	50.0	45.5	91	69-130	
1,4-Dichlorobenzene	50.0	43.5	87	70-130	
2,2-Dichloropropane	50.0	53.5	107	60-148	
2-Butanone (MEK)	50.0	52.3	105	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.0	102	56-141	
Acetone	50.0	43.6	87	11-150	
Benzene	50.0	46.2	92	67-130	
Bromobenzene	50.0	42.4	85	70-130	
Chlorobromomethane	50.0	48.1	96	59-139	
Dichlorobromomethane	50.0	45.6	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	56.7	113	10-150	
Carbon disulfide	50.0	58.4	117	36-150	
Carbon tetrachloride	50.0	46.3	93	60-134	
Chlorobenzene	50.0	44.0	88	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	60.2	120	46-150	
cis-1,2-Dichloroethene	50.0	45.7	91	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	66-134	
Chlorodibromomethane	50.0	45.4	91	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	29-150	
Ethylbenzene	50.0	46.0	92	80-120	
Freon 113	50.0	52.4	105	37-150	
Hexachlorobutadiene	50.0	45.8	92	58-134	
Isopropylbenzene	50.0	46.1	92	70-139	
m-Xylene & p-Xylene	50.0	45.0	90	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	49.0	98	55-136	
Naphthalene	50.0	42.5	85	64-135	
n-Butylbenzene	50.0	48.3	97	70-136	
N-Propylbenzene	50.0	45.8	92	66-142	
o-Xylene	50.0	45.1	90	68-136	
4-Isopropyltoluene	50.0	47.0	94	67-138	
sec-Butylbenzene	50.0	46.4	93	66-135	
Styrene	50.0	44.3	89	69-135	
tert-Butylbenzene	50.0	45.7	91	64-135	
Tetrachloroethene	50.0	45.9	92	63-131	
Toluene	50.0	46.6	93	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	48.1	96	66-136	
Trichloroethene	50.0	46.2	92	67-130	
Trichlorofluoromethane	50.0	50.3	101	62-147	
Vinyl acetate	50.0	57.6	115	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152203.D

Lab ID: LCS 550-288639/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.7	89	68-133	
1,1,1-Trichloroethane	50.0	53.2	106	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.0	92	60-135	
1,1,2-Trichloroethane	50.0	45.3	91	69-130	
1,1-Dichloroethane	50.0	53.1	106	65-132	
1,1-Dichloroethene	50.0	54.9	110	80-120	
1,1-Dichloropropene	50.0	54.6	109	63-130	
1,2,3-Trichlorobenzene	50.0	42.9	86	62-139	
1,2,3-Trichloropropane	50.0	45.0	90	67-130	
1,2,4-Trichlorobenzene	50.0	46.2	92	66-135	
1,2,4-Trimethylbenzene	50.0	48.3	97	70-134	
1,2-Dibromo-3-Chloropropane	50.0	52.2	104	58-133	
1,2-Dibromoethane	50.0	46.4	93	70-130	
1,2-Dichlorobenzene	50.0	43.1	86	70-130	
1,2-Dichloroethane	50.0	45.3	91	54-135	
1,2-Dichloropropane	50.0	48.6	97	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	70-139	
1,3-Dichlorobenzene	50.0	45.4	91	70-130	
1,3-Dichloropropane	50.0	46.4	93	69-130	
1,4-Dichlorobenzene	50.0	44.8	90	70-130	
2,2-Dichloropropane	50.0	57.0	114	60-148	
2-Butanone (MEK)	50.0	60.8	122	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.9	120	50-148	
4-Chlorotoluene	50.0	45.0	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	56.0	112	56-141	
Acetone	50.0	63.3	127	11-150	
Benzene	50.0	49.7	99	67-130	
Bromobenzene	50.0	42.1	84	70-130	
Chlorobromomethane	50.0	46.7	93	59-139	
Dichlorobromomethane	50.0	46.6	93	69-130	
Bromoform	50.0	37.4	75	67-140	
Bromomethane	50.0	50.9	102	10-150	
Carbon disulfide	50.0	62.5	125	36-150	
Carbon tetrachloride	50.0	52.7	105	60-134	
Chlorobenzene	50.0	46.4	93	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	62.2	124	46-150	
cis-1,2-Dichloroethene	50.0	48.3	97	64-130	
cis-1,3-Dichloropropene	50.0	48.6	97	66-134	
Chlorodibromomethane	50.0	44.9	90	65-133	
Dibromomethane	50.0	45.1	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152203.D

Lab ID: LCS 550-288639/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	60.6	121	29-150	
Ethylbenzene	50.0	49.4	99	80-120	
Freon 113	50.0	59.9	120	37-150	
Hexachlorobutadiene	50.0	51.9	104	58-134	
Isopropylbenzene	50.0	49.9	100	70-139	
m-Xylene & p-Xylene	50.0	48.2	96	67-137	
Methyl tert-butyl ether	50.0	48.6	97	59-139	
Methylene Chloride	50.0	48.3	97	55-136	
Naphthalene	50.0	45.4	91	64-135	
n-Butylbenzene	50.0	55.0	110	70-136	
N-Propylbenzene	50.0	50.1	100	66-142	
o-Xylene	50.0	46.2	92	68-136	
4-Isopropyltoluene	50.0	52.3	105	67-138	
sec-Butylbenzene	50.0	51.6	103	66-135	
Styrene	50.0	44.6	89	69-135	
tert-Butylbenzene	50.0	49.7	99	64-135	
Tetrachloroethene	50.0	51.2	102	63-131	
Toluene	50.0	49.1	98	71-123	
trans-1,2-Dichloroethene	50.0	53.5	107	65-132	
trans-1,3-Dichloropropene	50.0	48.6	97	66-136	
Trichloroethene	50.0	50.1	100	67-130	
Trichlorofluoromethane	50.0	57.3	115	62-147	
Vinyl acetate	50.0	56.3	113	51-150	
Vinyl chloride	50.0	62.4	125	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152203.D

Lab ID: LCS 550-288643/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	50.8	102	68-133	
1,1,1-Trichloroethane	50.0	52.2	104	62-134	
1,1,2,2-Tetrachloroethane	50.0	52.4	105	60-135	
1,1,2-Trichloroethane	50.0	52.1	104	69-130	
1,1-Dichloroethane	50.0	50.8	102	65-132	
1,1-Dichloroethene	50.0	51.4	103	80-120	
1,1-Dichloropropene	50.0	49.5	99	63-130	
1,2,3-Trichlorobenzene	50.0	47.5	95	62-139	
1,2,3-Trichloropropane	50.0	52.5	105	67-130	
1,2,4-Trichlorobenzene	50.0	47.3	95	66-135	
1,2,4-Trimethylbenzene	50.0	52.1	104	70-134	
1,2-Dibromo-3-Chloropropane	50.0	50.1	100	58-133	
1,2-Dibromoethane	50.0	50.8	102	70-130	
1,2-Dichlorobenzene	50.0	50.0	100	70-130	
1,2-Dichloroethane	50.0	50.2	100	54-135	
1,2-Dichloropropane	50.0	50.4	101	80-120	
1,3,5-Trimethylbenzene	50.0	54.0	108	70-139	
1,3-Dichlorobenzene	50.0	50.5	101	70-130	
1,3-Dichloropropane	50.0	51.6	103	69-130	
1,4-Dichlorobenzene	50.0	49.7	99	70-130	
2,2-Dichloropropane	50.0	51.7	103	60-148	
2-Butanone (MEK)	50.0	51.8	104	50-150	
Methyl n-butyl ketone (MNBK)	50.0	54.7	109	50-148	
4-Chlorotoluene	50.0	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	54.4	109	56-141	
Acetone	50.0	48.5	97	11-150	
Benzene	50.0	48.1	96	67-130	
Bromobenzene	50.0	53.6	107	70-130	
Chlorobromomethane	50.0	51.2	102	59-139	
Dichlorobromomethane	50.0	50.4	101	69-130	
Bromoform	50.0	55.6	111	67-140	
Bromomethane	50.0	48.1	96	10-150	
Carbon disulfide	50.0	52.5	105	36-150	
Carbon tetrachloride	50.0	51.1	102	60-134	
Chlorobenzene	50.0	50.6	101	70-130	
Chloroethane	50.0	48.4	97	57-150	
Chloroform	50.0	50.0	100	80-120	
Chloromethane	50.0	46.2	92	46-150	
cis-1,2-Dichloroethene	50.0	49.2	98	64-130	
cis-1,3-Dichloropropene	50.0	51.9	104	66-134	
Chlorodibromomethane	50.0	51.7	103	65-133	
Dibromomethane	50.0	51.6	103	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152203.D

Lab ID: LCS 550-288643/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	48.7	97	29-150	
Ethylbenzene	50.0	50.4	101	80-120	
Freon 113	50.0	49.1	98	37-150	
Hexachlorobutadiene	50.0	51.0	102	58-134	
Isopropylbenzene	50.0	53.2	106	70-139	
m-Xylene & p-Xylene	50.0	53.7	107	67-137	
Methyl tert-butyl ether	50.0	53.5	107	59-139	
Methylene Chloride	50.0	52.5	105	55-136	
Naphthalene	50.0	49.2	98	64-135	
n-Butylbenzene	50.0	51.4	103	70-136	
N-Propylbenzene	50.0	51.9	104	66-142	
o-Xylene	50.0	53.7	107	68-136	
4-Isopropyltoluene	50.0	52.8	106	67-138	
sec-Butylbenzene	50.0	52.8	106	66-135	
Styrene	50.0	54.6	109	69-135	
tert-Butylbenzene	50.0	55.0	110	64-135	
Tetrachloroethene	50.0	51.5	103	63-131	
Toluene	50.0	51.3	103	71-123	
trans-1,2-Dichloroethene	50.0	51.9	104	65-132	
trans-1,3-Dichloropropene	50.0	52.0	104	66-136	
Trichloroethene	50.0	50.5	101	67-130	
Trichlorofluoromethane	50.0	47.7	95	62-147	
Vinyl acetate	50.0	52.9	106	51-150	
Vinyl chloride	50.0	47.2	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11162206-LCS.d

Lab ID: LCS 550-288760/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.4	89	68-133	
1,1,1-Trichloroethane	50.0	51.2	102	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.1	86	60-135	
1,1,2-Trichloroethane	50.0	43.4	87	69-130	
1,1-Dichloroethane	50.0	51.5	103	65-132	
1,1-Dichloroethene	50.0	51.6	103	80-120	
1,1-Dichloropropene	50.0	49.2	98	63-130	
1,2,3-Trichlorobenzene	50.0	45.3	91	62-139	
1,2,3-Trichloropropane	50.0	41.3	83	67-130	
1,2,4-Trichlorobenzene	50.0	47.2	94	66-135	
1,2,4-Trimethylbenzene	50.0	46.9	94	70-134	
1,2-Dibromo-3-Chloropropane	50.0	47.4	95	58-133	
1,2-Dibromoethane	50.0	44.7	89	70-130	
1,2-Dichlorobenzene	50.0	42.5	85	70-130	
1,2-Dichloroethane	50.0	43.4	87	54-135	
1,2-Dichloropropane	50.0	46.4	93	80-120	
1,3,5-Trimethylbenzene	50.0	48.5	97	70-139	
1,3-Dichlorobenzene	50.0	44.0	88	70-130	
1,3-Dichloropropane	50.0	44.2	88	69-130	
1,4-Dichlorobenzene	50.0	43.7	87	70-130	
2,2-Dichloropropane	50.0	55.2	110	60-148	
2-Butanone (MEK)	50.0	51.7	103	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	44.4	89	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	50.4	101	56-141	
Acetone	50.0	48.2	96	11-150	
Benzene	50.0	46.5	93	67-130	
Bromobenzene	50.0	42.5	85	70-130	
Chlorobromomethane	50.0	47.6	95	59-139	
Dichlorobromomethane	50.0	45.4	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	52.4	105	10-150	
Carbon disulfide	50.0	59.1	118	36-150	
Carbon tetrachloride	50.0	48.4	97	60-134	
Chlorobenzene	50.0	44.1	88	70-130	
Chloroethane	50.0	56.6	113	57-150	
Chloroform	50.0	48.9	98	80-120	
Chloromethane	50.0	48.7	97	46-150	
cis-1,2-Dichloroethene	50.0	46.4	93	64-130	
cis-1,3-Dichloropropene	50.0	48.2	96	66-134	
Chlorodibromomethane	50.0	45.1	90	65-133	
Dibromomethane	50.0	44.5	89	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11162206-LCS.d

Lab ID: LCS 550-288760/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	50.3	101	29-150	
Ethylbenzene	50.0	47.0	94	80-120	
Freon 113	50.0	53.4	107	37-150	
Hexachlorobutadiene	50.0	52.7	105	58-134	
Isopropylbenzene	50.0	48.0	96	70-139	
m-Xylene & p-Xylene	50.0	46.6	93	67-137	
Methyl tert-butyl ether	50.0	48.2	96	59-139	
Methylene Chloride	50.0	48.5	97	55-136	
Naphthalene	50.0	44.6	89	64-135	
n-Butylbenzene	50.0	52.6	105	70-136	
N-Propylbenzene	50.0	48.2	96	66-142	
o-Xylene	50.0	45.7	91	68-136	
4-Isopropyltoluene	50.0	49.6	99	67-138	
sec-Butylbenzene	50.0	49.2	98	66-135	
Styrene	50.0	45.1	90	69-135	
tert-Butylbenzene	50.0	48.2	96	64-135	
Tetrachloroethene	50.0	47.2	94	63-131	
Toluene	50.0	46.8	94	71-123	
trans-1,2-Dichloroethene	50.0	51.5	103	65-132	
trans-1,3-Dichloropropene	50.0	48.4	97	66-136	
Trichloroethene	50.0	47.2	94	67-130	
Trichlorofluoromethane	50.0	54.5	109	62-147	
Vinyl acetate	50.0	55.4	111	51-150	
Vinyl chloride	50.0	62.2	124	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162235.D

Lab ID: LCS 550-288833/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	52.2	104	68-133	
1,1,1-Trichloroethane	50.0	52.9	106	62-134	
1,1,2,2-Tetrachloroethane	50.0	49.8	100	60-135	
1,1,2-Trichloroethane	50.0	50.5	101	69-130	
1,1-Dichloroethane	50.0	49.2	98	65-132	
1,1-Dichloroethene	50.0	51.8	104	80-120	
1,1-Dichloropropene	50.0	46.9	94	63-130	
1,2,3-Trichlorobenzene	50.0	52.1	104	62-139	
1,2,3-Trichloropropane	50.0	49.5	99	67-130	
1,2,4-Trichlorobenzene	50.0	49.7	99	66-135	
1,2,4-Trimethylbenzene	50.0	51.9	104	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.4	99	58-133	
1,2-Dibromoethane	50.0	49.2	98	70-130	
1,2-Dichlorobenzene	50.0	50.4	101	70-130	
1,2-Dichloroethane	50.0	47.7	95	54-135	
1,2-Dichloropropane	50.0	48.6	97	80-120	
1,3,5-Trimethylbenzene	50.0	53.3	107	70-139	
1,3-Dichlorobenzene	50.0	49.2	98	70-130	
1,3-Dichloropropane	50.0	49.9	100	69-130	
1,4-Dichlorobenzene	50.0	48.3	97	70-130	
2,2-Dichloropropane	50.0	49.4	99	60-148	
2-Butanone (MEK)	50.0	51.0	102	50-150	
Methyl n-butyl ketone (MNBK)	50.0	48.5	97	50-148	
4-Chlorotoluene	50.0	49.6	99	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	49.5	99	56-141	
Acetone	50.0	71.0	142	11-150	
Benzene	50.0	47.1	94	67-130	
Bromobenzene	50.0	53.3	107	70-130	
Chlorobromomethane	50.0	50.7	101	59-139	
Dichlorobromomethane	50.0	48.2	96	69-130	
Bromoform	50.0	53.7	107	67-140	
Bromomethane	50.0	68.7	137	10-150	
Carbon disulfide	50.0	54.3	109	36-150	
Carbon tetrachloride	50.0	50.1	100	60-134	
Chlorobenzene	50.0	49.1	98	70-130	
Chloroethane	50.0	53.0	106	57-150	
Chloroform	50.0	49.3	99	80-120	
Chloromethane	50.0	44.6	89	46-150	
cis-1,2-Dichloroethene	50.0	46.9	94	64-130	
cis-1,3-Dichloropropene	50.0	49.3	99	66-134	
Chlorodibromomethane	50.0	50.5	101	65-133	
Dibromomethane	50.0	49.4	99	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162235.D

Lab ID: LCS 550-288833/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	47.5	95	29-150	
Ethylbenzene	50.0	48.2	96	80-120	
Freon 113	50.0	53.5	107	37-150	
Hexachlorobutadiene	50.0	53.3	107	58-134	
Isopropylbenzene	50.0	52.9	106	70-139	
m-Xylene & p-Xylene	50.0	52.3	105	67-137	
Methyl tert-butyl ether	50.0	52.8	106	59-139	
Methylene Chloride	50.0	52.9	106	55-136	
Naphthalene	50.0	53.0	106	64-135	
n-Butylbenzene	50.0	49.0	98	70-136	
N-Propylbenzene	50.0	49.9	100	66-142	
o-Xylene	50.0	52.2	104	68-136	
4-Isopropyltoluene	50.0	52.6	105	67-138	
sec-Butylbenzene	50.0	53.2	106	66-135	
Styrene	50.0	53.2	106	69-135	
tert-Butylbenzene	50.0	55.8	112	64-135	
Tetrachloroethene	50.0	50.1	100	63-131	
Toluene	50.0	49.7	99	71-123	
trans-1,2-Dichloroethene	50.0	50.8	102	65-132	
trans-1,3-Dichloropropene	50.0	49.3	99	66-136	
Trichloroethene	50.0	48.1	96	67-130	
Trichlorofluoromethane	50.0	52.7	105	62-147	
Vinyl acetate	50.0	48.3	97	51-150	
Vinyl chloride	50.0	58.3	117	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162295.D

Lab ID: LCS 550-288949/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	62.5	125	68-133	
1,1,1-Trichloroethane	50.0	64.0	128	62-134	
1,1,2,2-Tetrachloroethane	50.0	54.1	108	60-135	
1,1,2-Trichloroethane	50.0	58.0	116	69-130	
1,1-Dichloroethane	50.0	56.7	113	65-132	
1,1-Dichloroethene	50.0	60.8	122	80-120	*+
1,1-Dichloropropene	50.0	56.8	114	63-130	
1,2,3-Trichlorobenzene	50.0	58.4	117	62-139	
1,2,3-Trichloropropane	50.0	59.4	119	67-130	
1,2,4-Trichlorobenzene	50.0	54.9	110	66-135	
1,2,4-Trimethylbenzene	50.0	58.9	118	70-134	
1,2-Dibromo-3-Chloropropane	50.0	59.4	119	58-133	
1,2-Dibromoethane	50.0	57.8	116	70-130	
1,2-Dichlorobenzene	50.0	58.7	117	70-130	
1,2-Dichloroethane	50.0	57.4	115	54-135	
1,2-Dichloropropane	50.0	54.1	108	80-120	
1,3,5-Trimethylbenzene	50.0	60.3	121	70-139	
1,3-Dichlorobenzene	50.0	57.1	114	70-130	
1,3-Dichloropropane	50.0	55.6	111	69-130	
1,4-Dichlorobenzene	50.0	56.1	112	70-130	
2,2-Dichloropropane	50.0	57.4	115	60-148	
2-Butanone (MEK)	50.0	62.1	124	50-150	
Methyl n-butyl ketone (MNBK)	50.0	56.6	113	50-148	
4-Chlorotoluene	50.0	54.7	109	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	57.5	115	56-141	
Acetone	50.0	63.6	127	11-150	
Benzene	50.0	54.5	109	67-130	
Bromobenzene	50.0	62.6	125	70-130	
Chlorobromomethane	50.0	61.8	124	59-139	
Dichlorobromomethane	50.0	57.7	115	69-130	
Bromoform	50.0	66.6	133	67-140	
Bromomethane	50.0	77.4	155	10-150	*+
Carbon disulfide	50.0	60.4	121	36-150	
Carbon tetrachloride	50.0	63.4	127	60-134	
Chlorobenzene	50.0	57.1	114	70-130	
Chloroethane	50.0	56.5	113	57-150	
Chloroform	50.0	59.3	119	80-120	
Chloromethane	50.0	44.8	90	46-150	
cis-1,2-Dichloroethene	50.0	57.2	114	64-130	
cis-1,3-Dichloropropene	50.0	54.8	110	66-134	
Chlorodibromomethane	50.0	60.9	122	65-133	
Dibromomethane	50.0	59.7	119	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162295.D

Lab ID: LCS 550-288949/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.0	106	29-150	
Ethylbenzene	50.0	55.6	111	80-120	
Freon 113	50.0	58.5	117	37-150	
Hexachlorobutadiene	50.0	60.8	122	58-134	
Isopropylbenzene	50.0	61.1	122	70-139	
m-Xylene & p-Xylene	50.0	60.1	120	67-137	
Methyl tert-butyl ether	50.0	62.0	124	59-139	
Methylene Chloride	50.0	59.9	120	55-136	
Naphthalene	50.0	59.5	119	64-135	
n-Butylbenzene	50.0	53.5	107	70-136	
N-Propylbenzene	50.0	56.2	112	66-142	
o-Xylene	50.0	60.5	121	68-136	
4-Isopropyltoluene	50.0	59.6	119	67-138	
sec-Butylbenzene	50.0	60.1	120	66-135	
Styrene	50.0	60.1	120	69-135	
tert-Butylbenzene	50.0	63.9	128	64-135	
Tetrachloroethene	50.0	61.6	123	63-131	
Toluene	50.0	57.2	114	71-123	
trans-1,2-Dichloroethene	50.0	60.7	121	65-132	
trans-1,3-Dichloropropene	50.0	56.0	112	66-136	
Trichloroethene	50.0	60.4	121	67-130	
Trichlorofluoromethane	50.0	61.8	124	62-147	
Vinyl acetate	50.0	37.5	75	51-150	
Vinyl chloride	50.0	58.7	117	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182203-LCS.d

Lab ID: LCS 550-288978/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	51.5	103	68-133	
1,1,1-Trichloroethane	50.0	57.9	116	62-134	
1,1,2,2-Tetrachloroethane	50.0	47.3	95	60-135	
1,1,2-Trichloroethane	50.0	50.8	102	69-130	
1,1-Dichloroethane	50.0	60.8	122	65-132	
1,1-Dichloroethene	50.0	57.6	115	80-120	
1,1-Dichloropropene	50.0	52.7	105	63-130	
1,2,3-Trichlorobenzene	50.0	50.7	101	62-139	
1,2,3-Trichloropropane	50.0	44.6	89	67-130	
1,2,4-Trichlorobenzene	50.0	53.2	106	66-135	
1,2,4-Trimethylbenzene	50.0	52.1	104	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.9	94	58-133	
1,2-Dibromoethane	50.0	51.0	102	70-130	
1,2-Dichlorobenzene	50.0	49.2	98	70-130	
1,2-Dichloroethane	50.0	49.9	100	54-135	
1,2-Dichloropropane	50.0	53.2	106	80-120	
1,3,5-Trimethylbenzene	50.0	50.3	101	70-139	
1,3-Dichlorobenzene	50.0	50.5	101	70-130	
1,3-Dichloropropane	50.0	51.8	104	69-130	
1,4-Dichlorobenzene	50.0	50.0	100	70-130	
2,2-Dichloropropane	50.0	62.9	126	60-148	
2-Butanone (MEK)	50.0	60.7	121	50-150	
Methyl n-butyl ketone (MNBK)	50.0	57.7	115	50-148	
4-Chlorotoluene	50.0	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	54.9	110	56-141	
Acetone	50.0	57.1	114	11-150	
Benzene	50.0	52.8	106	67-130	
Bromobenzene	50.0	48.3	97	70-130	
Chlorobromomethane	50.0	57.8	116	59-139	
Dichlorobromomethane	50.0	51.5	103	69-130	
Bromoform	50.0	38.2	76	67-140	
Bromomethane	50.0	56.1	112	10-150	
Carbon disulfide	50.0	65.1	130	36-150	
Carbon tetrachloride	50.0	51.2	102	60-134	
Chlorobenzene	50.0	51.9	104	70-130	
Chloroethane	50.0	67.7	135	57-150	
Chloroform	50.0	58.5	117	80-120	
Chloromethane	50.0	55.5	111	46-150	
cis-1,2-Dichloroethene	50.0	52.7	105	64-130	
cis-1,3-Dichloropropene	50.0	52.8	106	66-134	
Chlorodibromomethane	50.0	49.5	99	65-133	
Dibromomethane	50.0	50.5	101	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182203-LCS.d

Lab ID: LCS 550-288978/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	51.2	102	29-150	
Ethylbenzene	50.0	53.4	107	80-120	
Freon 113	50.0	58.7	117	37-150	
Hexachlorobutadiene	50.0	55.8	112	58-134	
Isopropylbenzene	50.0	50.8	102	70-139	
m-Xylene & p-Xylene	50.0	50.4	101	67-137	
Methyl tert-butyl ether	50.0	58.9	118	59-139	
Methylene Chloride	50.0	58.9	118	55-136	
Naphthalene	50.0	48.2	96	64-135	
n-Butylbenzene	50.0	55.4	111	70-136	
N-Propylbenzene	50.0	50.9	102	66-142	
o-Xylene	50.0	50.1	100	68-136	
4-Isopropyltoluene	50.0	53.9	108	67-138	
sec-Butylbenzene	50.0	52.1	104	66-135	
Styrene	50.0	49.8	100	69-135	
tert-Butylbenzene	50.0	52.2	104	64-135	
Tetrachloroethene	50.0	52.1	104	63-131	
Toluene	50.0	52.9	106	71-123	
trans-1,2-Dichloroethene	50.0	59.3	119	65-132	
trans-1,3-Dichloropropene	50.0	53.2	106	66-136	
Trichloroethene	50.0	52.0	104	67-130	
Trichlorofluoromethane	50.0	59.4	119	62-147	
Vinyl acetate	50.0	65.7	131	51-150	
Vinyl chloride	50.0	70.4	141	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	5	20	60-135	
1,1,2-Trichloroethane	50.0	45.9	92	2	20	69-130	
1,1-Dichloroethane	50.0	51.3	103	0	20	65-132	
1,1-Dichloroethene	50.0	50.4	101	0	23	80-120	
1,1-Dichloropropene	50.0	47.6	95	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	40.4	81	4	20	62-139	
1,2,3-Trichloropropane	50.0	45.4	91	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.6	85	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.0	92	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	7	21	58-133	
1,2-Dibromoethane	50.0	47.1	94	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.9	86	1	20	70-130	
1,2-Dichloroethane	50.0	44.8	90	1	20	54-135	
1,2-Dichloropropane	50.0	46.9	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.4	89	0	20	70-130	
1,3-Dichloropropane	50.0	46.3	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	2	20	70-130	
2,2-Dichloropropane	50.0	53.9	108	1	21	60-148	
2-Butanone (MEK)	50.0	59.0	118	12	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.1	118	11	29	50-148	
4-Chlorotoluene	50.0	45.7	91	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.9	112	9	23	56-141	
Acetone	50.0	49.7	99	13	35	11-150	
Benzene	50.0	46.1	92	0	20	67-130	
Bromobenzene	50.0	43.0	86	1	20	70-130	
Chlorobromomethane	50.0	48.7	97	1	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	39.6	79	3	20	67-140	
Bromomethane	50.0	56.3	113	1	31	10-150	
Carbon disulfide	50.0	58.6	117	0	26	36-150	
Carbon tetrachloride	50.0	46.3	93	0	20	60-134	
Chlorobenzene	50.0	44.7	89	2	20	70-130	
Chloroethane	50.0	57.9	116	2	29	57-150	
Chloroform	50.0	49.0	98	0	20	80-120	
Chloromethane	50.0	59.4	119	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	1	20	64-130	
cis-1,3-Dichloropropene	50.0	47.2	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	45.7	91	2	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	1	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	53.4	107	2	20	37-150	
Hexachlorobutadiene	50.0	43.8	88	4	20	58-134	
Isopropylbenzene	50.0	46.3	93	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.5	91	1	20	67-137	
Methyl tert-butyl ether	50.0	53.0	106	3	22	59-139	
Methylene Chloride	50.0	49.0	98	0	23	55-136	
Naphthalene	50.0	42.6	85	0	20	64-135	
n-Butylbenzene	50.0	48.5	97	0	20	70-136	
N-Propylbenzene	50.0	45.8	92	0	20	66-142	
o-Xylene	50.0	44.2	88	2	20	68-136	
4-Isopropyltoluene	50.0	47.4	95	1	20	67-138	
sec-Butylbenzene	50.0	46.1	92	1	20	66-135	
Styrene	50.0	44.2	88	0	20	69-135	
tert-Butylbenzene	50.0	45.7	91	0	20	64-135	
Tetrachloroethene	50.0	46.3	93	1	20	63-131	
Toluene	50.0	46.0	92	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.5	101	0	20	65-132	
trans-1,3-Dichloropropene	50.0	48.0	96	0	20	66-136	
Trichloroethene	50.0	45.9	92	1	20	67-130	
Trichlorofluoromethane	50.0	51.0	102	1	22	62-147	
Vinyl acetate	50.0	57.8	116	0	29	51-150	
Vinyl chloride	50.0	57.6	115	0	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152204.D

Lab ID: LCSD 550-288639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	46.2	92	3	20	68-133	
1,1,1-Trichloroethane	50.0	52.2	104	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.0	92	0	20	60-135	
1,1,2-Trichloroethane	50.0	46.4	93	2	20	69-130	
1,1-Dichloroethane	50.0	53.4	107	0	20	65-132	
1,1-Dichloroethene	50.0	52.8	106	4	23	80-120	
1,1-Dichloropropene	50.0	50.8	102	7	20	63-130	
1,2,3-Trichlorobenzene	50.0	41.8	84	3	20	62-139	
1,2,3-Trichloropropane	50.0	44.0	88	2	20	67-130	
1,2,4-Trichlorobenzene	50.0	44.2	88	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.9	94	3	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	48.6	97	7	21	58-133	
1,2-Dibromoethane	50.0	47.2	94	2	20	70-130	
1,2-Dichlorobenzene	50.0	43.3	87	1	20	70-130	
1,2-Dichloroethane	50.0	45.6	91	1	20	54-135	
1,2-Dichloropropane	50.0	48.5	97	0	20	80-120	
1,3,5-Trimethylbenzene	50.0	48.3	97	5	20	70-139	
1,3-Dichlorobenzene	50.0	45.1	90	1	20	70-130	
1,3-Dichloropropane	50.0	47.1	94	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	1	20	70-130	
2,2-Dichloropropane	50.0	55.8	112	2	21	60-148	
2-Butanone (MEK)	50.0	59.8	120	2	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	58.4	117	2	29	50-148	
4-Chlorotoluene	50.0	46.4	93	3	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.2	110	2	23	56-141	
Acetone	50.0	60.8	122	4	35	11-150	
Benzene	50.0	48.4	97	3	20	67-130	
Bromobenzene	50.0	42.7	85	1	20	70-130	
Chlorobromomethane	50.0	49.0	98	5	20	59-139	
Dichlorobromomethane	50.0	46.8	94	0	20	69-130	
Bromoform	50.0	38.5	77	3	20	67-140	
Bromomethane	50.0	54.0	108	6	31	10-150	
Carbon disulfide	50.0	60.5	121	3	26	36-150	
Carbon tetrachloride	50.0	49.7	99	6	20	60-134	
Chlorobenzene	50.0	46.1	92	1	20	70-130	
Chloroethane	50.0	58.9	118	3	29	57-150	
Chloroform	50.0	50.2	100	3	20	80-120	
Chloromethane	50.0	58.2	116	7	30	46-150	
cis-1,2-Dichloroethene	50.0	47.8	96	1	20	64-130	
cis-1,3-Dichloropropene	50.0	49.9	100	3	20	66-134	
Chlorodibromomethane	50.0	46.8	94	4	20	65-133	
Dibromomethane	50.0	46.4	93	3	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152204.D

Lab ID: LCSD 550-288639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	56.6	113	7	30	29-150	
Ethylbenzene	50.0	48.9	98	1	20	80-120	
Freon 113	50.0	56.7	113	5	20	37-150	
Hexachlorobutadiene	50.0	46.8	94	10	20	58-134	
Isopropylbenzene	50.0	47.9	96	4	20	70-139	
m-Xylene & p-Xylene	50.0	46.1	92	4	20	67-137	
Methyl tert-butyl ether	50.0	51.7	103	6	22	59-139	
Methylene Chloride	50.0	49.8	100	3	23	55-136	
Naphthalene	50.0	42.8	86	6	20	64-135	
n-Butylbenzene	50.0	51.9	104	6	20	70-136	
N-Propylbenzene	50.0	48.1	96	4	20	66-142	
o-Xylene	50.0	45.8	92	1	20	68-136	
4-Isopropyltoluene	50.0	49.7	99	5	20	67-138	
sec-Butylbenzene	50.0	49.0	98	5	20	66-135	
Styrene	50.0	44.6	89	0	20	69-135	
tert-Butylbenzene	50.0	47.6	95	4	20	64-135	
Tetrachloroethene	50.0	49.1	98	4	20	63-131	
Toluene	50.0	48.6	97	1	20	71-123	
trans-1,2-Dichloroethene	50.0	52.6	105	2	20	65-132	
trans-1,3-Dichloropropene	50.0	50.2	100	3	20	66-136	
Trichloroethene	50.0	49.1	98	2	20	67-130	
Trichlorofluoromethane	50.0	54.0	108	6	22	62-147	
Vinyl acetate	50.0	56.6	113	0	29	51-150	
Vinyl chloride	50.0	59.0	118	6	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152204.D

Lab ID: LCSD 550-288643/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	49.4	99	3	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	4	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	48.9	98	7	20	60-135	
1,1,2-Trichloroethane	50.0	49.8	100	5	20	69-130	
1,1-Dichloroethane	50.0	48.3	97	5	20	65-132	
1,1-Dichloroethene	50.0	48.4	97	6	23	80-120	
1,1-Dichloropropene	50.0	47.7	95	4	20	63-130	
1,2,3-Trichlorobenzene	50.0	46.0	92	3	20	62-139	
1,2,3-Trichloropropane	50.0	49.0	98	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	46.3	93	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	51.7	103	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.8	94	7	21	58-133	
1,2-Dibromoethane	50.0	48.3	97	5	20	70-130	
1,2-Dichlorobenzene	50.0	49.2	98	2	20	70-130	
1,2-Dichloroethane	50.0	47.9	96	5	20	54-135	
1,2-Dichloropropane	50.0	48.5	97	4	20	80-120	
1,3,5-Trimethylbenzene	50.0	52.5	105	3	20	70-139	
1,3-Dichlorobenzene	50.0	50.6	101	0	20	70-130	
1,3-Dichloropropane	50.0	49.2	98	5	20	69-130	
1,4-Dichlorobenzene	50.0	49.3	99	1	20	70-130	
2,2-Dichloropropane	50.0	49.5	99	4	21	60-148	
2-Butanone (MEK)	50.0	46.6	93	11	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	50.2	100	9	29	50-148	
4-Chlorotoluene	50.0	51.1	102	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	48.5	97	12	23	56-141	
Acetone	50.0	43.8	88	10	35	11-150	
Benzene	50.0	47.3	95	2	20	67-130	
Bromobenzene	50.0	52.5	105	2	20	70-130	
Chlorobromomethane	50.0	49.2	98	4	20	59-139	
Dichlorobromomethane	50.0	48.5	97	4	20	69-130	
Bromoform	50.0	53.2	106	4	20	67-140	
Bromomethane	50.0	43.9	88	9	31	10-150	
Carbon disulfide	50.0	49.8	100	5	26	36-150	
Carbon tetrachloride	50.0	48.9	98	4	20	60-134	
Chlorobenzene	50.0	49.5	99	2	20	70-130	
Chloroethane	50.0	47.0	94	3	29	57-150	
Chloroform	50.0	48.6	97	3	20	80-120	
Chloromethane	50.0	45.4	91	2	30	46-150	
cis-1,2-Dichloroethene	50.0	47.4	95	4	20	64-130	
cis-1,3-Dichloropropene	50.0	50.5	101	3	20	66-134	
Chlorodibromomethane	50.0	49.5	99	4	20	65-133	
Dibromomethane	50.0	48.4	97	6	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152204.D

Lab ID: LCSD 550-288643/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	46.9	94	4	30	29-150	
Ethylbenzene	50.0	48.7	97	3	20	80-120	
Freon 113	50.0	47.7	95	3	20	37-150	
Hexachlorobutadiene	50.0	51.7	103	1	20	58-134	
Isopropylbenzene	50.0	52.4	105	2	20	70-139	
m-Xylene & p-Xylene	50.0	53.4	107	1	20	67-137	
Methyl tert-butyl ether	50.0	49.4	99	8	22	59-139	
Methylene Chloride	50.0	49.2	98	6	23	55-136	
Naphthalene	50.0	46.8	94	5	20	64-135	
n-Butylbenzene	50.0	51.0	102	1	20	70-136	
N-Propylbenzene	50.0	51.4	103	1	20	66-142	
o-Xylene	50.0	52.5	105	2	20	68-136	
4-Isopropyltoluene	50.0	52.2	104	1	20	67-138	
sec-Butylbenzene	50.0	52.2	104	1	20	66-135	
Styrene	50.0	54.1	108	1	20	69-135	
tert-Butylbenzene	50.0	54.3	109	1	20	64-135	
Tetrachloroethene	50.0	50.1	100	3	20	63-131	
Toluene	50.0	50.2	100	2	20	71-123	
trans-1,2-Dichloroethene	50.0	49.4	99	5	20	65-132	
trans-1,3-Dichloropropene	50.0	50.7	101	2	20	66-136	
Trichloroethene	50.0	48.6	97	4	20	67-130	
Trichlorofluoromethane	50.0	46.9	94	2	22	62-147	
Vinyl acetate	50.0	49.4	99	7	29	51-150	
Vinyl chloride	50.0	45.2	90	4	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162207.D

Lab ID: LCSD 550-288760/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.3	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	51.0	102	0	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.7	87	1	20	60-135	
1,1,2-Trichloroethane	50.0	44.7	89	3	20	69-130	
1,1-Dichloroethane	50.0	51.6	103	0	20	65-132	
1,1-Dichloroethene	50.0	51.0	102	1	23	80-120	
1,1-Dichloropropene	50.0	47.2	94	4	20	63-130	
1,2,3-Trichlorobenzene	50.0	43.5	87	4	20	62-139	
1,2,3-Trichloropropane	50.0	42.0	84	2	20	67-130	
1,2,4-Trichlorobenzene	50.0	45.9	92	3	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.7	93	0	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.5	93	2	21	58-133	
1,2-Dibromoethane	50.0	46.0	92	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.3	85	1	20	70-130	
1,2-Dichloroethane	50.0	43.7	87	1	20	54-135	
1,2-Dichloropropane	50.0	45.9	92	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.4	93	4	20	70-139	
1,3-Dichlorobenzene	50.0	44.6	89	1	20	70-130	
1,3-Dichloropropane	50.0	45.6	91	3	20	69-130	
1,4-Dichlorobenzene	50.0	43.6	87	0	20	70-130	
2,2-Dichloropropane	50.0	54.3	109	2	21	60-148	
2-Butanone (MEK)	50.0	56.0	112	8	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	54.7	109	3	29	50-148	
4-Chlorotoluene	50.0	45.3	91	2	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.7	103	3	23	56-141	
Acetone	50.0	48.7	97	1	35	11-150	
Benzene	50.0	45.1	90	3	20	67-130	
Bromobenzene	50.0	42.5	85	0	20	70-130	
Chlorobromomethane	50.0	48.5	97	2	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	38.8	78	1	20	67-140	
Bromomethane	50.0	50.5	101	4	31	10-150	
Carbon disulfide	50.0	58.2	116	1	26	36-150	
Carbon tetrachloride	50.0	46.4	93	4	20	60-134	
Chlorobenzene	50.0	44.4	89	1	20	70-130	
Chloroethane	50.0	57.5	115	2	29	57-150	
Chloroform	50.0	49.6	99	2	20	80-120	
Chloromethane	50.0	47.3	95	3	30	46-150	
cis-1,2-Dichloroethene	50.0	44.8	90	4	20	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	1	20	66-134	
Chlorodibromomethane	50.0	45.9	92	2	20	65-133	
Dibromomethane	50.0	44.5	89	0	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162207.D

Lab ID: LCSD 550-288760/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	48.1	96	5	30	29-150	
Ethylbenzene	50.0	46.8	94	0	20	80-120	
Freon 113	50.0	53.1	106	1	20	37-150	
Hexachlorobutadiene	50.0	51.6	103	2	20	58-134	
Isopropylbenzene	50.0	47.2	94	2	20	70-139	
m-Xylene & p-Xylene	50.0	45.6	91	2	20	67-137	
Methyl tert-butyl ether	50.0	50.3	101	4	22	59-139	
Methylene Chloride	50.0	48.7	97	1	23	55-136	
Naphthalene	50.0	44.1	88	1	20	64-135	
n-Butylbenzene	50.0	52.1	104	1	20	70-136	
N-Propylbenzene	50.0	48.1	96	0	20	66-142	
o-Xylene	50.0	45.4	91	1	20	68-136	
4-Isopropyltoluene	50.0	50.4	101	1	20	67-138	
sec-Butylbenzene	50.0	49.4	99	0	20	66-135	
Styrene	50.0	45.0	90	0	20	69-135	
tert-Butylbenzene	50.0	48.8	98	1	20	64-135	
Tetrachloroethene	50.0	46.8	94	1	20	63-131	
Toluene	50.0	45.9	92	2	20	71-123	
trans-1,2-Dichloroethene	50.0	51.1	102	1	20	65-132	
trans-1,3-Dichloropropene	50.0	48.9	98	1	20	66-136	
Trichloroethene	50.0	46.1	92	2	20	67-130	
Trichlorofluoromethane	50.0	53.9	108	1	22	62-147	
Vinyl acetate	50.0	58.6	117	6	29	51-150	
Vinyl chloride	50.0	60.6	121	3	27	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162236.D

Lab ID: LCSD 550-288833/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	52.6	105	1	20	68-133	
1,1,1-Trichloroethane	50.0	54.7	109	3	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	48.3	97	3	20	60-135	
1,1,2-Trichloroethane	50.0	51.4	103	2	20	69-130	
1,1-Dichloroethane	50.0	49.6	99	1	20	65-132	
1,1-Dichloroethene	50.0	52.5	105	1	23	80-120	
1,1-Dichloropropene	50.0	45.8	92	2	20	63-130	
1,2,3-Trichlorobenzene	50.0	53.0	106	2	20	62-139	
1,2,3-Trichloropropane	50.0	48.0	96	3	20	67-130	
1,2,4-Trichlorobenzene	50.0	49.4	99	1	20	66-135	
1,2,4-Trimethylbenzene	50.0	50.4	101	3	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.7	99	1	21	58-133	
1,2-Dibromoethane	50.0	51.1	102	4	20	70-130	
1,2-Dichlorobenzene	50.0	50.8	102	1	20	70-130	
1,2-Dichloroethane	50.0	47.3	95	1	20	54-135	
1,2-Dichloropropane	50.0	49.0	98	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	51.0	102	4	20	70-139	
1,3-Dichlorobenzene	50.0	49.7	99	1	20	70-130	
1,3-Dichloropropane	50.0	51.1	102	2	20	69-130	
1,4-Dichlorobenzene	50.0	49.1	98	2	20	70-130	
2,2-Dichloropropane	50.0	51.5	103	4	21	60-148	
2-Butanone (MEK)	50.0	52.4	105	3	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.4	105	8	29	50-148	
4-Chlorotoluene	50.0	48.6	97	2	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.3	103	4	23	56-141	
Acetone	50.0	65.1	130	9	35	11-150	
Benzene	50.0	46.6	93	1	20	67-130	
Bromobenzene	50.0	51.5	103	3	20	70-130	
Chlorobromomethane	50.0	50.9	102	0	20	59-139	
Dichlorobromomethane	50.0	48.1	96	0	20	69-130	
Bromoform	50.0	52.4	105	2	20	67-140	
Bromomethane	50.0	75.3	151	9	31	10-150	*+
Carbon disulfide	50.0	55.0	110	1	26	36-150	
Carbon tetrachloride	50.0	50.1	100	0	20	60-134	
Chlorobenzene	50.0	50.6	101	3	20	70-130	
Chloroethane	50.0	53.9	108	2	29	57-150	
Chloroform	50.0	49.5	99	1	20	80-120	
Chloromethane	50.0	48.4	97	8	30	46-150	
cis-1,2-Dichloroethene	50.0	45.8	92	3	20	64-130	
cis-1,3-Dichloropropene	50.0	49.7	99	1	20	66-134	
Chlorodibromomethane	50.0	51.1	102	1	20	65-133	
Dibromomethane	50.0	48.2	96	3	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162236.D

Lab ID: LCSD 550-288833/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.5	105	10	30	29-150	
Ethylbenzene	50.0	49.6	99	3	20	80-120	
Freon 113	50.0	55.6	111	4	20	37-150	
Hexachlorobutadiene	50.0	55.6	111	4	20	58-134	
Isopropylbenzene	50.0	50.7	101	4	20	70-139	
m-Xylene & p-Xylene	50.0	50.3	101	4	20	67-137	
Methyl tert-butyl ether	50.0	54.4	109	3	22	59-139	
Methylene Chloride	50.0	53.3	107	1	23	55-136	
Naphthalene	50.0	52.7	105	1	20	64-135	
n-Butylbenzene	50.0	47.1	94	4	20	70-136	
N-Propylbenzene	50.0	48.2	96	3	20	66-142	
o-Xylene	50.0	50.0	100	4	20	68-136	
4-Isopropyltoluene	50.0	52.1	104	1	20	67-138	
sec-Butylbenzene	50.0	52.6	105	1	20	66-135	
Styrene	50.0	51.6	103	3	20	69-135	
tert-Butylbenzene	50.0	54.5	109	2	20	64-135	
Tetrachloroethene	50.0	50.1	100	0	20	63-131	
Toluene	50.0	50.1	100	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.0	100	2	20	65-132	
trans-1,3-Dichloropropene	50.0	51.1	102	4	20	66-136	
Trichloroethene	50.0	47.7	95	1	20	67-130	
Trichlorofluoromethane	50.0	56.8	114	8	22	62-147	
Vinyl acetate	50.0	51.1	102	6	29	51-150	
Vinyl chloride	50.0	63.2	126	8	27	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162296.D

Lab ID: LCSD 550-288949/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	60.2	120	4	20	68-133	
1,1,1-Trichloroethane	50.0	63.4	127	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	51.7	103	5	20	60-135	
1,1,2-Trichloroethane	50.0	55.2	110	5	20	69-130	
1,1-Dichloroethane	50.0	55.1	110	3	20	65-132	
1,1-Dichloroethene	50.0	60.5	121	0	23	80-120	*+
1,1-Dichloropropene	50.0	55.7	111	2	20	63-130	
1,2,3-Trichlorobenzene	50.0	55.8	112	5	20	62-139	
1,2,3-Trichloropropane	50.0	56.7	113	5	20	67-130	
1,2,4-Trichlorobenzene	50.0	53.7	107	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	57.6	115	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	55.9	112	6	21	58-133	
1,2-Dibromoethane	50.0	55.2	110	5	20	70-130	
1,2-Dichlorobenzene	50.0	56.3	113	4	20	70-130	
1,2-Dichloroethane	50.0	56.0	112	2	20	54-135	
1,2-Dichloropropane	50.0	51.9	104	4	20	80-120	
1,3,5-Trimethylbenzene	50.0	60.5	121	0	20	70-139	
1,3-Dichlorobenzene	50.0	56.0	112	2	20	70-130	
1,3-Dichloropropane	50.0	52.5	105	6	20	69-130	
1,4-Dichlorobenzene	50.0	54.1	108	4	20	70-130	
2,2-Dichloropropane	50.0	56.3	113	2	21	60-148	
2-Butanone (MEK)	50.0	60.2	120	3	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	53.3	107	6	29	50-148	
4-Chlorotoluene	50.0	53.9	108	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	54.1	108	6	23	56-141	
Acetone	50.0	62.0	124	3	35	11-150	
Benzene	50.0	53.6	107	2	20	67-130	
Bromobenzene	50.0	60.6	121	3	20	70-130	
Chlorobromomethane	50.0	59.7	119	3	20	59-139	
Dichlorobromomethane	50.0	55.9	112	3	20	69-130	
Bromoform	50.0	62.4	125	7	20	67-140	
Bromomethane	50.0	75.9	152	2	31	10-150	*+
Carbon disulfide	50.0	60.1	120	1	26	36-150	
Carbon tetrachloride	50.0	62.6	125	1	20	60-134	
Chlorobenzene	50.0	55.4	111	3	20	70-130	
Chloroethane	50.0	55.0	110	3	29	57-150	
Chloroform	50.0	57.6	115	3	20	80-120	
Chloromethane	50.0	43.0	86	4	30	46-150	
cis-1,2-Dichloroethene	50.0	55.9	112	2	20	64-130	
cis-1,3-Dichloropropene	50.0	52.5	105	4	20	66-134	
Chlorodibromomethane	50.0	57.7	115	5	20	65-133	
Dibromomethane	50.0	56.6	113	5	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162296.D

Lab ID: LCSD 550-288949/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.0	104	2	30	29-150	
Ethylbenzene	50.0	54.2	108	2	20	80-120	
Freon 113	50.0	57.4	115	2	20	37-150	
Hexachlorobutadiene	50.0	57.6	115	5	20	58-134	
Isopropylbenzene	50.0	60.4	121	1	20	70-139	
m-Xylene & p-Xylene	50.0	58.8	118	2	20	67-137	
Methyl tert-butyl ether	50.0	58.8	118	5	22	59-139	
Methylene Chloride	50.0	58.8	118	2	23	55-136	
Naphthalene	50.0	56.4	113	5	20	64-135	
n-Butylbenzene	50.0	54.0	108	1	20	70-136	
N-Propylbenzene	50.0	55.7	111	1	20	66-142	
o-Xylene	50.0	58.8	118	3	20	68-136	
4-Isopropyltoluene	50.0	59.6	119	0	20	67-138	
sec-Butylbenzene	50.0	59.3	119	1	20	66-135	
Styrene	50.0	58.1	116	3	20	69-135	
tert-Butylbenzene	50.0	62.9	126	2	20	64-135	
Tetrachloroethene	50.0	61.3	123	1	20	63-131	
Toluene	50.0	56.1	112	2	20	71-123	
trans-1,2-Dichloroethene	50.0	60.0	120	1	20	65-132	
trans-1,3-Dichloropropene	50.0	52.3	105	7	20	66-136	
Trichloroethene	50.0	58.9	118	3	20	67-130	
Trichlorofluoromethane	50.0	61.4	123	1	22	62-147	
Vinyl acetate	50.0	38.5	77	3	29	51-150	
Vinyl chloride	50.0	57.1	114	3	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182204.D

Lab ID: LCSD 550-288978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	54.8	110	6	20	68-133	
1,1,1-Trichloroethane	50.0	61.2	122	6	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	52.3	105	10	20	60-135	
1,1,2-Trichloroethane	50.0	55.8	112	9	20	69-130	
1,1-Dichloroethane	50.0	63.7	127	5	20	65-132	
1,1-Dichloroethene	50.0	60.5	121	5	23	80-120	*+
1,1-Dichloropropene	50.0	55.8	112	6	20	63-130	
1,2,3-Trichlorobenzene	50.0	53.5	107	5	20	62-139	
1,2,3-Trichloropropane	50.0	49.5	99	11	20	67-130	
1,2,4-Trichlorobenzene	50.0	54.7	109	3	20	66-135	
1,2,4-Trimethylbenzene	50.0	53.0	106	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	54.9	110	16	21	58-133	
1,2-Dibromoethane	50.0	56.5	113	10	20	70-130	
1,2-Dichlorobenzene	50.0	51.1	102	4	20	70-130	
1,2-Dichloroethane	50.0	54.6	109	9	20	54-135	
1,2-Dichloropropane	50.0	57.5	115	8	20	80-120	
1,3,5-Trimethylbenzene	50.0	51.4	103	2	20	70-139	
1,3-Dichlorobenzene	50.0	52.1	104	3	20	70-130	
1,3-Dichloropropane	50.0	56.1	112	8	20	69-130	
1,4-Dichlorobenzene	50.0	51.8	104	4	20	70-130	
2,2-Dichloropropane	50.0	65.7	131	4	21	60-148	
2-Butanone (MEK)	50.0	70.8	142	15	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	69.3	139	18	29	50-148	
4-Chlorotoluene	50.0	52.2	104	3	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	63.6	127	15	23	56-141	
Acetone	50.0	67.7	135	17	35	11-150	
Benzene	50.0	55.9	112	6	20	67-130	
Bromobenzene	50.0	50.7	101	5	20	70-130	
Chlorobromomethane	50.0	61.7	123	7	20	59-139	
Dichlorobromomethane	50.0	56.0	112	8	20	69-130	
Bromoform	50.0	43.1	86	12	20	67-140	
Bromomethane	50.0	60.3	121	7	31	10-150	
Carbon disulfide	50.0	68.6	137	5	26	36-150	
Carbon tetrachloride	50.0	54.7	109	7	20	60-134	
Chlorobenzene	50.0	54.9	110	6	20	70-130	
Chloroethane	50.0	71.0	142	5	29	57-150	
Chloroform	50.0	61.8	124	5	20	80-120	*+
Chloromethane	50.0	59.4	119	7	30	46-150	
cis-1,2-Dichloroethene	50.0	55.8	112	6	20	64-130	
cis-1,3-Dichloropropene	50.0	58.1	116	10	20	66-134	
Chlorodibromomethane	50.0	55.3	111	11	20	65-133	
Dibromomethane	50.0	55.1	110	9	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182204.D

Lab ID: LCSD 550-288978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	5	30	29-150	
Ethylbenzene	50.0	56.4	113	5	20	80-120	
Freon 113	50.0	61.2	122	4	20	37-150	
Hexachlorobutadiene	50.0	54.4	109	2	20	58-134	
Isopropylbenzene	50.0	52.8	106	4	20	70-139	
m-Xylene & p-Xylene	50.0	51.6	103	2	20	67-137	
Methyl tert-butyl ether	50.0	64.9	130	10	22	59-139	
Methylene Chloride	50.0	62.2	124	5	23	55-136	
Naphthalene	50.0	53.8	108	11	20	64-135	
n-Butylbenzene	50.0	55.6	111	0	20	70-136	
N-Propylbenzene	50.0	53.8	108	6	20	66-142	
o-Xylene	50.0	52.0	104	4	20	68-136	
4-Isopropyltoluene	50.0	54.7	109	2	20	67-138	
sec-Butylbenzene	50.0	53.2	106	2	20	66-135	
Styrene	50.0	52.4	105	5	20	69-135	
tert-Butylbenzene	50.0	52.7	105	1	20	64-135	
Tetrachloroethene	50.0	55.3	111	6	20	63-131	
Toluene	50.0	55.8	112	5	20	71-123	
trans-1,2-Dichloroethene	50.0	62.5	125	5	20	65-132	
trans-1,3-Dichloropropene	50.0	59.4	119	11	20	66-136	
Trichloroethene	50.0	55.4	111	6	20	67-130	
Trichlorofluoromethane	50.0	62.2	124	5	22	62-147	
Vinyl acetate	50.0	73.4	147	11	29	51-150	
Vinyl chloride	50.0	74.8	150	6	27	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152218.D

Lab ID: 550-193293-2 MS Client ID: R-34_D2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	47.3	95	62-139	
1,1,1-Trichloroethane	50.0	ND	51.2	102	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	45.6	91	52-150	
1,1,2-Trichloroethane	50.0	ND	46.5	93	62-137	
1,1-Dichloroethane	50.0	ND	53.7	107	58-145	
1,1-Dichloroethene	50.0	ND	50.9	102	50-150	
1,1-Dichloropropene	50.0	ND	47.8	96	50-142	
1,2,3-Trichlorobenzene	50.0	ND	39.5	79	52-144	
1,2,3-Trichloropropane	50.0	ND	42.5	85	59-138	
1,2,4-Trichlorobenzene	50.0	ND	41.9	84	54-140	
1,2,4-Trimethylbenzene	50.0	ND	47.3	95	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	44.7	89	41-149	
1,2-Dibromoethane	50.0	ND	46.5	93	67-136	
1,2-Dichlorobenzene	50.0	ND	44.9	90	64-132	
1,2-Dichloroethane	50.0	ND	46.1	92	47-146	
1,2-Dichloropropane	50.0	ND	49.3	99	59-140	
1,3,5-Trimethylbenzene	50.0	ND	47.2	94	34-150	
1,3-Dichlorobenzene	50.0	ND	45.3	91	67-130	
1,3-Dichloropropane	50.0	ND	47.7	95	65-140	
1,4-Dichlorobenzene	50.0	ND	44.7	89	67-128	
2,2-Dichloropropane	50.0	ND	53.3	107	54-150	
2-Butanone (MEK)	50.0	ND	52.6	105	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	50.7	101	37-150	
4-Chlorotoluene	50.0	ND	46.1	92	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	49.0	98	41-150	
Acetone	50.0	ND	46.3	93	10-150	
Benzene	50.0	ND	48.2	96	54-142	
Bromobenzene	50.0	ND	43.9	88	67-132	
Chlorobromomethane	50.0	ND	50.1	100	55-147	
Dichlorobromomethane	50.0	ND	48.1	96	61-143	
Bromoform	50.0	ND	38.8	78	57-148	
Bromomethane	50.0	ND	61.7	123	56-149	
Carbon disulfide	50.0	ND	58.9	118	23-150	
Carbon tetrachloride	50.0	ND	46.6	93	51-143	
Chlorobenzene	50.0	ND	46.5	93	69-129	
Chloroethane	50.0	ND	58.6	117	41-150	
Chloroform	50.0	ND	51.5	103	60-148	
Chloromethane	50.0	ND	57.7	115	29-150	
cis-1,2-Dichloroethene	50.0	ND	48.0	96	57-139	
cis-1,3-Dichloropropene	50.0	ND	49.4	99	57-145	
Chlorodibromomethane	50.0	ND	47.7	95	61-143	
Dibromomethane	50.0	ND	46.8	94	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152218.D

Lab ID: 550-193293-2 MS Client ID: R-34_D2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	52.3	105	20-150	
Ethylbenzene	50.0	ND	47.9	96	46-149	
Freon 113	50.0	ND	53.7	107	10-150	
Hexachlorobutadiene	50.0	ND	44.3	89	48-146	
Isopropylbenzene	50.0	ND	47.1	94	56-146	
m-Xylene & p-Xylene	50.0	ND	45.7	91	47-150	
Methyl tert-butyl ether	50.0	ND	53.0	106	51-150	
Methylene Chloride	50.0	ND	51.5	103	43-150	
Naphthalene	50.0	ND	41.0	82	32-150	
n-Butylbenzene	50.0	ND	48.4	97	54-146	
N-Propylbenzene	50.0	ND	47.0	94	54-150	
o-Xylene	50.0	ND	46.5	93	52-150	
4-Isopropyltoluene	50.0	ND	48.0	96	53-147	
sec-Butylbenzene	50.0	ND	47.5	95	54-145	
Styrene	50.0	ND	46.2	92	20-150	
tert-Butylbenzene	50.0	ND	47.8	96	57-143	
Tetrachloroethene	50.0	20	65.0	89	37-150	
Toluene	50.0	ND	47.7	95	54-141	
trans-1,2-Dichloroethene	50.0	ND	52.6	105	58-140	
trans-1,3-Dichloropropene	50.0	ND	48.9	98	57-147	
Trichloroethene	50.0	6.8	53.5	93	58-134	
Trichlorofluoromethane	50.0	ND	51.4	103	46-150	
Vinyl acetate	50.0	ND	57.2	114	10-150	
Vinyl chloride	50.0	ND	56.5	113	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162243.D

Lab ID: 550-193293-6 MS Client ID: SMW-93D_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	54.3	109	62-139	
1,1,1-Trichloroethane	50.0	ND	57.9	116	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	50.2	100	52-150	
1,1,2-Trichloroethane	50.0	ND	52.6	105	62-137	
1,1-Dichloroethane	50.0	ND	50.4	101	58-145	
1,1-Dichloroethene	50.0	ND	54.7	109	50-150	
1,1-Dichloropropene	50.0	ND	48.5	97	50-142	
1,2,3-Trichlorobenzene	50.0	ND	52.3	105	52-144	
1,2,3-Trichloropropane	50.0	ND	51.5	103	59-138	
1,2,4-Trichlorobenzene	50.0	ND	52.7	105	54-140	
1,2,4-Trimethylbenzene	50.0	ND	52.8	106	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	49.2	98	41-149	
1,2-Dibromoethane	50.0	ND	52.6	105	67-136	
1,2-Dichlorobenzene	50.0	0.49 J	52.2	104	64-132	
1,2-Dichloroethane	50.0	ND	50.5	101	47-146	
1,2-Dichloropropane	50.0	ND	48.2	96	59-140	
1,3,5-Trimethylbenzene	50.0	ND	54.2	108	34-150	
1,3-Dichlorobenzene	50.0	ND	52.9	106	67-130	
1,3-Dichloropropane	50.0	ND	51.2	102	65-140	
1,4-Dichlorobenzene	50.0	ND	52.0	104	67-128	
2,2-Dichloropropane	50.0	ND	55.3	111	54-150	
2-Butanone (MEK)	50.0	ND	262	525	10-150	E F1
Methyl n-butyl ketone (MNBK)	50.0	ND	49.6	99	37-150	
4-Chlorotoluene	50.0	ND	50.8	102	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	49.6	99	41-150	
Acetone	50.0	20	62.9	87	10-150	
Benzene	50.0	0.95 J	48.5	95	54-142	
Bromobenzene	50.0	ND	56.1	112	67-132	
Chlorobromomethane	50.0	ND	56.4	113	55-147	
Dichlorobromomethane	50.0	ND	51.2	102	61-143	
Bromoform	50.0	ND	57.9	116	57-148	
Bromomethane	50.0	ND	73.9	148	56-149	
Carbon disulfide	50.0	ND	54.3	109	23-150	
Carbon tetrachloride	50.0	ND	53.8	108	51-143	
Chlorobenzene	50.0	ND	52.0	104	69-129	
Chloroethane	50.0	16	62.8	93	41-150	
Chloroform	50.0	ND	54.2	108	60-148	
Chloromethane	50.0	ND	45.1	90	29-150	
cis-1,2-Dichloroethene	50.0	1400	1090	-588	57-139	E 4
cis-1,3-Dichloropropene	50.0	ND	51.7	103	57-145	
Chlorodibromomethane	50.0	ND	54.7	109	61-143	
Dibromomethane	50.0	ND	52.2	104	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162243.D

Lab ID: 550-193293-6 MS Client ID: SMW-93D_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	46.7	93	20-150	
Ethylbenzene	50.0	ND	50.2	100	46-149	
Freon 113	50.0	ND	53.6	107	10-150	
Hexachlorobutadiene	50.0	ND	56.8	114	48-146	
Isopropylbenzene	50.0	ND	53.2	106	56-146	
m-Xylene & p-Xylene	50.0	ND	53.8	108	47-150	
Methyl tert-butyl ether	50.0	ND	54.5	109	51-150	
Methylene Chloride	50.0	ND	54.5	109	43-150	
Naphthalene	50.0	3.1 J	50.6	95	32-150	
n-Butylbenzene	50.0	ND	51.0	102	54-146	
N-Propylbenzene	50.0	ND	50.7	101	54-150	
o-Xylene	50.0	ND	53.0	106	52-150	
4-Isopropyltoluene	50.0	ND	54.3	109	53-147	
sec-Butylbenzene	50.0	ND	53.4	107	54-145	
Styrene	50.0	ND	54.0	108	20-150	
tert-Butylbenzene	50.0	ND	56.4	113	57-143	
Tetrachloroethene	50.0	0.62 J	54.7	108	37-150	
Toluene	50.0	2.1	53.0	102	54-141	
trans-1,2-Dichloroethene	50.0	80	118	76	58-140	E
trans-1,3-Dichloropropene	50.0	ND	53.0	106	57-147	
Trichloroethene	50.0	69	101	64	58-134	E
Trichlorofluoromethane	50.0	ND	56.3	113	46-150	
Vinyl acetate	50.0	ND	61.2	122	10-150	
Vinyl chloride	50.0	1000	876	-328	29-150	E 4

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152207.D

Lab ID: 550-193293-7 MS Client ID: R-34_I2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	50.4	101	62-139	
1,1,1-Trichloroethane	50.0	ND	51.8	104	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	50.9	102	52-150	
1,1,2-Trichloroethane	50.0	ND	51.2	102	62-137	
1,1-Dichloroethane	50.0	ND	50.1	100	58-145	
1,1-Dichloroethene	50.0	ND	50.9	102	50-150	
1,1-Dichloropropene	50.0	ND	49.0	98	50-142	
1,2,3-Trichlorobenzene	50.0	ND	45.7	91	52-144	
1,2,3-Trichloropropane	50.0	ND	50.8	102	59-138	
1,2,4-Trichlorobenzene	50.0	ND	45.9	92	54-140	
1,2,4-Trimethylbenzene	50.0	ND	50.8	102	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	50.1	100	41-149	
1,2-Dibromoethane	50.0	ND	50.0	100	67-136	
1,2-Dichlorobenzene	50.0	ND	48.7	97	64-132	
1,2-Dichloroethane	50.0	ND	48.0	96	47-146	
1,2-Dichloropropane	50.0	ND	48.9	98	59-140	
1,3,5-Trimethylbenzene	50.0	ND	51.5	103	34-150	
1,3-Dichlorobenzene	50.0	ND	49.9	100	67-130	
1,3-Dichloropropane	50.0	ND	50.8	102	65-140	
1,4-Dichlorobenzene	50.0	ND	48.6	97	67-128	
2,2-Dichloropropane	50.0	ND	52.5	105	54-150	
2-Butanone (MEK)	50.0	ND	52.3	105	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	53.0	106	37-150	
4-Chlorotoluene	50.0	ND	51.2	102	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	52.0	104	41-150	
Acetone	50.0	ND	44.2	88	10-150	
Benzene	50.0	ND	47.8	96	54-142	
Bromobenzene	50.0	ND	52.0	104	67-132	
Chlorobromomethane	50.0	ND	49.6	99	55-147	
Dichlorobromomethane	50.0	ND	49.0	98	61-143	
Bromoform	50.0	ND	56.0	112	57-148	
Bromomethane	50.0	ND	48.8	98	56-149	
Carbon disulfide	50.0	ND	52.9	106	23-150	
Carbon tetrachloride	50.0	ND	49.8	100	51-143	
Chlorobenzene	50.0	ND	50.5	101	69-129	
Chloroethane	50.0	ND	49.5	99	41-150	
Chloroform	50.0	ND	49.6	99	60-148	
Chloromethane	50.0	ND	49.5	99	29-150	
cis-1,2-Dichloroethene	50.0	1.8 J	48.9	94	57-139	
cis-1,3-Dichloropropene	50.0	ND	51.3	103	57-145	
Chlorodibromomethane	50.0	ND	51.2	102	61-143	
Dibromomethane	50.0	ND	49.7	99	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152207.D

Lab ID: 550-193293-7 MS Client ID: R-34_I2_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	51.5	103	20-150	
Ethylbenzene	50.0	ND	49.6	99	46-149	
Freon 113	50.0	ND	50.4	101	10-150	
Hexachlorobutadiene	50.0	ND	50.4	101	48-146	
Isopropylbenzene	50.0	ND	51.8	104	56-146	
m-Xylene & p-Xylene	50.0	ND	52.6	105	47-150	
Methyl tert-butyl ether	50.0	ND	51.5	103	51-150	
Methylene Chloride	50.0	ND	51.3	103	43-150	
Naphthalene	50.0	ND	46.7	93	32-150	
n-Butylbenzene	50.0	ND	51.2	102	54-146	
N-Propylbenzene	50.0	ND	50.9	102	54-150	
o-Xylene	50.0	ND	51.7	103	52-150	
4-Isopropyltoluene	50.0	ND	52.1	104	53-147	
sec-Butylbenzene	50.0	ND	51.6	103	54-145	
Styrene	50.0	ND	53.3	107	20-150	
tert-Butylbenzene	50.0	ND	53.0	106	57-143	
Tetrachloroethene	50.0	56	105	98	37-150	E
Toluene	50.0	ND	50.6	101	54-141	
trans-1,2-Dichloroethene	50.0	0.60 J	52.4	104	58-140	
trans-1,3-Dichloropropene	50.0	ND	51.6	103	57-147	
Trichloroethene	50.0	17	64.2	95	58-134	
Trichlorofluoromethane	50.0	ND	50.0	100	46-150	
Vinyl acetate	50.0	ND	59.0	118	10-150	
Vinyl chloride	50.0	ND	49.2	98	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152219.D

Lab ID: 550-193293-2 MSD Client ID: R-34_D2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	47.9	96	1	35	62-139	
1,1,1-Trichloroethane	50.0	51.6	103	1	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	3	35	52-150	
1,1,2-Trichloroethane	50.0	47.6	95	2	35	62-137	
1,1-Dichloroethane	50.0	55.0	110	2	35	58-145	
1,1-Dichloroethene	50.0	51.7	103	2	35	50-150	
1,1-Dichloropropene	50.0	48.3	97	1	35	50-142	
1,2,3-Trichlorobenzene	50.0	41.9	84	6	35	52-144	
1,2,3-Trichloropropane	50.0	43.7	87	3	35	59-138	
1,2,4-Trichlorobenzene	50.0	44.1	88	5	35	54-140	
1,2,4-Trimethylbenzene	50.0	47.3	95	0	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	47.1	94	5	35	41-149	
1,2-Dibromoethane	50.0	47.7	95	3	35	67-136	
1,2-Dichlorobenzene	50.0	45.0	90	0	35	64-132	
1,2-Dichloroethane	50.0	47.1	94	2	35	47-146	
1,2-Dichloropropane	50.0	50.2	100	2	35	59-140	
1,3,5-Trimethylbenzene	50.0	45.1	90	5	35	34-150	
1,3-Dichlorobenzene	50.0	46.1	92	2	35	67-130	
1,3-Dichloropropane	50.0	48.2	96	1	35	65-140	
1,4-Dichlorobenzene	50.0	45.5	91	2	35	67-128	
2,2-Dichloropropane	50.0	54.2	108	2	35	54-150	
2-Butanone (MEK)	50.0	55.7	111	6	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	53.0	106	4	35	37-150	
4-Chlorotoluene	50.0	45.6	91	1	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	50.9	102	4	35	41-150	
Acetone	50.0	47.1	94	2	35	10-150	
Benzene	50.0	48.3	97	0	35	54-142	
Bromobenzene	50.0	44.9	90	2	35	67-132	
Chlorobromomethane	50.0	51.6	103	3	35	55-147	
Dichlorobromomethane	50.0	49.0	98	2	35	61-143	
Bromoform	50.0	39.6	79	2	35	57-148	
Bromomethane	50.0	61.6	123	0	35	56-149	
Carbon disulfide	50.0	59.8	120	1	35	23-150	
Carbon tetrachloride	50.0	46.7	93	0	35	51-143	
Chlorobenzene	50.0	46.7	93	0	35	69-129	
Chloroethane	50.0	57.8	116	1	35	41-150	
Chloroform	50.0	52.8	106	2	35	60-148	
Chloromethane	50.0	60.0	120	4	35	29-150	
cis-1,2-Dichloroethene	50.0	48.4	97	1	35	57-139	
cis-1,3-Dichloropropene	50.0	49.9	100	1	35	57-145	
Chlorodibromomethane	50.0	48.7	97	2	35	61-143	
Dibromomethane	50.0	47.6	95	2	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152219.D

Lab ID: 550-193293-2 MSD Client ID: R-34_D2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.8	108	3	35	20-150	
Ethylbenzene	50.0	48.3	97	1	35	46-149	
Freon 113	50.0	54.1	108	1	35	10-150	
Hexachlorobutadiene	50.0	43.3	87	2	35	48-146	
Isopropylbenzene	50.0	47.1	94	0	35	56-146	
m-Xylene & p-Xylene	50.0	46.7	93	2	35	47-150	
Methyl tert-butyl ether	50.0	55.6	111	5	35	51-150	
Methylene Chloride	50.0	52.5	105	2	35	43-150	
Naphthalene	50.0	43.1	86	5	35	32-150	
n-Butylbenzene	50.0	49.2	98	2	35	54-146	
N-Propylbenzene	50.0	46.7	93	1	35	54-150	
o-Xylene	50.0	46.6	93	0	35	52-150	
4-Isopropyltoluene	50.0	47.8	96	1	35	53-147	
sec-Butylbenzene	50.0	46.9	94	1	35	54-145	
Styrene	50.0	46.4	93	0	35	20-150	
tert-Butylbenzene	50.0	46.2	92	3	35	57-143	
Tetrachloroethene	50.0	66.7	93	3	35	37-150	
Toluene	50.0	48.1	96	1	35	54-141	
trans-1,2-Dichloroethene	50.0	53.2	106	1	35	58-140	
trans-1,3-Dichloropropene	50.0	50.5	101	3	35	57-147	
Trichloroethene	50.0	53.9	94	1	35	58-134	
Trichlorofluoromethane	50.0	52.0	104	1	35	46-150	
Vinyl acetate	50.0	59.4	119	4	35	10-150	
Vinyl chloride	50.0	57.8	116	2	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162244.D

Lab ID: 550-193293-6 MSD Client ID: SMW-93D_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	51.9	104	5	35	62-139	
1,1,1-Trichloroethane	50.0	54.7	109	6	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	49.6	99	1	35	52-150	
1,1,2-Trichloroethane	50.0	51.3	103	3	35	62-137	
1,1-Dichloroethane	50.0	47.5	95	6	35	58-145	
1,1-Dichloroethene	50.0	51.7	103	6	35	50-150	
1,1-Dichloropropene	50.0	45.7	91	6	35	50-142	
1,2,3-Trichlorobenzene	50.0	51.0	102	3	35	52-144	
1,2,3-Trichloropropane	50.0	50.5	101	2	35	59-138	
1,2,4-Trichlorobenzene	50.0	50.4	101	4	35	54-140	
1,2,4-Trimethylbenzene	50.0	49.4	99	7	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	50.6	101	3	35	41-149	
1,2-Dibromoethane	50.0	51.7	103	2	35	67-136	
1,2-Dichlorobenzene	50.0	49.5	99	5	35	64-132	
1,2-Dichloroethane	50.0	47.8	96	5	35	47-146	
1,2-Dichloropropane	50.0	45.3	91	6	35	59-140	
1,3,5-Trimethylbenzene	50.0	50.6	101	7	35	34-150	
1,3-Dichlorobenzene	50.0	50.0	100	6	35	67-130	
1,3-Dichloropropane	50.0	49.6	99	3	35	65-140	
1,4-Dichlorobenzene	50.0	49.1	98	6	35	67-128	
2,2-Dichloropropane	50.0	50.9	102	8	35	54-150	
2-Butanone (MEK)	50.0	244	488	7	35	10-150	E F1
Methyl n-butyl ketone (MNBK)	50.0	50.8	102	3	35	37-150	
4-Chlorotoluene	50.0	47.6	95	6	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	50.5	101	2	35	41-150	
Acetone	50.0	57.7	76	9	35	10-150	
Benzene	50.0	45.4	89	6	35	54-142	
Bromobenzene	50.0	52.8	106	6	35	67-132	
Chlorobromomethane	50.0	53.2	106	6	35	55-147	
Dichlorobromomethane	50.0	48.5	97	5	35	61-143	
Bromoform	50.0	56.8	114	2	35	57-148	
Bromomethane	50.0	62.3	125	17	35	56-149	
Carbon disulfide	50.0	51.0	102	6	35	23-150	
Carbon tetrachloride	50.0	51.1	102	5	35	51-143	
Chlorobenzene	50.0	49.6	99	5	35	69-129	
Chloroethane	50.0	59.0	85	6	35	41-150	
Chloroform	50.0	50.6	101	7	35	60-148	
Chloromethane	50.0	41.5	83	8	35	29-150	
cis-1,2-Dichloroethene	50.0	1010	-751	8	35	57-139	E 4
cis-1,3-Dichloropropene	50.0	49.5	99	4	35	57-145	
Chlorodibromomethane	50.0	53.1	106	3	35	61-143	
Dibromomethane	50.0	50.0	100	4	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162244.D

Lab ID: 550-193293-6 MSD Client ID: SMW-93D_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	44.0	88	6	35	20-150	
Ethylbenzene	50.0	47.6	95	5	35	46-149	
Freon 113	50.0	50.4	101	6	35	10-150	
Hexachlorobutadiene	50.0	53.3	107	6	35	48-146	
Isopropylbenzene	50.0	49.4	99	7	35	56-146	
m-Xylene & p-Xylene	50.0	50.1	100	7	35	47-150	
Methyl tert-butyl ether	50.0	53.2	106	2	35	51-150	
Methylene Chloride	50.0	50.6	101	7	35	43-150	
Naphthalene	50.0	51.0	96	1	35	32-150	
n-Butylbenzene	50.0	47.9	96	6	35	54-146	
N-Propylbenzene	50.0	47.4	95	7	35	54-150	
o-Xylene	50.0	49.4	99	7	35	52-150	
4-Isopropyltoluene	50.0	50.5	101	7	35	53-147	
sec-Butylbenzene	50.0	49.7	99	7	35	54-145	
Styrene	50.0	50.8	102	6	35	20-150	
tert-Butylbenzene	50.0	52.4	105	7	35	57-143	
Tetrachloroethene	50.0	52.0	103	5	35	37-150	
Toluene	50.0	49.7	95	6	35	54-141	
trans-1,2-Dichloroethene	50.0	110	61	6	35	58-140	E
trans-1,3-Dichloropropene	50.0	51.3	103	3	35	57-147	
Trichloroethene	50.0	95.1	51	6	35	58-134	F1
Trichlorofluoromethane	50.0	53.3	107	6	35	46-150	
Vinyl acetate	50.0	61.6	123	1	35	10-150	
Vinyl chloride	50.0	813	-454	7	35	29-150	E 4

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152208.D

Lab ID: 550-193293-7 MSD Client ID: R-34_I2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	50.7	101	1	35	62-139	
1,1,1-Trichloroethane	50.0	53.8	108	4	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	50.1	100	2	35	52-150	
1,1,2-Trichloroethane	50.0	50.4	101	2	35	62-137	
1,1-Dichloroethane	50.0	51.8	104	3	35	58-145	
1,1-Dichloroethene	50.0	53.4	107	5	35	50-150	
1,1-Dichloropropene	50.0	51.2	102	5	35	50-142	
1,2,3-Trichlorobenzene	50.0	48.4	97	6	35	52-144	
1,2,3-Trichloropropane	50.0	49.3	99	3	35	59-138	
1,2,4-Trichlorobenzene	50.0	49.0	98	6	35	54-140	
1,2,4-Trimethylbenzene	50.0	53.1	106	4	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	48.9	98	2	35	41-149	
1,2-Dibromoethane	50.0	49.3	99	2	35	67-136	
1,2-Dichlorobenzene	50.0	49.5	99	2	35	64-132	
1,2-Dichloroethane	50.0	49.8	100	4	35	47-146	
1,2-Dichloropropane	50.0	49.5	99	1	35	59-140	
1,3,5-Trimethylbenzene	50.0	54.5	109	6	35	34-150	
1,3-Dichlorobenzene	50.0	50.9	102	2	35	67-130	
1,3-Dichloropropane	50.0	50.1	100	2	35	65-140	
1,4-Dichlorobenzene	50.0	49.7	99	2	35	67-128	
2,2-Dichloropropane	50.0	54.7	109	4	35	54-150	
2-Butanone (MEK)	50.0	47.2	94	10	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	49.1	98	8	35	37-150	
4-Chlorotoluene	50.0	52.3	105	2	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	49.6	99	5	35	41-150	
Acetone	50.0	42.2	84	5	35	10-150	
Benzene	50.0	49.0	98	3	35	54-142	
Bromobenzene	50.0	52.4	105	1	35	67-132	
Chlorobromomethane	50.0	51.0	102	3	35	55-147	
Dichlorobromomethane	50.0	50.1	100	2	35	61-143	
Bromoform	50.0	53.2	106	5	35	57-148	
Bromomethane	50.0	59.6	119	20	35	56-149	
Carbon disulfide	50.0	55.4	111	5	35	23-150	
Carbon tetrachloride	50.0	53.1	106	6	35	51-143	
Chlorobenzene	50.0	51.1	102	1	35	69-129	
Chloroethane	50.0	53.3	107	7	35	41-150	
Chloroform	50.0	50.9	102	2	35	60-148	
Chloromethane	50.0	50.9	102	3	35	29-150	
cis-1,2-Dichloroethene	50.0	51.8	100	6	35	57-139	
cis-1,3-Dichloropropene	50.0	51.1	102	0	35	57-145	
Chlorodibromomethane	50.0	50.6	101	1	35	61-143	
Dibromomethane	50.0	50.1	100	1	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11152208.D

Lab ID: 550-193293-7 MSD Client ID: R-34_I2_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.9	106	3	35	20-150	
Ethylbenzene	50.0	51.4	103	4	35	46-149	
Freon 113	50.0	53.8	108	7	35	10-150	
Hexachlorobutadiene	50.0	50.6	101	0	35	48-146	
Isopropylbenzene	50.0	54.0	108	4	35	56-146	
m-Xylene & p-Xylene	50.0	54.3	109	3	35	47-150	
Methyl tert-butyl ether	50.0	50.0	100	3	35	51-150	
Methylene Chloride	50.0	51.6	103	1	35	43-150	
Naphthalene	50.0	48.9	98	5	35	32-150	
n-Butylbenzene	50.0	54.1	108	6	35	54-146	
N-Propylbenzene	50.0	53.3	107	5	35	54-150	
o-Xylene	50.0	52.9	106	2	35	52-150	
4-Isopropyltoluene	50.0	54.7	109	5	35	53-147	
sec-Butylbenzene	50.0	54.3	109	5	35	54-145	
Styrene	50.0	54.0	108	1	35	20-150	
tert-Butylbenzene	50.0	56.0	112	5	35	57-143	
Tetrachloroethene	50.0	111	109	5	35	37-150	E
Toluene	50.0	52.2	104	3	35	54-141	
trans-1,2-Dichloroethene	50.0	53.8	106	3	35	58-140	
trans-1,3-Dichloropropene	50.0	52.1	104	1	35	57-147	
Trichloroethene	50.0	67.5	102	5	35	58-134	
Trichlorofluoromethane	50.0	51.8	104	4	35	46-150	
Vinyl acetate	50.0	57.0	114	3	35	10-150	
Vinyl chloride	50.0	50.7	101	3	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11142206.D Lab Sample ID: MB 550-288554/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 10:52

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288554/3	11142203.D	11/14/2022 09:49
	LCSD 550-288554/4	11142204.D	11/14/2022 10:10
TB-04_11-2022	550-193293-11	11142207.D	11/14/2022 11:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11152206.D Lab Sample ID: MB 550-288639/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/15/2022 10:07

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288639/3	11152203.D	11/15/2022 09:04
	LCSD 550-288639/4	11152204.D	11/15/2022 09:24
R-34_D2_11-2022	550-193293-2	11152217.D	11/15/2022 14:15
R-34_D2_11-2022 MS	550-193293-2 MS	11152218.D	11/15/2022 14:36
R-34_D2_11-2022 MSD	550-193293-2 MSD	11152219.D	11/15/2022 14:57
R-23_11-2022	550-193293-4	11152220.D	11/15/2022 15:18
R-34_I1_11-2022	550-193293-5	11152221.D	11/15/2022 15:38
R-934_D2_11-2022	550-193293-3	11152224.D	11/15/2022 16:41

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11152206.D Lab Sample ID: MB 550-288643/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS25 Date Analyzed: 11/15/2022 12:33

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288643/3	11152203.D	11/15/2022 11:15
	LCSD 550-288643/4	11152204.D	11/15/2022 11:41
R-34_I2_11-2022 MS	550-193293-7 MS	11152207.D	11/15/2022 12:59
R-34_I2_11-2022 MSD	550-193293-7 MSD	11152208.D	11/15/2022 13:26
R-34_I2_11-2022	550-193293-7	11152209.D	11/15/2022 13:52
SMW-3D_11-2022	550-193293-8	11152210.D	11/15/2022 14:18
R-01_S2_11-2022	550-193293-9	11152211.D	11/15/2022 14:44
M-12_11-2022	550-193293-10	11152212.D	11/15/2022 15:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162209.D Lab Sample ID: MB 550-288760/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/16/2022 11:58

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288760/1002	-11162206-LCS.d	11/16/2022 10:37
	LCSD 550-288760/4	11162207.D	11/16/2022 11:16
SMW-3D_11-2022 DL2	550-193293-8 DL2	11162220.D	11/16/2022 15:47
SMW-3D_11-2022 DL	550-193293-8 DL	11162222.D	11/16/2022 16:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162238.D Lab Sample ID: MB 550-288833/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS25 Date Analyzed: 11/17/2022 08:38

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288833/3	11162235.D	11/17/2022 07:19
	LCSD 550-288833/4	11162236.D	11/17/2022 07:45
EB-04_11-2022	550-193293-1	11162239.D	11/17/2022 09:04
SMW-93D_11-2022 MS	550-193293-6 MS	11162243.D	11/17/2022 11:47
SMW-93D_11-2022 MSD	550-193293-6 MSD	11162244.D	11/17/2022 12:14
SMW-93D_11-2022	550-193293-6	11162245.D	11/17/2022 12:40
SMW-3D_11-2022 DL3	550-193293-8 DL3	11162246.D	11/17/2022 13:06
SMW-3D_11-2022 DL2	550-193293-8 DL2	11162247.D	11/17/2022 13:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162298.D Lab Sample ID: MB 550-288949/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS25 Date Analyzed: 11/18/2022 11:51

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288949/4	11162295.D	11/18/2022 10:33
	LCSD 550-288949/5	11162296.D	11/18/2022 10:59
SMW-93D_11-2022 DL	550-193293-6 DL	11162303.D	11/18/2022 14:01

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11182208.D Lab Sample ID: MB 550-288978/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/18/2022 13:16

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288978/1002	-11182203-LCS.d	11/18/2022 10:48
	LCSD 550-288978/4	11182204.D	11/18/2022 11:09
EB-04_11-2022	550-193293-1	11182211.D	11/18/2022 14:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11142201.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 08:37

Analysis Batch No.: 288554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	98.7	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288554/2	11142202.D	11/14/2022	9:28
	LCS 550-288554/3	11142203.D	11/14/2022	9:49
	LCSD 550-288554/4	11142204.D	11/14/2022	10:10
	MB 550-288554/6	11142206.D	11/14/2022	10:52
TB-04_11-2022	550-193293-11	11142207.D	11/14/2022	11:13

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11152201.D BFB Injection Date: 11/15/2022

Instrument ID: GCMS15 BFB Injection Time: 07:55

Analysis Batch No.: 288639

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	47.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.1	(0.1) 1
174	Greater than 50% of mass 95	98.8	
175	5.0 - 9.0 % of mass 174	7.4	(7.5) 1
176	95.0 - 101.0 % of mass 174	96.0	(97.1) 1
177	5.0 - 9.0 % of mass 176	6.6	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288639/2	11152202.D	11/15/2022	8:43
	LCS 550-288639/3	11152203.D	11/15/2022	9:04
	LCSD 550-288639/4	11152204.D	11/15/2022	9:24
	MB 550-288639/6	11152206.D	11/15/2022	10:07
R-34_D2_11-2022	550-193293-2	11152217.D	11/15/2022	14:15
R-34_D2_11-2022 MS	550-193293-2 MS	11152218.D	11/15/2022	14:36
R-34_D2_11-2022 MSD	550-193293-2 MSD	11152219.D	11/15/2022	14:57
R-23_11-2022	550-193293-4	11152220.D	11/15/2022	15:18
R-34_I1_11-2022	550-193293-5	11152221.D	11/15/2022	15:38
R-934_D2_11-2022	550-193293-3	11152224.D	11/15/2022	16:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162201.D BFB Injection Date: 11/16/2022

Instrument ID: GCMS15 BFB Injection Time: 07:51

Analysis Batch No.: 288760

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.1	(0.1) 1
174	Greater than 50% of mass 95	99.9	
175	5.0 - 9.0 % of mass 174	7.9	(7.9) 1
176	95.0 - 101.0 % of mass 174	100.1	(100.2) 1
177	5.0 - 9.0 % of mass 176	6.8	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288760/2	11162206.D	11/16/2022	10:37
	LCS 550-288760/1002	-11162206-LCS	11/16/2022	10:37
	LCSD 550-288760/4	11162207.D	11/16/2022	11:16
	MB 550-288760/6	11162209.D	11/16/2022	11:58
SMW-3D_11-2022 DL2	550-193293-8 DL2	11162220.D	11/16/2022	15:47
SMW-3D_11-2022 DL	550-193293-8 DL	11162222.D	11/16/2022	16:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11182201.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS15 BFB Injection Time: 09:03

Analysis Batch No.: 288978

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	47.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.1	
175	5.0 - 9.0 % of mass 174	8.2	(7.6) 1
176	95.0 - 101.0 % of mass 174	103.8	(96.1) 1
177	5.0 - 9.0 % of mass 176	7.2	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288978/2	11182203.D	11/18/2022	10:48
	LCS 550-288978/1002	-11182203-LCS	11/18/2022	10:48
	LCSD 550-288978/4	11182204.D	11/18/2022	11:09
	MB 550-288978/6	11182208.D	11/18/2022	13:16
EB-04_11-2022	550-193293-1	11182211.D	11/18/2022	14:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11112201.D BFB Injection Date: 11/11/2022

Instrument ID: GCMS25 BFB Injection Time: 11:04

Analysis Batch No.: 288457

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.1	(0.2) 1
174	Greater than 50% of mass 95	84.1	
175	5.0 - 9.0 % of mass 174	6.5	(7.7) 1
176	95.0 - 101.0 % of mass 174	80.3	(95.5) 1
177	5.0 - 9.0 % of mass 176	6.1	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-288457/4	11112204.D	11/11/2022	12:22
	STD2 550-288457/5	11112205.D	11/11/2022	12:48
	STD3 550-288457/6	11112206.D	11/11/2022	13:15
	STD4 550-288457/7	11112208.D	11/11/2022	14:14
	STD5 550-288457/8	11112209.D	11/11/2022	14:40
	STD6 550-288457/9	11112210.D	11/11/2022	15:06
	ICIS 550-288457/10	11112211.D	11/11/2022	15:32
	STD8 550-288457/11	11112212.D	11/11/2022	15:59
	STD9 550-288457/12	11112213.D	11/11/2022	16:25
	ICV 550-288457/15	11112216.D	11/11/2022	17:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11152201.D BFB Injection Date: 11/15/2022

Instrument ID: GCMS25 BFB Injection Time: 10:09

Analysis Batch No.: 288643

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.8	
75	30.0 - 60.0 % of mass 95	48.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	84.7	
175	5.0 - 9.0 % of mass 174	6.5	(7.7) 1
176	95.0 - 101.0 % of mass 174	83.3	(98.3) 1
177	5.0 - 9.0 % of mass 176	5.7	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288643/2	11152202.D	11/15/2022	10:49
	LCS 550-288643/3	11152203.D	11/15/2022	11:15
	LCSD 550-288643/4	11152204.D	11/15/2022	11:41
	MB 550-288643/6	11152206.D	11/15/2022	12:33
R-34_I2_11-2022 MS	550-193293-7 MS	11152207.D	11/15/2022	12:59
R-34_I2_11-2022 MSD	550-193293-7 MSD	11152208.D	11/15/2022	13:26
R-34_I2_11-2022	550-193293-7	11152209.D	11/15/2022	13:52
SMW-3D_11-2022	550-193293-8	11152210.D	11/15/2022	14:18
R-01_S2_11-2022	550-193293-9	11152211.D	11/15/2022	14:44
M-12_11-2022	550-193293-10	11152212.D	11/15/2022	15:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162233.D BFB Injection Date: 11/17/2022

Instrument ID: GCMS25 BFB Injection Time: 06:27

Analysis Batch No.: 288833

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	43.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	Greater than 50% of mass 95	90.3	
175	5.0 - 9.0 % of mass 174	6.5	(7.2) 1
176	95.0 - 101.0 % of mass 174	86.1	(95.3) 1
177	5.0 - 9.0 % of mass 176	6.4	(7.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288833/2	11162234.D	11/17/2022	6:53
	LCS 550-288833/3	11162235.D	11/17/2022	7:19
	LCSD 550-288833/4	11162236.D	11/17/2022	7:45
	MB 550-288833/6	11162238.D	11/17/2022	8:38
EB-04_11-2022	550-193293-1	11162239.D	11/17/2022	9:04
SMW-93D_11-2022 MS	550-193293-6 MS	11162243.D	11/17/2022	11:47
SMW-93D_11-2022 MSD	550-193293-6 MSD	11162244.D	11/17/2022	12:14
SMW-93D_11-2022	550-193293-6	11162245.D	11/17/2022	12:40
SMW-3D_11-2022 DL3	550-193293-8 DL3	11162246.D	11/17/2022	13:06
SMW-3D_11-2022 DL2	550-193293-8 DL2	11162247.D	11/17/2022	13:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab File ID: 11162292.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS25 BFB Injection Time: 09:14

Analysis Batch No.: 288949

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	88.7	
175	5.0 - 9.0 % of mass 174	7.7	(8.7) 1
176	95.0 - 101.0 % of mass 174	85.7	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.9	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288949/3	11162294.D	11/18/2022	10:06
	LCS 550-288949/4	11162295.D	11/18/2022	10:33
	LCSD 550-288949/5	11162296.D	11/18/2022	10:59
	MB 550-288949/7	11162298.D	11/18/2022	11:51
SMW-93D_11-2022 DL	550-193293-6 DL	11162303.D	11/18/2022	14:01

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288554/2		153642	4.34	1079796	7.34	845101	9.97
CCVIS 550-288639/2		159494	4.35	907534	7.34	699634	9.98
CCVIS 550-288760/2		184247	4.34	1124988	7.34	879813	9.97
CCVIS 550-288978/2		145439	4.33	1013852	7.33	827040	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288554/2		496532	11.84				
CCVIS 550-288639/2		400710	11.85				
CCVIS 550-288760/2		496394	11.85				
CCVIS 550-288978/2		493844	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		153642	4.34	1079796	7.34	845101	9.97
UPPER LIMIT		307284	4.84	2159592	7.84	1690202	10.47
LOWER LIMIT		76821	3.84	539898	6.84	422551	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		172893	4.33	1096549	7.33	858827	9.97
LCSD 550-288554/4		209788	4.33	1086471	7.33	859433	9.97
MB 550-288554/6		162830	4.32	1071195	7.33	788220	9.97
550-193293-11	TB-04_11-2022	145048	4.32	1110363	7.33	851496	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496532	11.84				
UPPER LIMIT		993064	12.34				
LOWER LIMIT		248266	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		491570	11.84				
LCSD 550-288554/4		492470	11.85				
MB 550-288554/6		475441	11.84				
550-193293-11	TB-04_11-2022	520936	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288639/2 Date Analyzed: 11/15/2022 08:43

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11152202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		159494	4.35	907534	7.34	699634	9.98
UPPER LIMIT		318988	4.85	1815068	7.84	1399268	10.48
LOWER LIMIT		79747	3.85	453767	6.84	349817	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288639/3		169048	4.35	883420	7.34	665751	9.98
LCSD 550-288639/4		169571	4.34	950610	7.34	733853	9.98
MB 550-288639/6		148481	4.32	1094914	7.33	832550	9.97
550-193293-2	R-34_D2_11-2022	122926	4.33	890106	7.34	682166	9.97
550-193293-2 MS	R-34_D2_11-2022 MS	149474	4.33	946845	7.34	752304	9.97
550-193293-2 MSD	R-34_D2_11-2022 MSD	163011	4.33	961801	7.33	771186	9.97
550-193293-4	R-23_11-2022	113212	4.32	991351	7.33	767651	9.97
550-193293-5	R-34_I1_11-2022	107663	4.32	892347	7.32	680030	9.97
550-193293-3	R-934_D2_11-2022	126631	4.32	905667	7.33	688357	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288639/2 Date Analyzed: 11/15/2022 08:43

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11152202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		400710	11.85				
UPPER LIMIT		801420	12.35				
LOWER LIMIT		200355	11.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288639/3		379365	11.85				
LCSD 550-288639/4		431352	11.85				
MB 550-288639/6		496828	11.84				
550-193293-2	R-34_D2_11-2022	404303	11.84				
550-193293-2 MS	R-34_D2_11-2022 MS	430214	11.84				
550-193293-2 MSD	R-34_D2_11-2022 MSD	442298	11.84				
550-193293-4	R-23_11-2022	440965	11.84				
550-193293-5	R-34_I1_11-2022	406684	11.84				
550-193293-3	R-934_D2_11-2022	403093	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288760/2 Date Analyzed: 11/16/2022 10:37

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162206.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		184247	4.34	1124988	7.34	879813	9.97
UPPER LIMIT		368494	4.84	2249976	7.84	1759626	10.47
LOWER LIMIT		92124	3.84	562494	6.84	439907	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288760/1002		184247	4.34	1124988	7.34	879813	9.97
LCSD 550-288760/4		214793	4.33	1217024	7.33	983167	9.97
MB 550-288760/6		191198	4.33	1014088	7.34	798028	9.97
550-193293-8 DL2	SMW-3D_11-2022 DL2	135275	4.32	938114	7.33	747339	9.97
550-193293-8 DL	SMW-3D_11-2022 DL	118266	4.32	817254	7.33	614008	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288760/2 Date Analyzed: 11/16/2022 10:37

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162206.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496394	11.85				
UPPER LIMIT		992788	12.35				
LOWER LIMIT		248197	11.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288760/1002		496394	11.85				
LCSD 550-288760/4		560514	11.84				
MB 550-288760/6		485663	11.84				
550-193293-8 DL2	SMW-3D_11-2022 DL2	450493	11.84				
550-193293-8 DL	SMW-3D_11-2022 DL	368384	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288978/2 Date Analyzed: 11/18/2022 10:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		145439	4.33	1013852	7.33	827040	9.97
UPPER LIMIT		290878	4.83	2027704	7.83	1654080	10.47
LOWER LIMIT		72720	3.83	506926	6.83	413520	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288978/1002		145439	4.33	1013852	7.33	827040	9.97
LCSD 550-288978/4		173598	4.33	979351	7.33	793148	9.97
MB 550-288978/6		108414	4.32	763602	7.33	598041	9.97
550-193293-1	EB-04_11-2022	114981	4.33	768915	7.33	628591	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288978/2 Date Analyzed: 11/18/2022 10:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		493844	11.84				
UPPER LIMIT		987688	12.34				
LOWER LIMIT		246922	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288978/1002		493844	11.84				
LCSD 550-288978/4		481554	11.84				
MB 550-288978/6		378259	11.84				
550-193293-1	EB-04_11-2022	387056	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: ICIS 550-288457/10 Date Analyzed: 11/11/2022 15:32

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11112211.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		243489	4.07	1246896	7.17	863023	9.84
UPPER LIMIT		486978	4.57	2493792	7.67	1726046	10.34
LOWER LIMIT		121745	3.57	623448	6.67	431512	9.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288457/15		231772	4.08	1349287	7.18	950897	9.85
CCVIS 550-288643/2		219959	4.10	1224351	7.19	811786	9.85
CCVIS 550-288833/2		203152	4.07	1233244	7.18	865101	9.84
CCVIS 550-288949/3		209036	4.08	1026780	7.18	755977	9.85

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: ICIS 550-288457/10 Date Analyzed: 11/11/2022 15:32

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11112211.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		405764	11.70				
UPPER LIMIT		811528	12.20				
LOWER LIMIT		202882	11.20				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288457/15		444597	11.71				
CCVIS 550-288643/2		377122	11.71				
CCVIS 550-288833/2		404341	11.70				
CCVIS 550-288949/3		367169	11.70				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288643/2 Date Analyzed: 11/15/2022 10:49

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11152202.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		219959	4.10	1224351	7.19	811786	9.85
UPPER LIMIT		439918	4.60	2448702	7.69	1623572	10.35
LOWER LIMIT		109980	3.60	612176	6.69	405893	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288643/3		256986	4.07	1291613	7.18	883914	9.85
LCSD 550-288643/4		224767	4.08	1296859	7.17	893633	9.85
MB 550-288643/6		246726	4.08	1191633	7.18	834979	9.84
550-193293-7 MS	R-34_I2_11-2022 MS	220295	4.08	1214530	7.18	853455	9.84
550-193293-7 MSD	R-34_I2_11-2022 MSD	209666	4.09	1152256	7.18	788776	9.84
550-193293-7	R-34_I2_11-2022	223987	4.09	1237460	7.19	815382	9.85
550-193293-8	SMW-3D_11-2022	202149	4.07	1310257	7.18	913017	9.85
550-193293-9	R-01_S2_11-2022	202574	4.07	1187866	7.18	789976	9.85
550-193293-10	M-12_11-2022	202725	4.09	1084916	7.19	713528	9.85

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288643/2 Date Analyzed: 11/15/2022 10:49

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11152202.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		377122	11.71				
UPPER LIMIT		754244	12.21				
LOWER LIMIT		188561	11.21				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288643/3		413313	11.70				
LCSD 550-288643/4		411579	11.70				
MB 550-288643/6		421516	11.70				
550-193293-7 MS	R-34_I2_11-2022 MS	403671	11.70				
550-193293-7 MSD	R-34_I2_11-2022 MSD	373193	11.70				
550-193293-7	R-34_I2_11-2022	412283	11.70				
550-193293-8	SMW-3D_11-2022	430967	11.70				
550-193293-9	R-01_S2_11-2022	398063	11.70				
550-193293-10	M-12_11-2022	357226	11.70				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288833/2 Date Analyzed: 11/17/2022 06:53

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162234.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		203152	4.07	1233244	7.18	865101	9.84
UPPER LIMIT		406304	4.57	2466488	7.68	1730202	10.34
LOWER LIMIT		101576	3.57	616622	6.68	432551	9.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288833/3		216245	4.08	1178737	7.18	831095	9.85
LCSD 550-288833/4		219693	4.10	1129052	7.19	820242	9.85
MB 550-288833/6		185782	4.11	897866	7.19	611095	9.85
550-193293-1	EB-04_11-2022	178378	4.09	1016707	7.18	666193	9.85
550-193293-6 MS	SMW-93D_11-2022 MS	210307	4.10	1166440	7.19	849768	9.85
550-193293-6 MSD	SMW-93D_11-2022 MSD	266816	4.09	1241190	7.19	908504	9.85
550-193293-6	SMW-93D_11-2022	173710	4.09	1011374	7.19	668589	9.85
550-193293-8 DL3	SMW-3D_11-2022 DL3	150155	4.08	966642	7.19	646903	9.85
550-193293-8 DL2	SMW-3D_11-2022 DL2	153488	4.08	961526	7.19	652282	9.85

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288833/2 Date Analyzed: 11/17/2022 06:53

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162234.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		404341	11.70				
UPPER LIMIT		808682	12.20				
LOWER LIMIT		202171	11.20				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288833/3		385829	11.70				
LCSD 550-288833/4		405522	11.70				
MB 550-288833/6		301662	11.70				
550-193293-1	EB-04_11-2022	335976	11.70				
550-193293-6 MS	SMW-93D_11-2022 MS	406137	11.70				
550-193293-6 MSD	SMW-93D_11-2022 MSD	442664	11.70				
550-193293-6	SMW-93D_11-2022	338765	11.71				
550-193293-8 DL3	SMW-3D_11-2022 DL3	328359	11.70				
550-193293-8 DL2	SMW-3D_11-2022 DL2	327209	11.71				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288949/3 Date Analyzed: 11/18/2022 10:06

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162294.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		209036	4.08	1026780	7.18	755977	9.85
UPPER LIMIT		418072	4.58	2053560	7.68	1511954	10.35
LOWER LIMIT		104518	3.58	513390	6.68	377989	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288949/4		220513	4.09	1047975	7.18	728790	9.84
LCSD 550-288949/5		206942	4.09	1041301	7.19	720103	9.85
MB 550-288949/7		149103	4.09	877168	7.18	603493	9.84
550-193293-6 DL	SMW-93D_11-2022 DL	173274	4.08	868116	7.18	604256	9.85

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Sample No.: CCVIS 550-288949/3 Date Analyzed: 11/18/2022 10:06

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162294.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		367169	11.70				
UPPER LIMIT		734338	12.20				
LOWER LIMIT		183585	11.20				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288949/4		342047	11.70				
LCSD 550-288949/5		338445	11.70				
MB 550-288949/7		307278	11.70				
550-193293-6 DL	SMW-93D_11-2022 DL	307068	11.70				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: EB-04_11-2022 | Lab Sample ID: 550-193293-1

Matrix: Water | Lab File ID: 11162239.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 09:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	1.1	J	2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND	*+	10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49
108-90-7	Chlorobenzene	ND		2.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: EB-04_11-2022 | Lab Sample ID: 550-193293-1

Matrix: Water | Lab File ID: 11162239.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 09:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	4.3		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	0.65	J	2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: EB-04_11-2022 Lab Sample ID: 550-193293-1

Matrix: Water Lab File ID: 11162239.D

Analysis Method: 8260B Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) Date Analyzed: 11/17/2022 09:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: EB-04_11-2022 | Lab Sample ID: 550-193293-1

Matrix: Water | Lab File ID: 11182211.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 14:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		20	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 | Lab Sample ID: 550-193293-2

Matrix: Water | Lab File ID: 11152217.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 | Lab Sample ID: 550-193293-2

Matrix: Water | Lab File ID: 11152217.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	20		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	6.8		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 | Lab Sample ID: 550-193293-2

Matrix: Water | Lab File ID: 11152217.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-934_D2_11-2022 | Lab Sample ID: 550-193293-3

Matrix: Water | Lab File ID: 11152224.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-934_D2_11-2022 | Lab Sample ID: 550-193293-3

Matrix: Water | Lab File ID: 11152224.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	9.9		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	3.0		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-934_D2_11-2022 | Lab Sample ID: 550-193293-3

Matrix: Water | Lab File ID: 11152224.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-23_11-2022 | Lab Sample ID: 550-193293-4

Matrix: Water | Lab File ID: 11152220.D

Analysis Method: 8260B | Date Collected: 11/04/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-23_11-2022 | Lab Sample ID: 550-193293-4

Matrix: Water | Lab File ID: 11152220.D

Analysis Method: 8260B | Date Collected: 11/04/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	0.96	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-23_11-2022 | Lab Sample ID: 550-193293-4

Matrix: Water | Lab File ID: 11152220.D

Analysis Method: 8260B | Date Collected: 11/04/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I1_11-2022 | Lab Sample ID: 550-193293-5

Matrix: Water | Lab File ID: 11152221.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	0.59	J	2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I1_11-2022 | Lab Sample ID: 550-193293-5

Matrix: Water | Lab File ID: 11152221.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	10		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	4.1		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	2.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	9.9		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I1_11-2022 Lab Sample ID: 550-193293-5

Matrix: Water Lab File ID: 11152221.D

Analysis Method: 8260B Date Collected: 11/04/2022 11:05

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 15:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 | Lab Sample ID: 550-193293-6

Matrix: Water | Lab File ID: 11162245.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	0.49	J	2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	20	B	20	9.8
71-43-2	Benzene	0.95	J	2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND	*+	10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 | Lab Sample ID: 550-193293-6

Matrix: Water | Lab File ID: 11162245.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	16		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1400	E	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	3.1	J	5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	0.62	J	2.0	0.48
108-88-3	Toluene	2.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	80		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	69		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 | Lab Sample ID: 550-193293-6

Matrix: Water | Lab File ID: 11162245.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 DL | Lab Sample ID: 550-193293-6 DL

Matrix: Water | Lab File ID: 11162303.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 14:01

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1400	D	100	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 | Lab Sample ID: 550-193293-7

Matrix: Water | Lab File ID: 11152209.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 | Lab Sample ID: 550-193293-7

Matrix: Water | Lab File ID: 11152209.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.8	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	56		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	0.60	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	17		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 | Lab Sample ID: 550-193293-7

Matrix: Water | Lab File ID: 11152209.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 | Lab Sample ID: 550-193293-8

Matrix: Water | Lab File ID: 11152210.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	0.85	J	2.0	0.49
75-35-4	1,1-Dichloroethene	5.6		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	0.61	J	2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 | Lab Sample ID: 550-193293-8

Matrix: Water | Lab File ID: 11152210.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	33		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
108-88-3	Toluene	1.9	J	2.0	0.49
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 DL | Lab Sample ID: 550-193293-8 DL

Matrix: Water | Lab File ID: 11162222.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 16:29

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-60-5	trans-1,2-Dichloroethene	200	D	20	5.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 DL2 | Lab Sample ID: 550-193293-8 DL2

Matrix: Water | Lab File ID: 11162220.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 15:47

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1200	D	100	24
79-01-6	Trichloroethene	860	D	100	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 DL2 | Lab Sample ID: 550-193293-8 DL2

Matrix: Water | Lab File ID: 11162247.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 13:32

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	3700	*+	250	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-3D_11-2022 DL3 | Lab Sample ID: 550-193293-8 DL3

Matrix: Water | Lab File ID: 11162246.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 13:06

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	6300	D	200	62

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-01_S2_11-2022 | Lab Sample ID: 550-193293-9

Matrix: Water | Lab File ID: 11152211.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:08

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-01_S2_11-2022 | Lab Sample ID: 550-193293-9

Matrix: Water | Lab File ID: 11152211.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:08

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.7	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	0.55	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-01_S2_11-2022 | Lab Sample ID: 550-193293-9

Matrix: Water | Lab File ID: 11152211.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:08

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: M-12_11-2022 | Lab Sample ID: 550-193293-10

Matrix: Water | Lab File ID: 11152212.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: M-12_11-2022 | Lab Sample ID: 550-193293-10

Matrix: Water | Lab File ID: 11152212.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.7	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	18		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	7.0		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: M-12_11-2022 | Lab Sample ID: 550-193293-10

Matrix: Water | Lab File ID: 11152212.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: TB-04_11-2022 | Lab Sample ID: 550-193293-11

Matrix: Water | Lab File ID: 11142207.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:04

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: TB-04_11-2022 | Lab Sample ID: 550-193293-11

Matrix: Water | Lab File ID: 11142207.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:04

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	0.95	J	5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.5	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: TB-04_11-2022 Lab Sample ID: 550-193293-11

Matrix: Water Lab File ID: 11142207.D

Analysis Method: 8260B Date Collected: 11/02/2022 16:04

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188 1011919	42024 1817393	78737 2925530	206697 4137291	410767	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
tert-Butylbenzene	DCBd 4	Ave	25006 1114906	46259 1935535	91779 3256219	240694 4729715	483514	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602 1206372	49398 2076668	96879 3452051	251844 4988214	502992	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
sec-Butylbenzene	DCBd 4	Ave	31737 1397170	59115 2442130	116071 4131905	306873 5954380	613132	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	18204 782193	32162 1373413	63978 2207118	161734 3219631	320044	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
4-Isopropyltoluene	DCBd 4	Ave	30674 1338220	56668 2309199	111423 3889447	295543 5687819	587952	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	18081 774798	33153 1337786	62813 2139443	161066 3123296	316239	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
n-Butylbenzene	DCBd 4	Ave	26110 1081192	48862 1824868	97171 3087386	254863 4451351	501452	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	16275 745964	31664 1286930	61906 2063903	153686 2937840	304555	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 52427	2115 108561	3925 161361	9662 215067	20545	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013 527877	26264 825209	51354 1387789	123692 2003749	240612	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

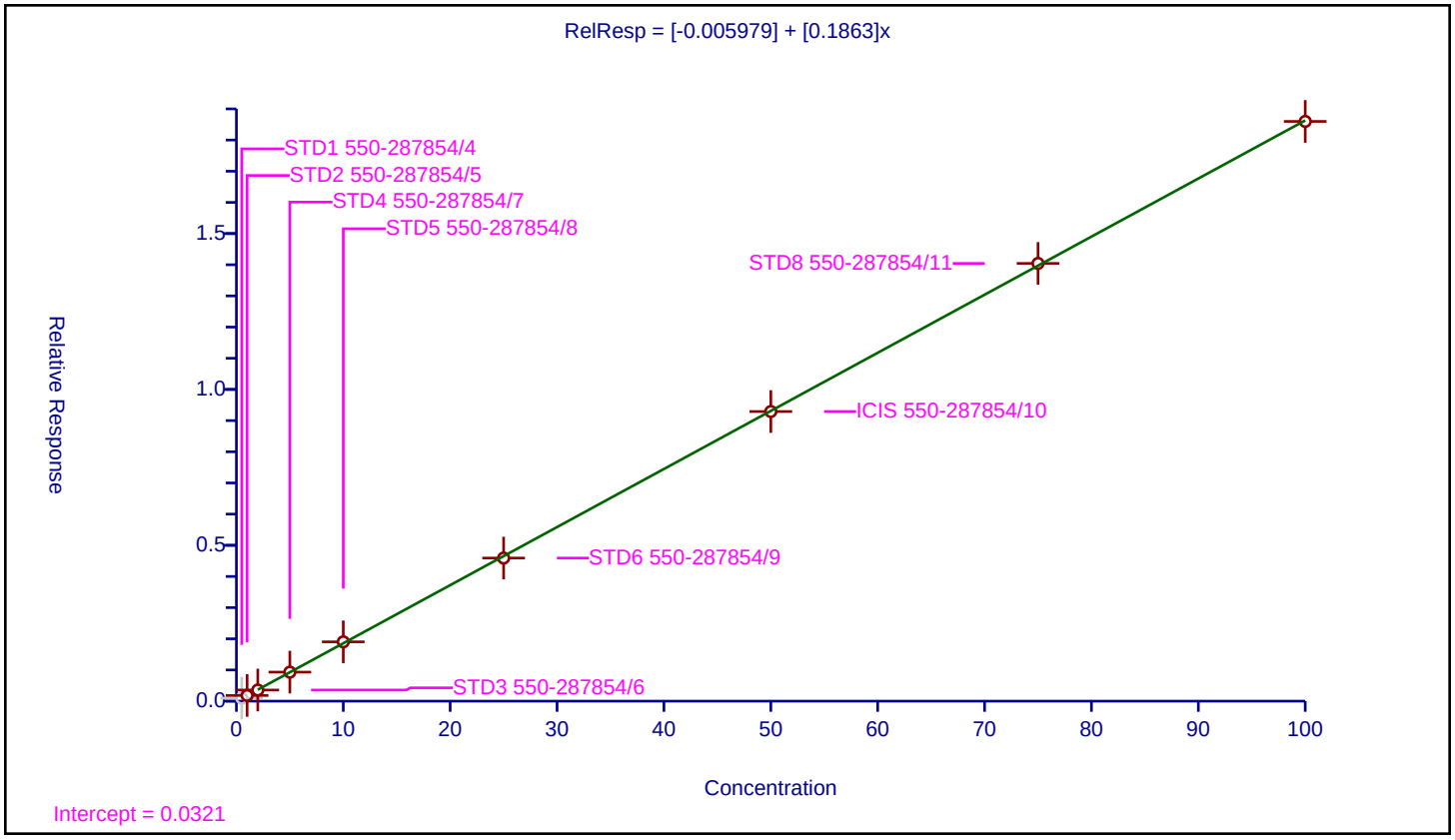
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

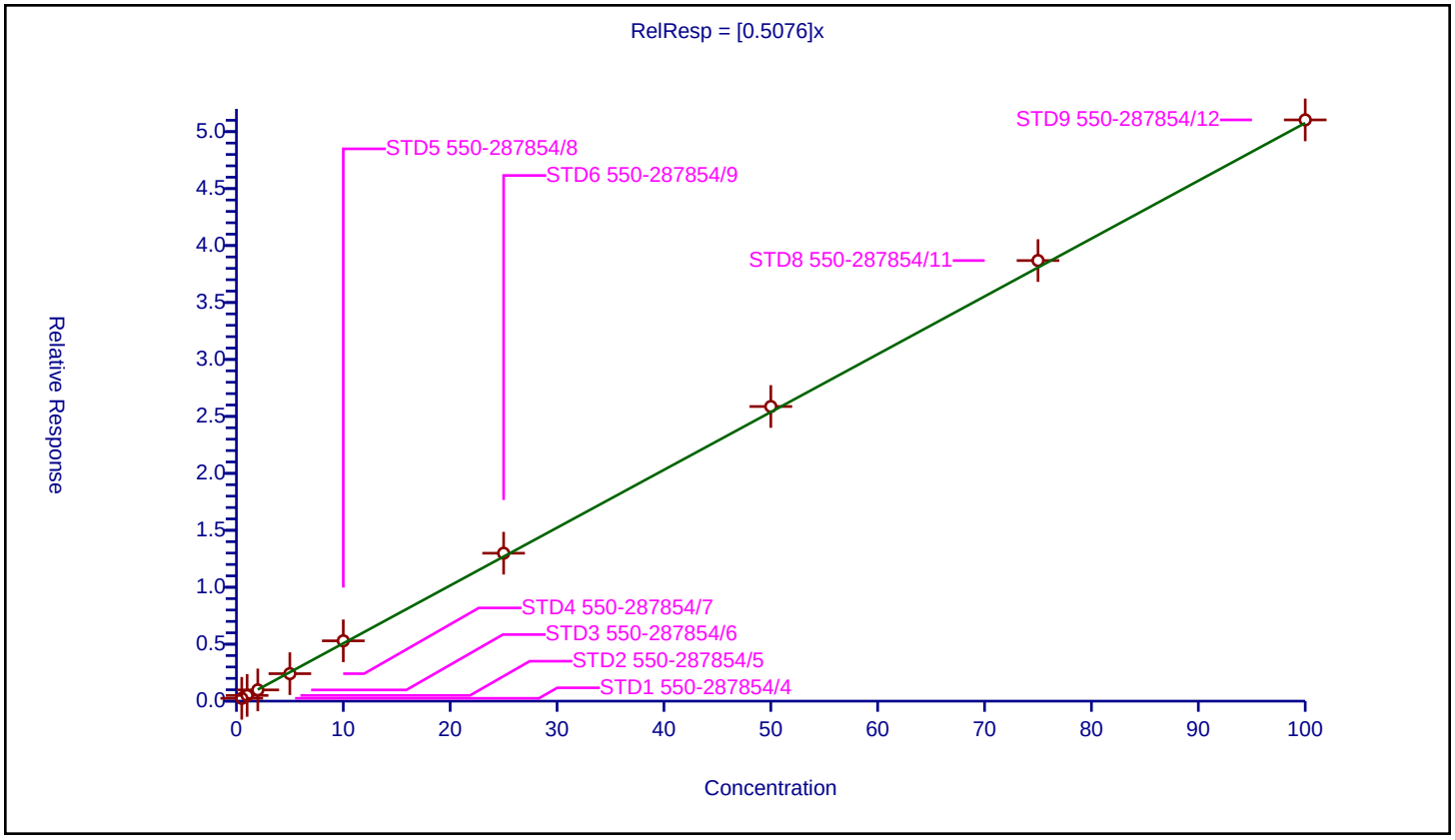
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

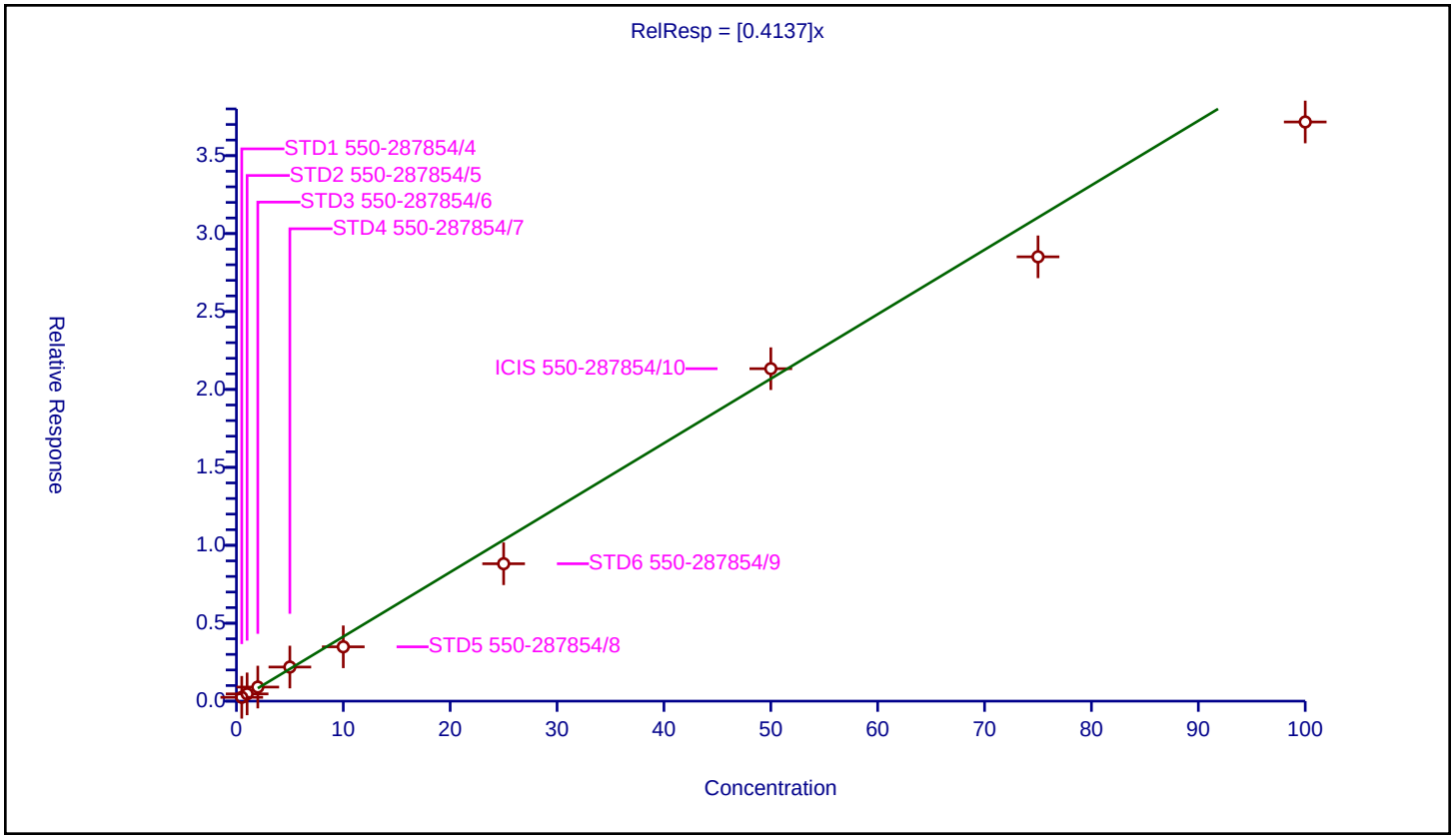
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

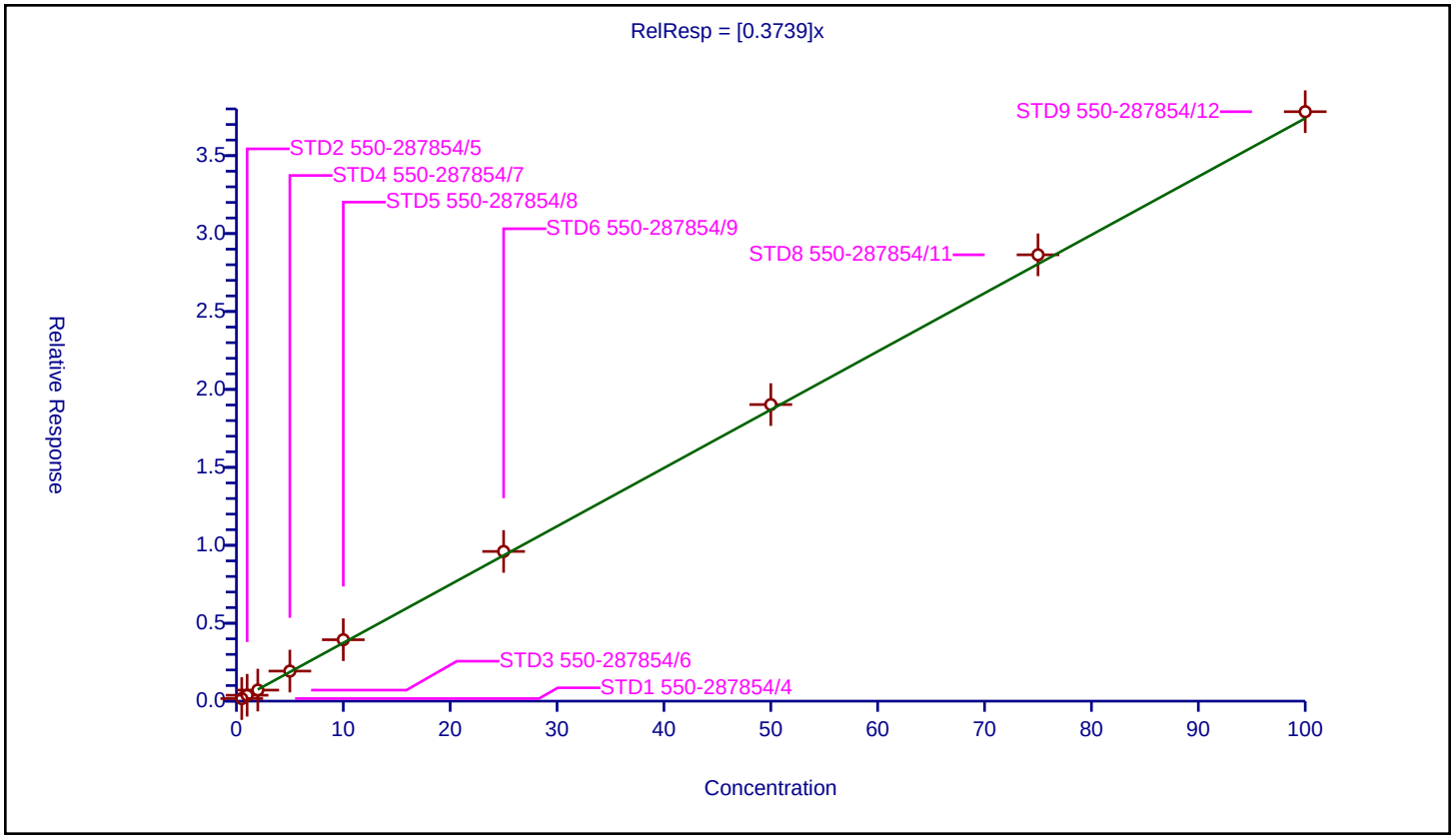
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

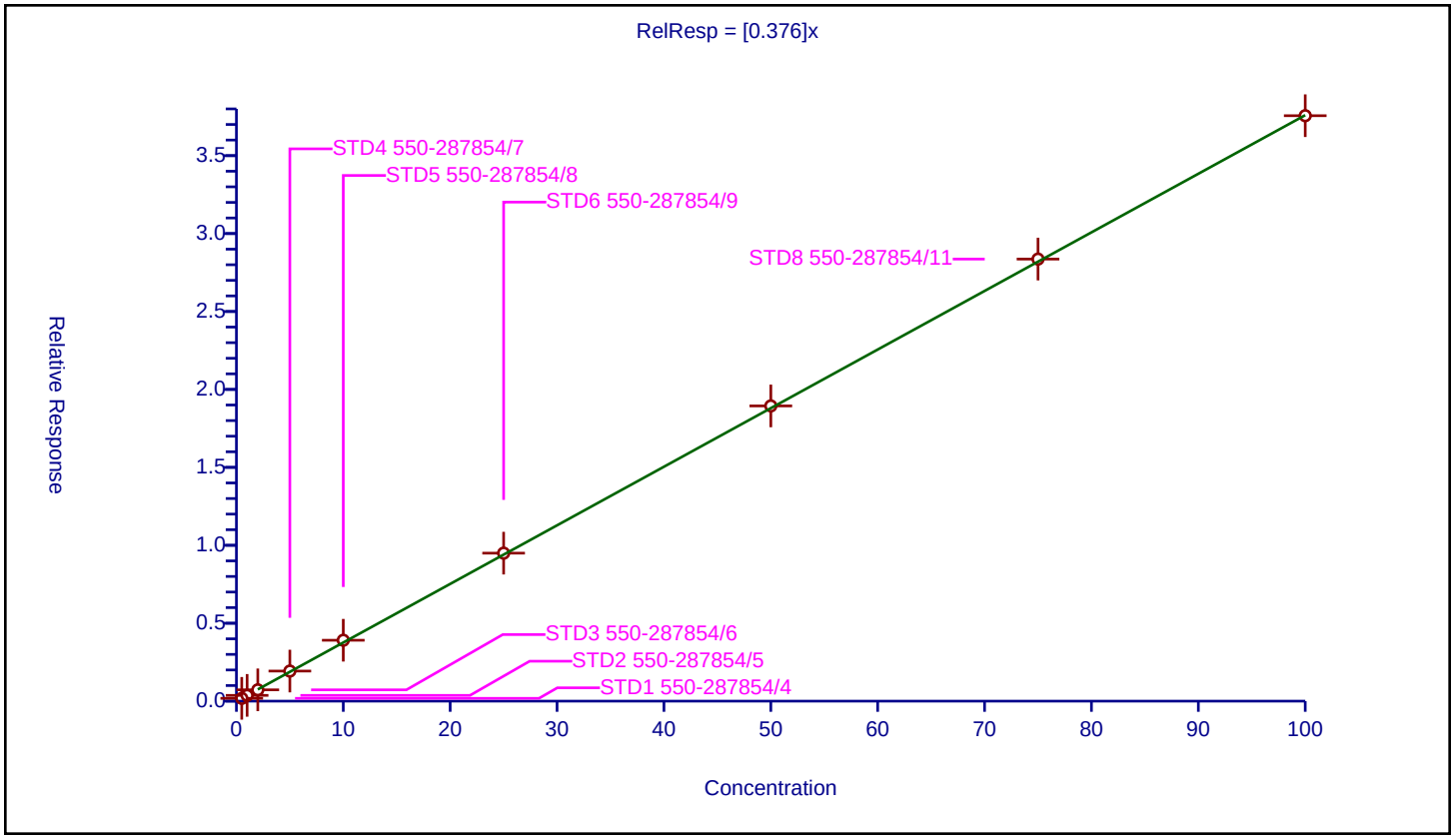
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

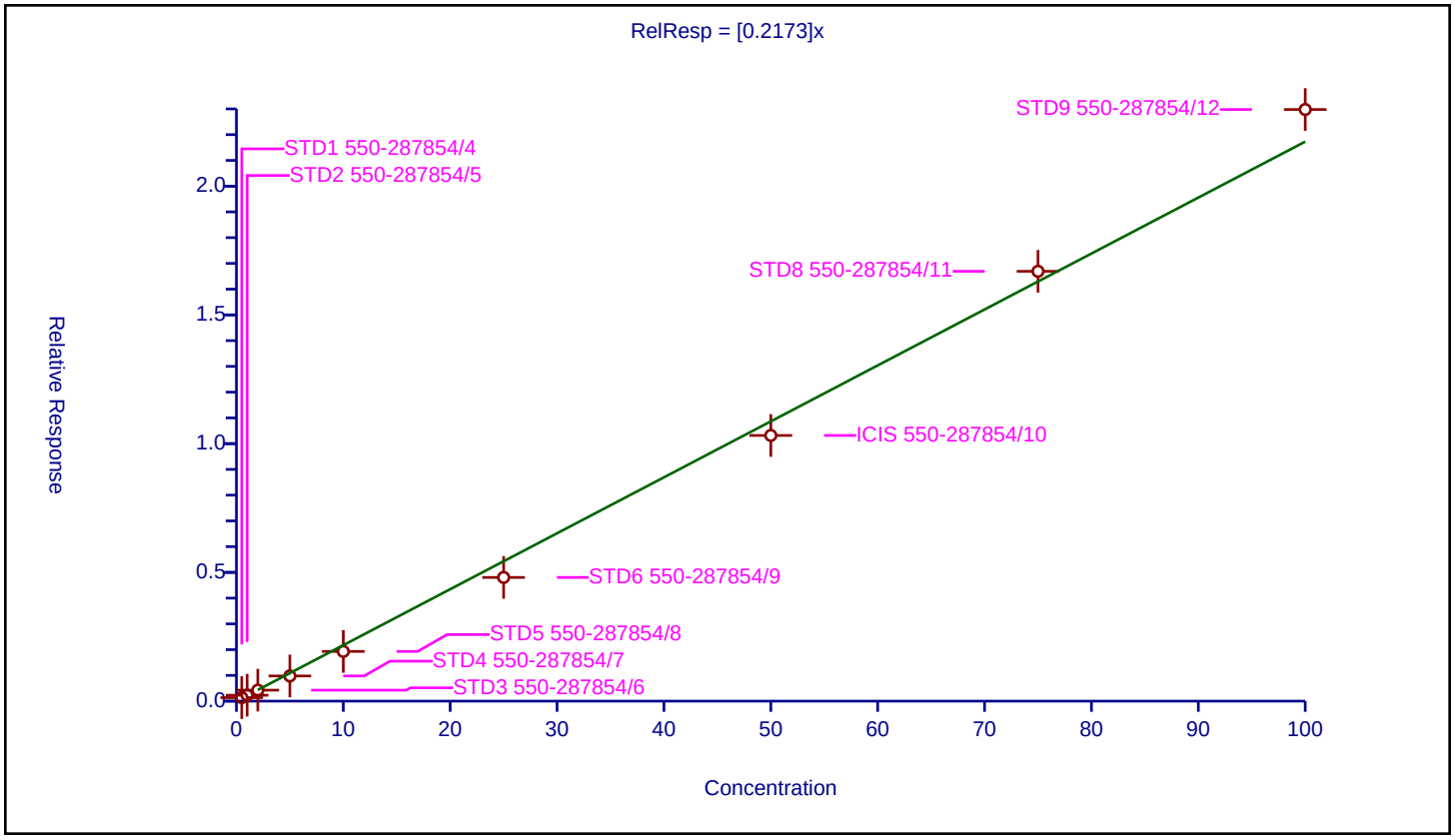
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

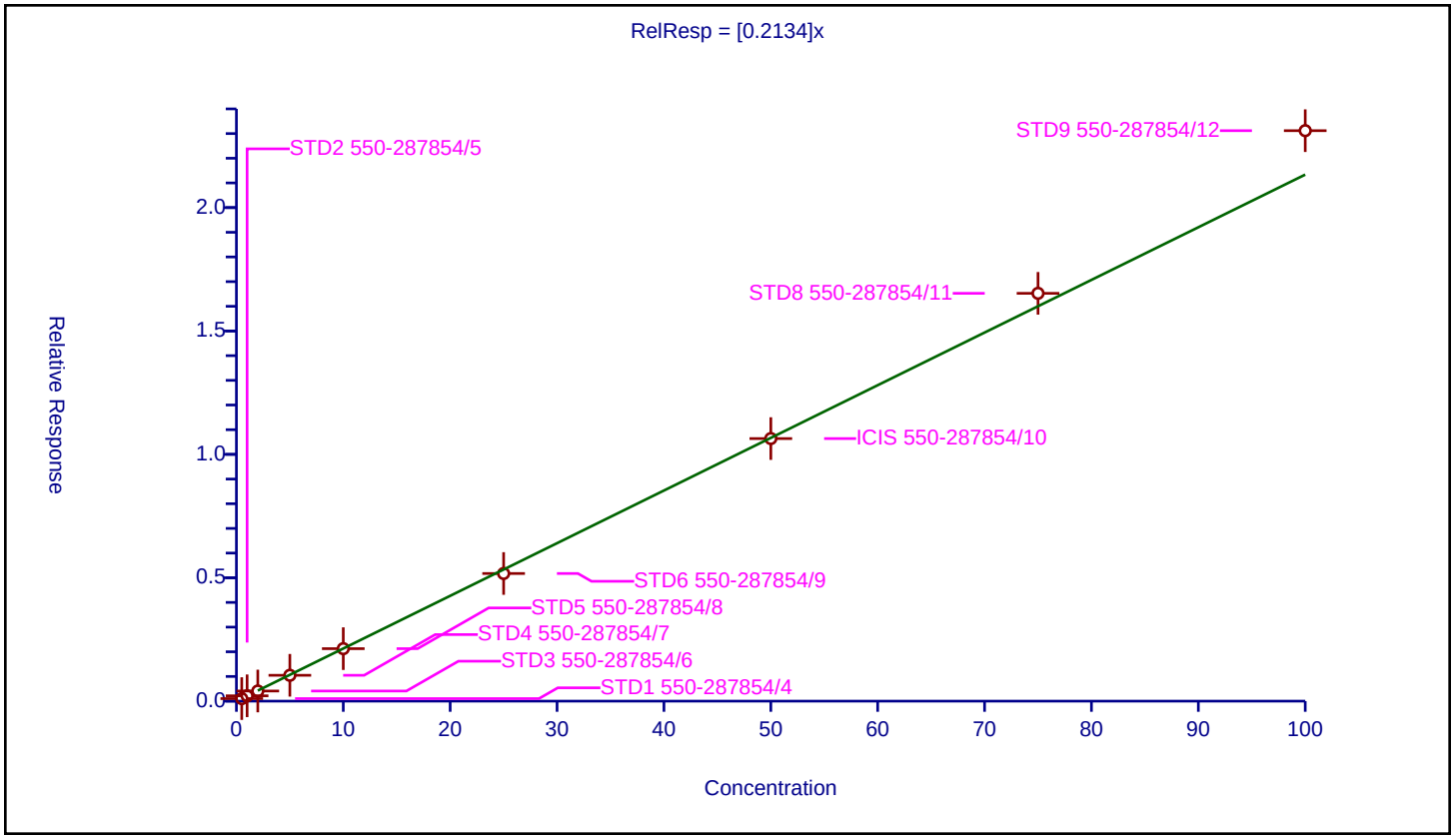
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

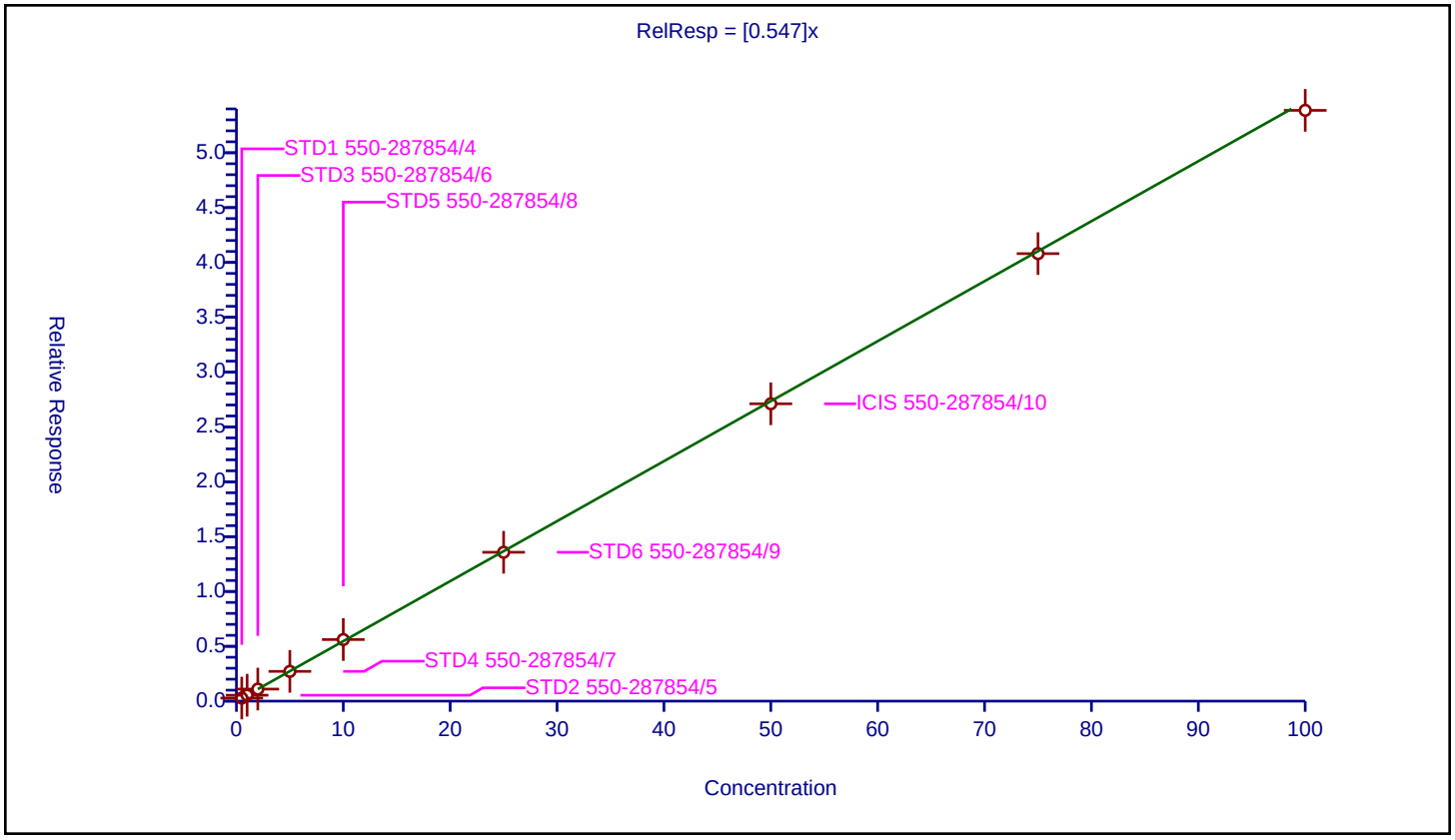
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

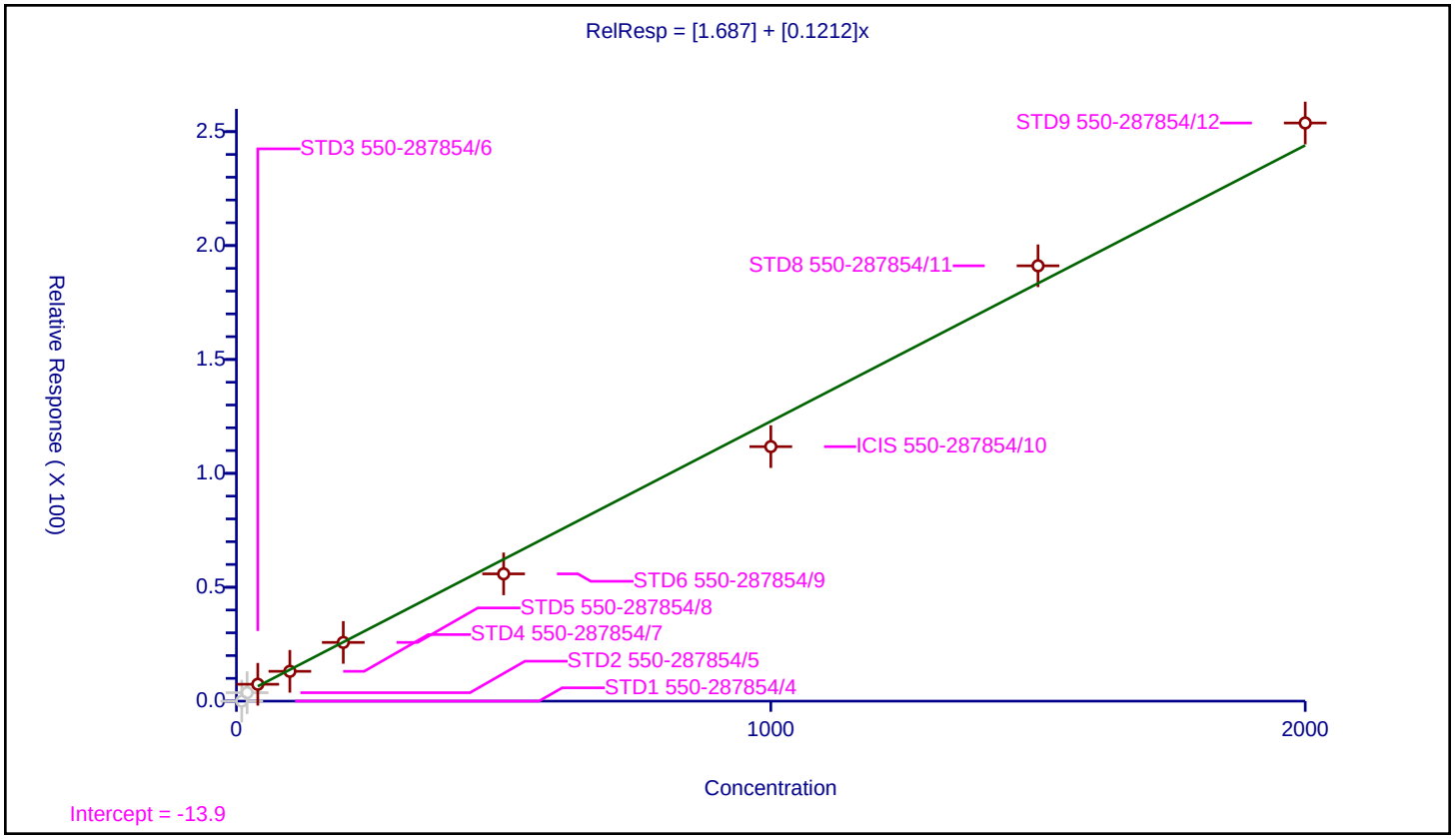
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

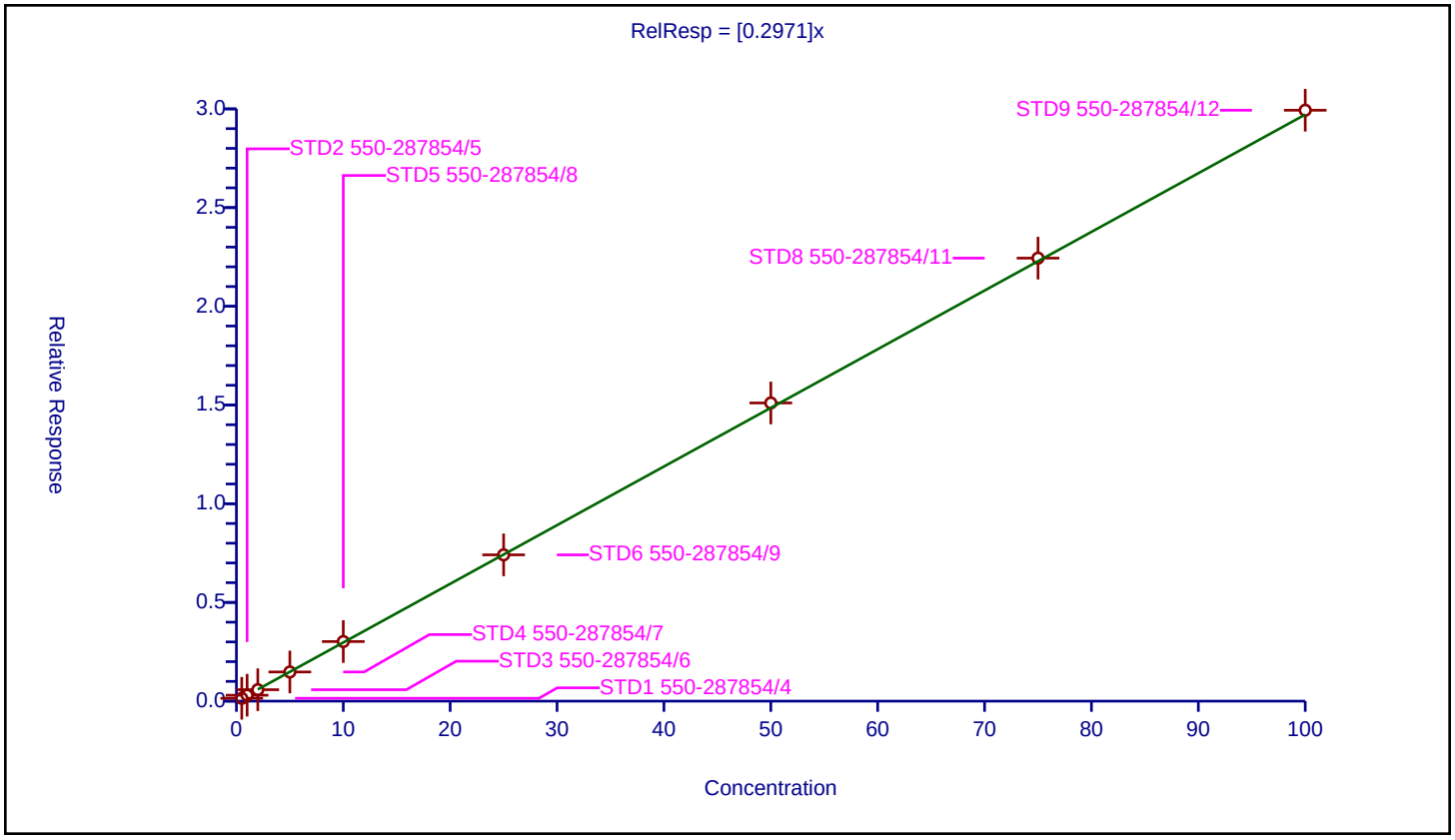
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

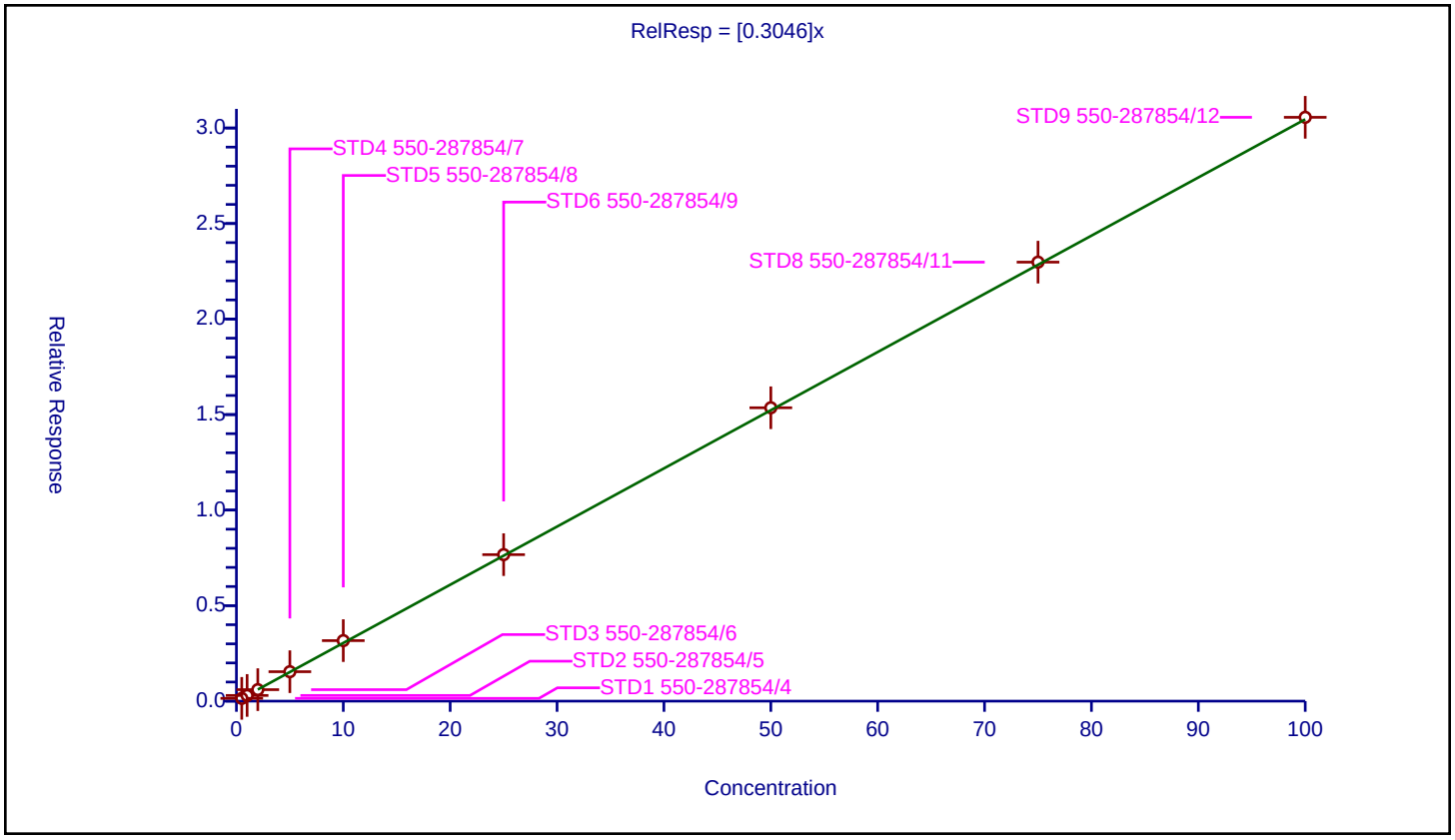
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

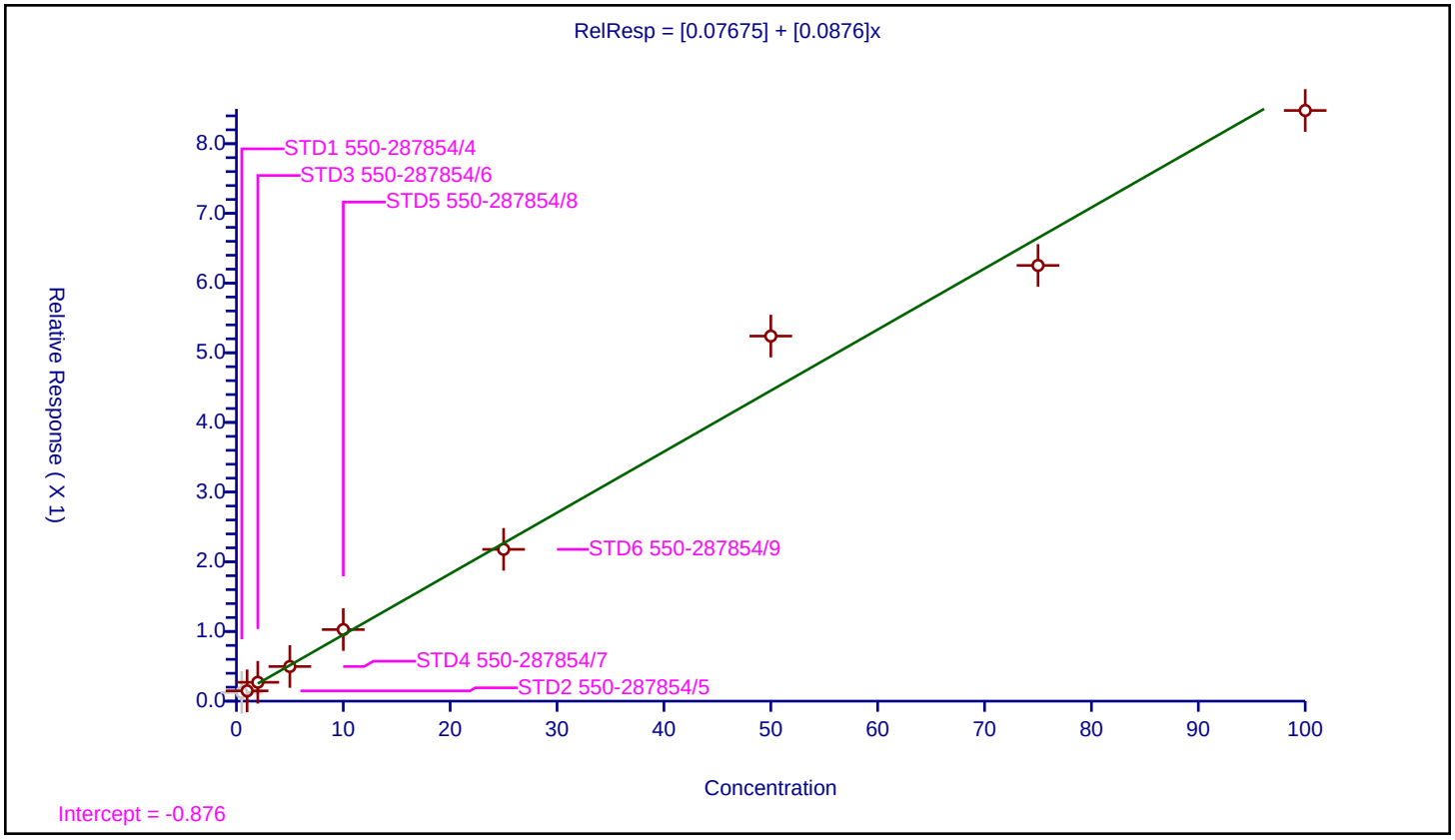
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

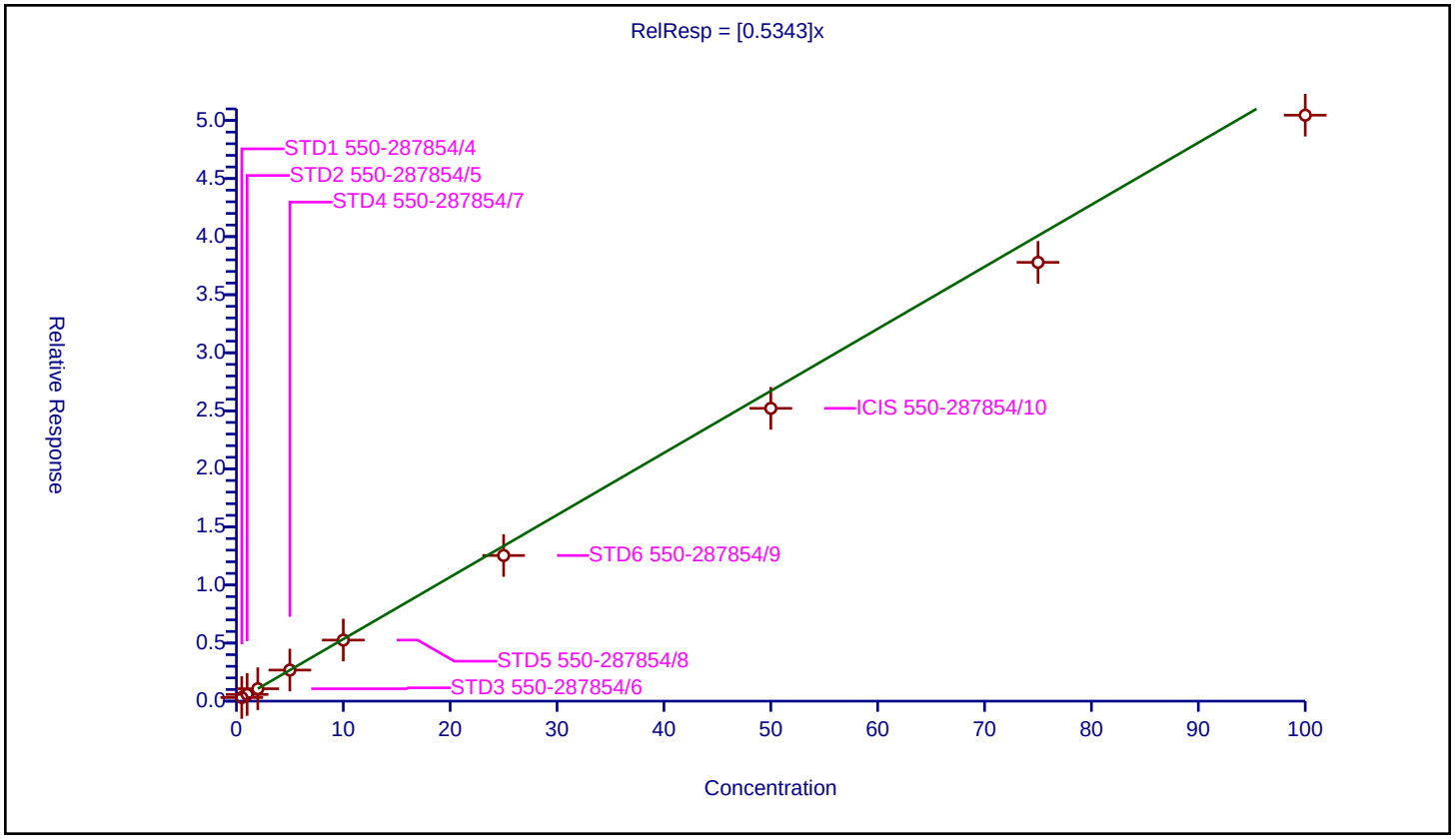
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

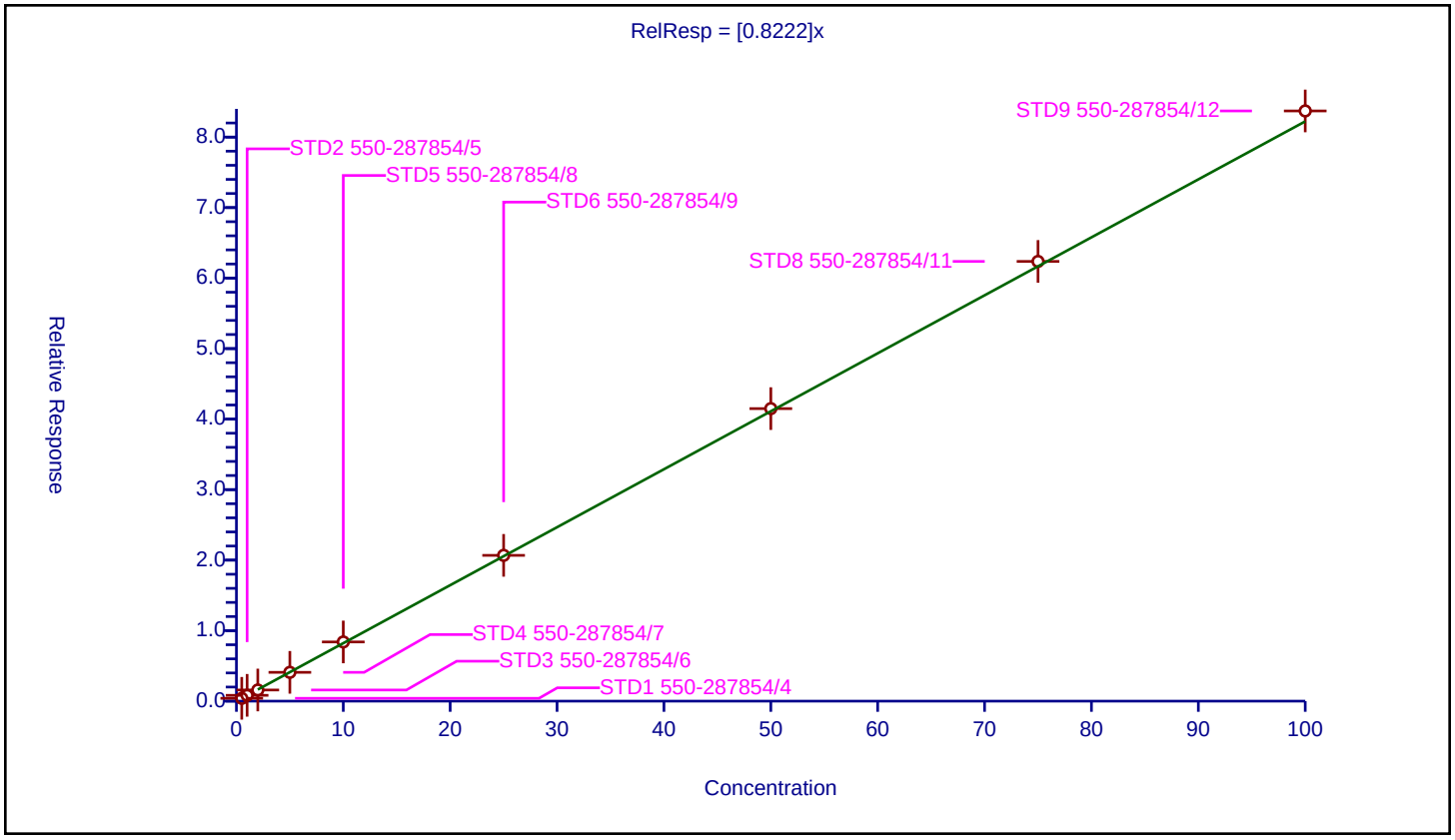
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

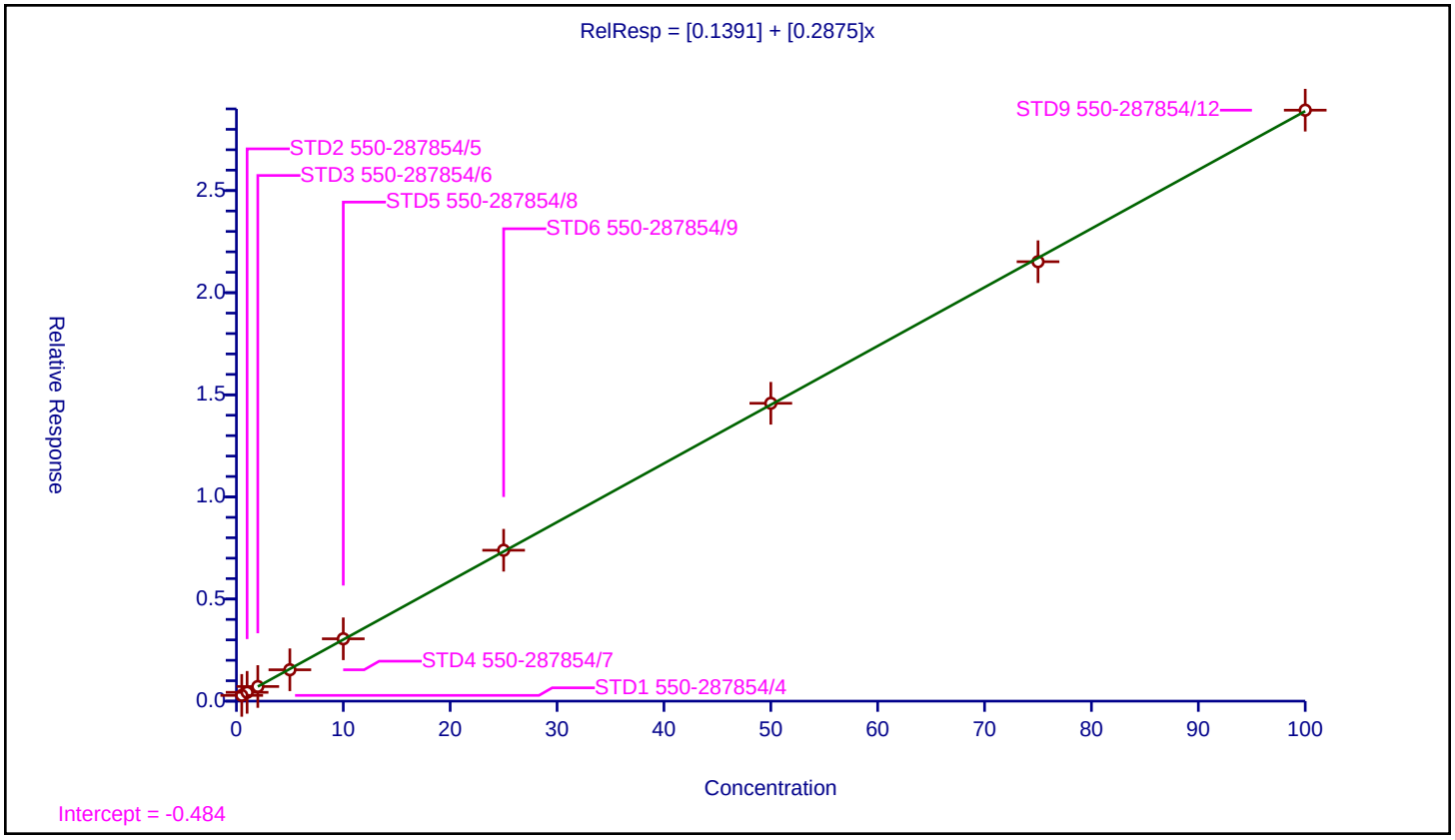
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

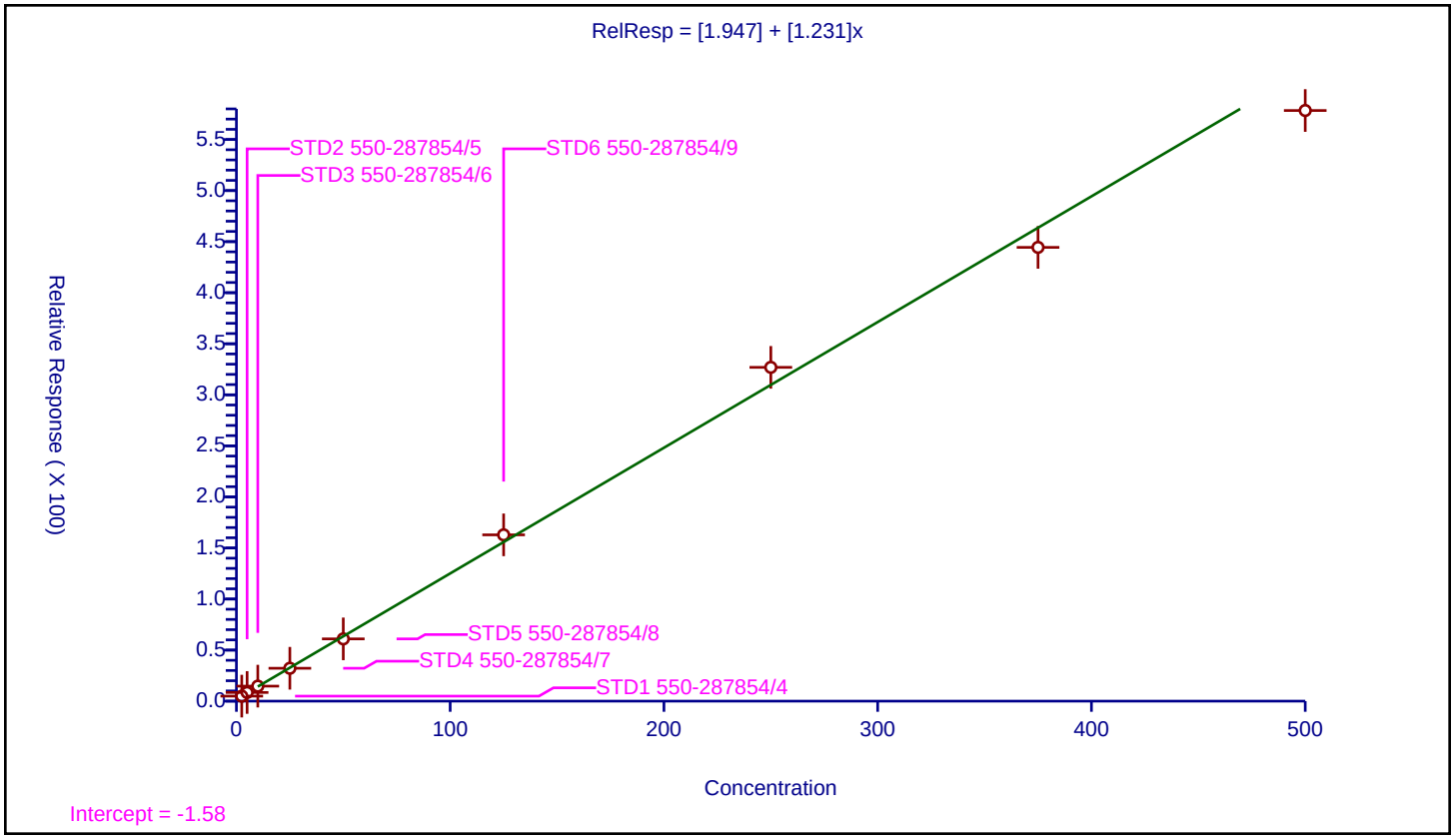
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

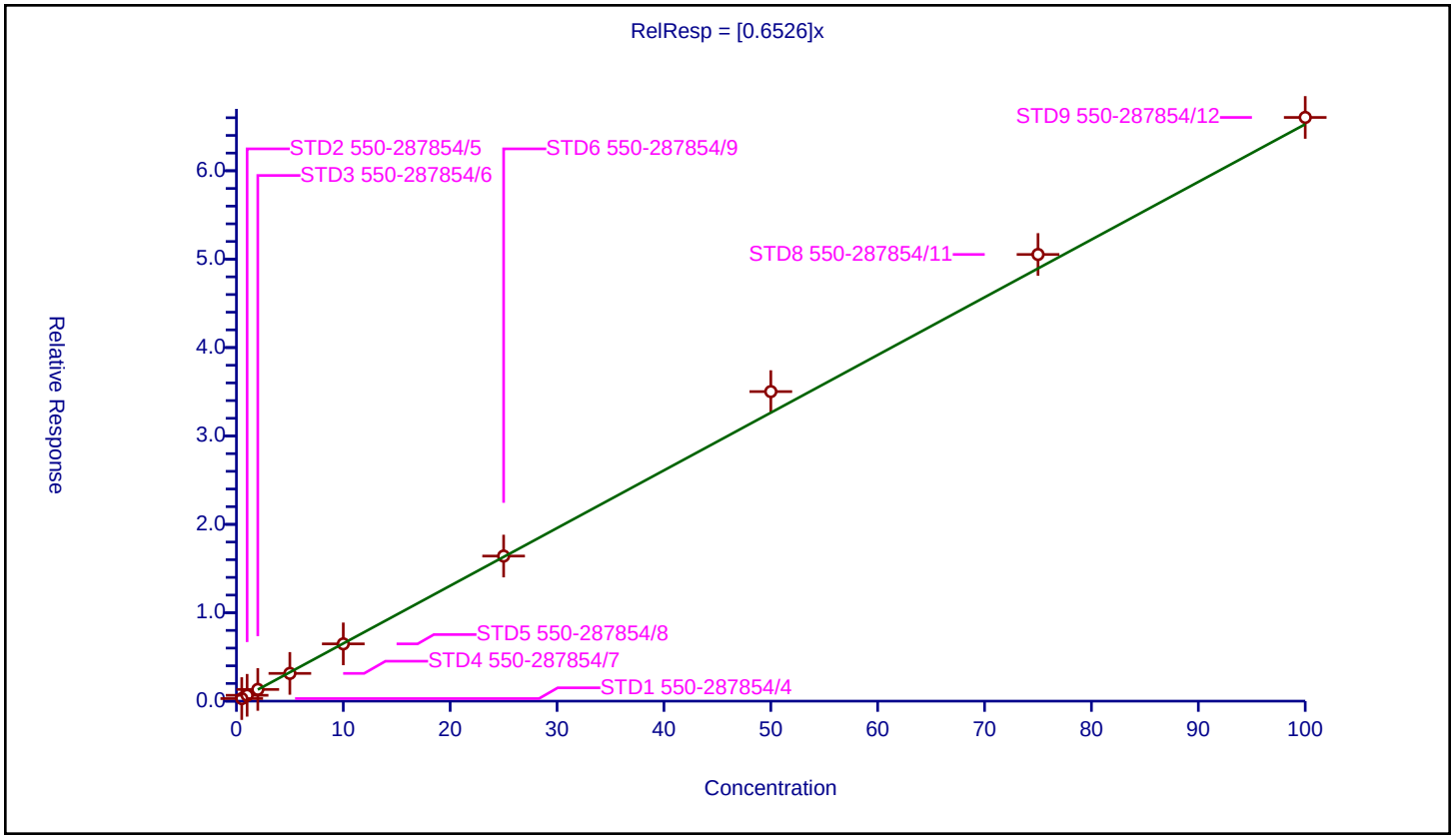
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

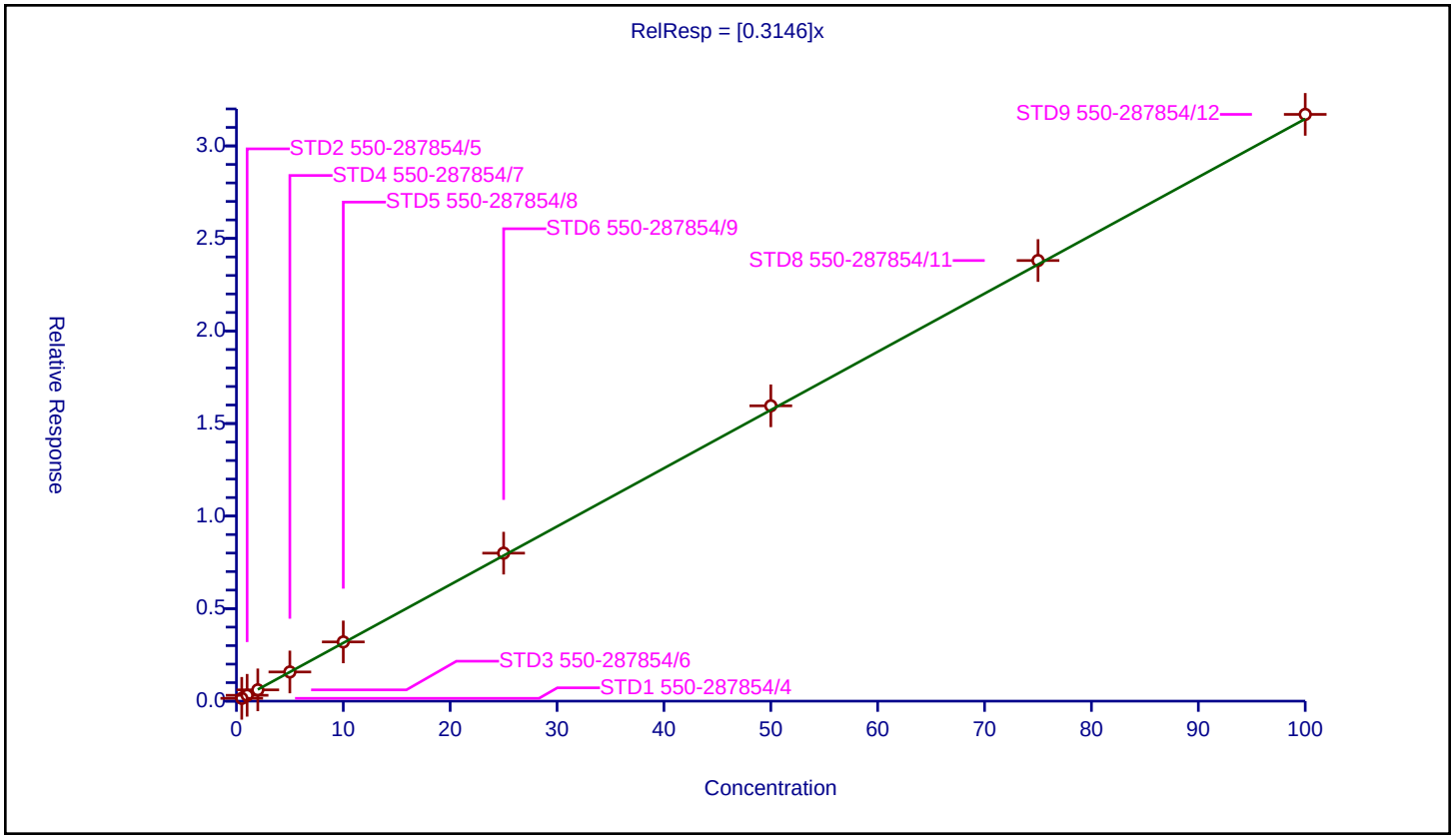
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

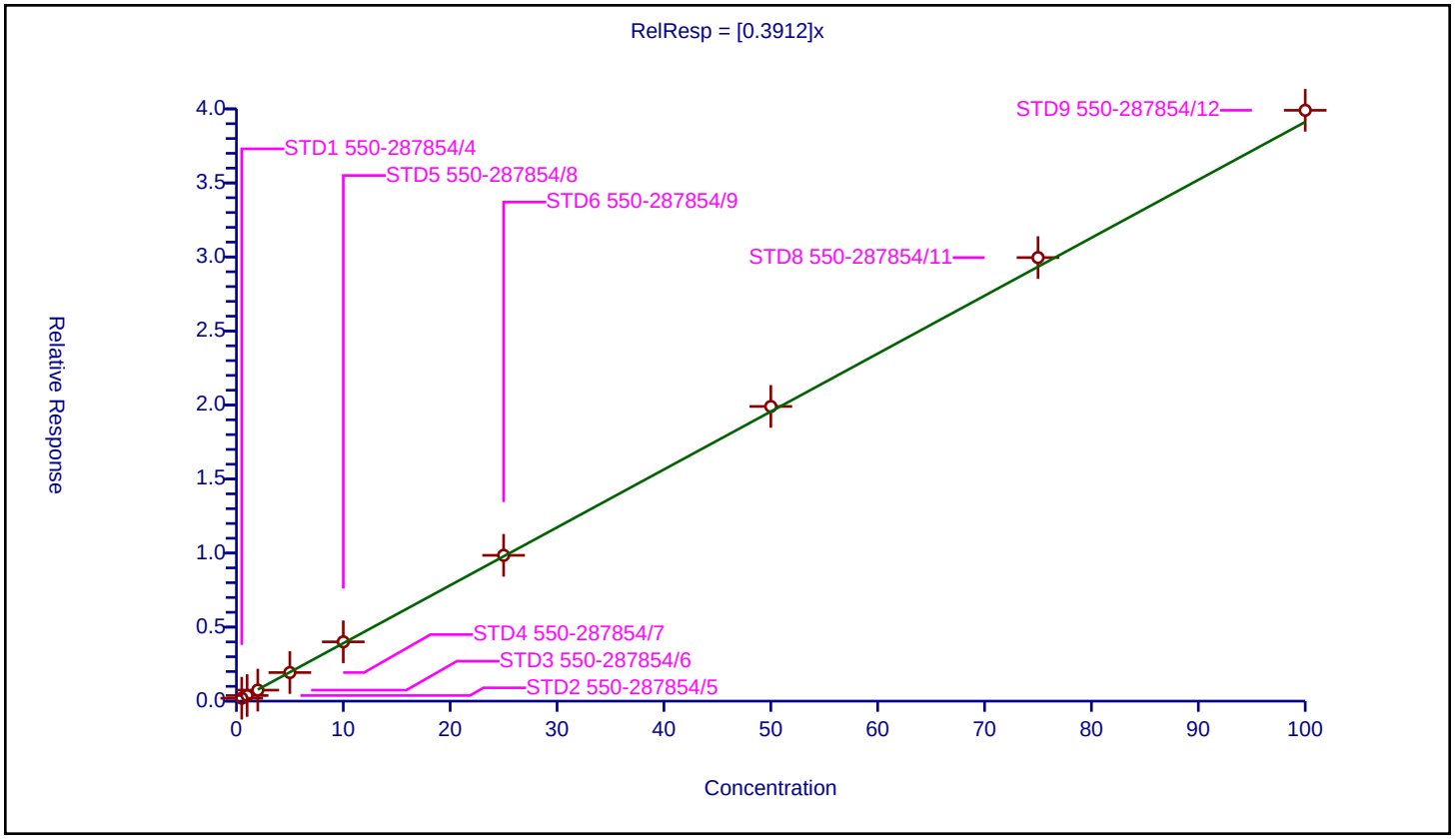
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

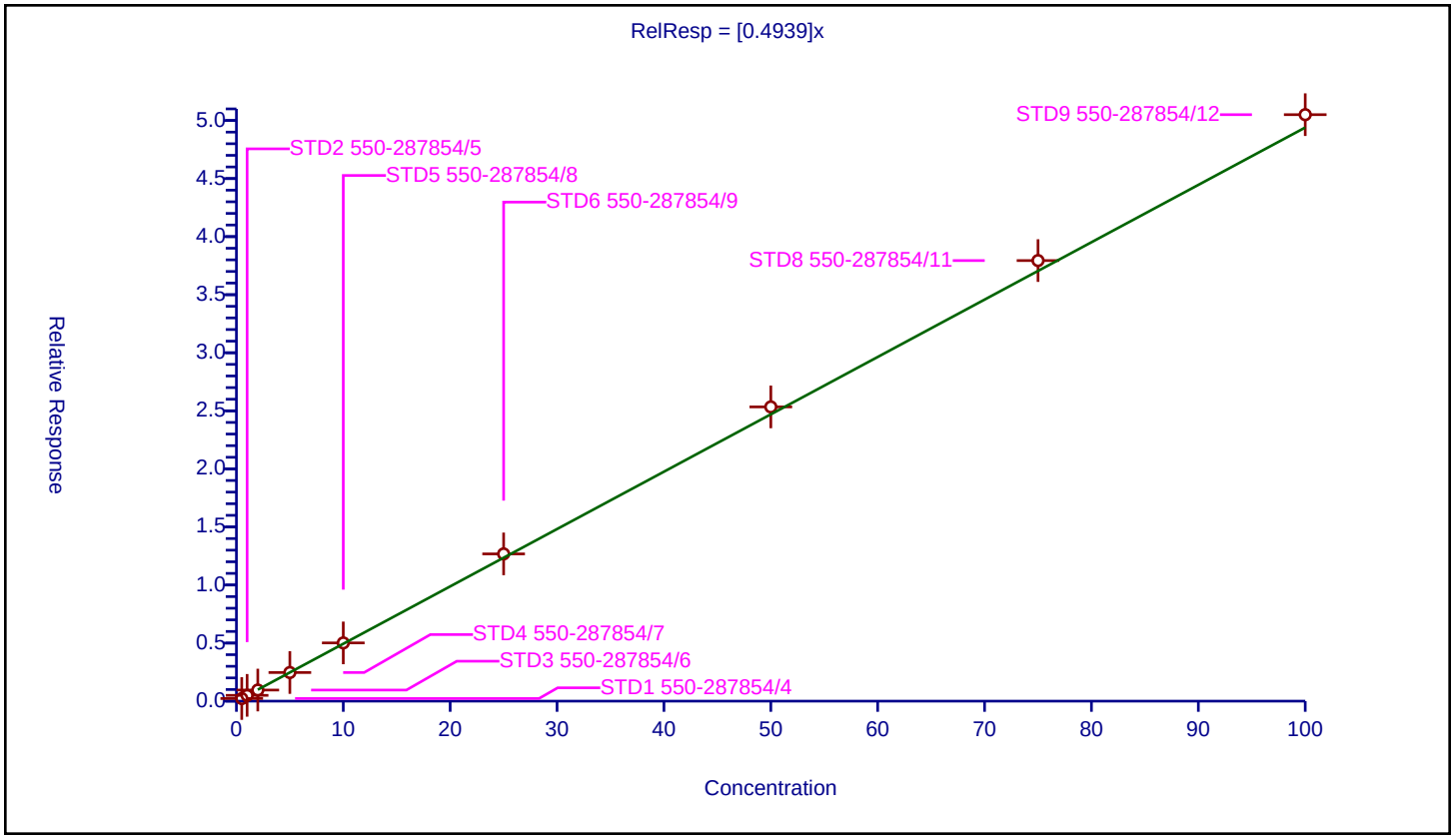
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

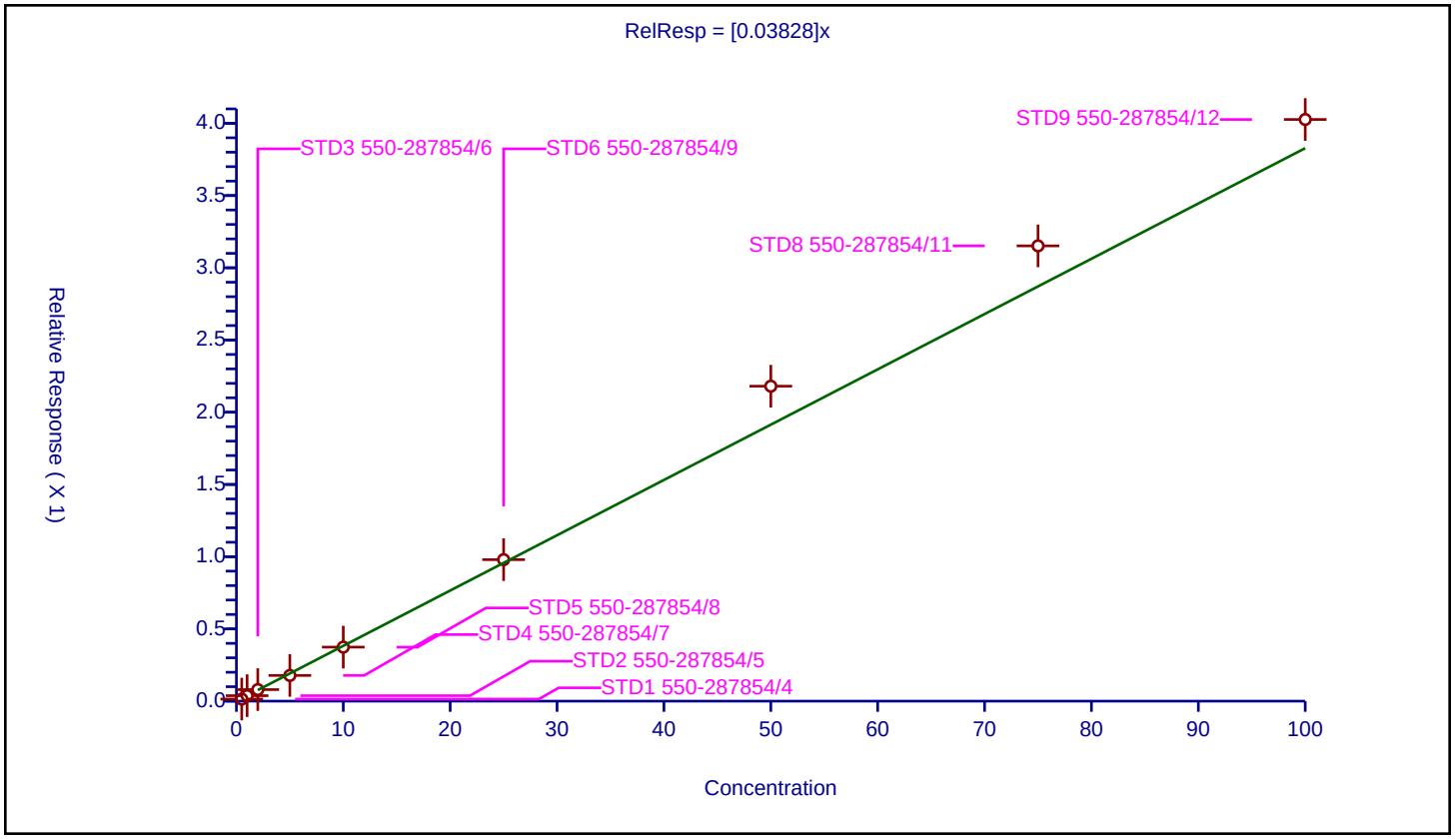
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

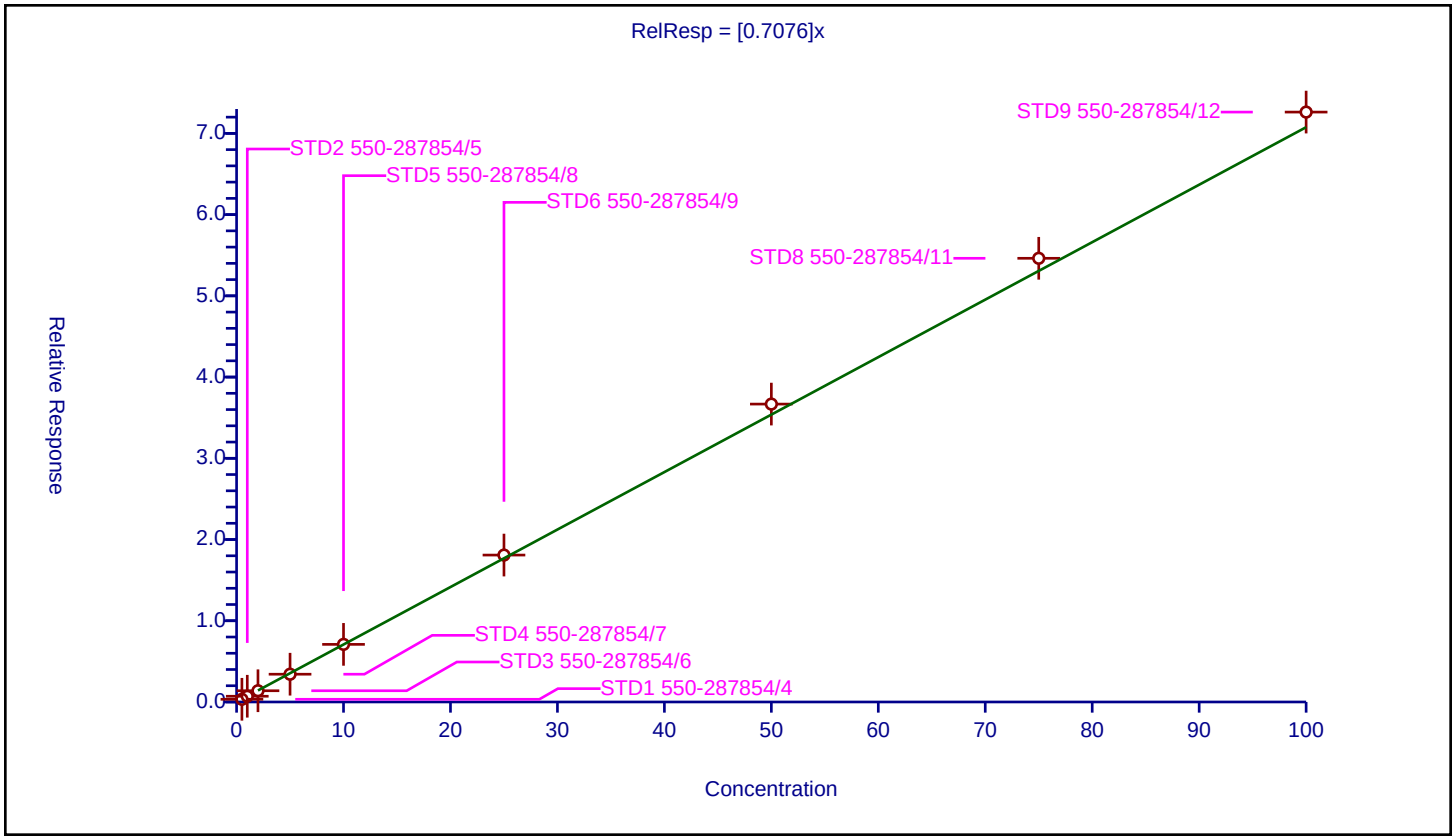
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

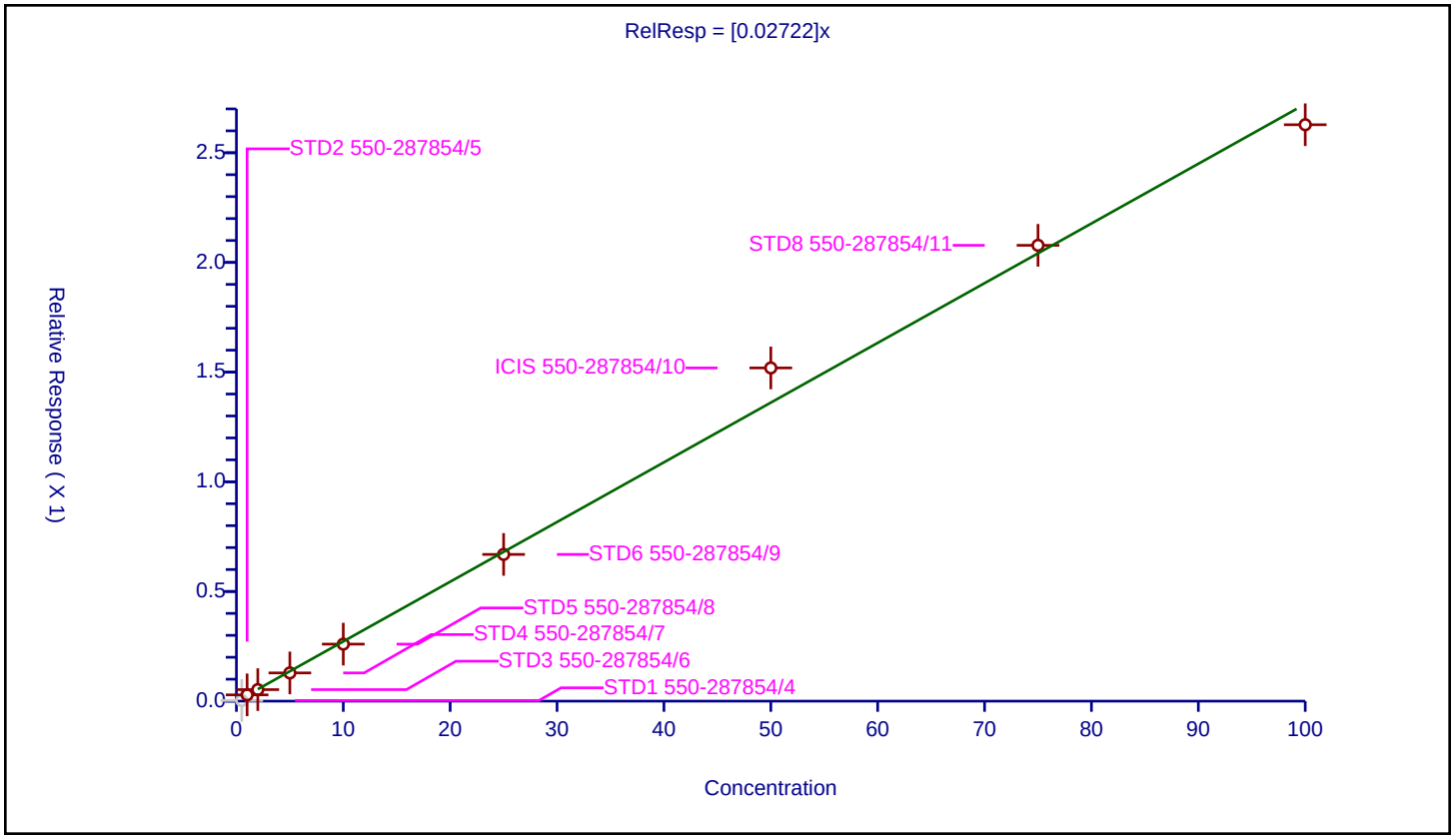
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

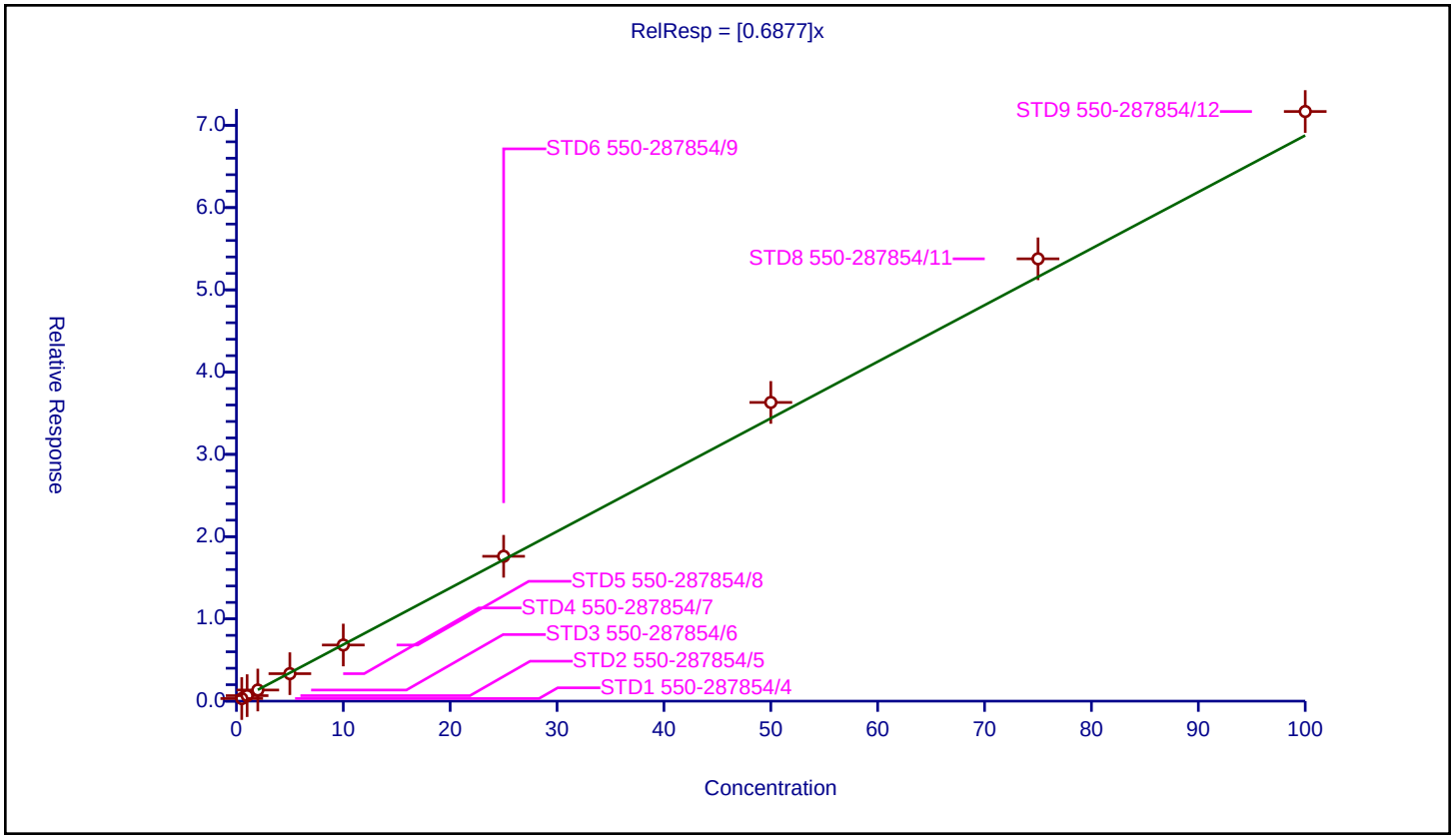
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

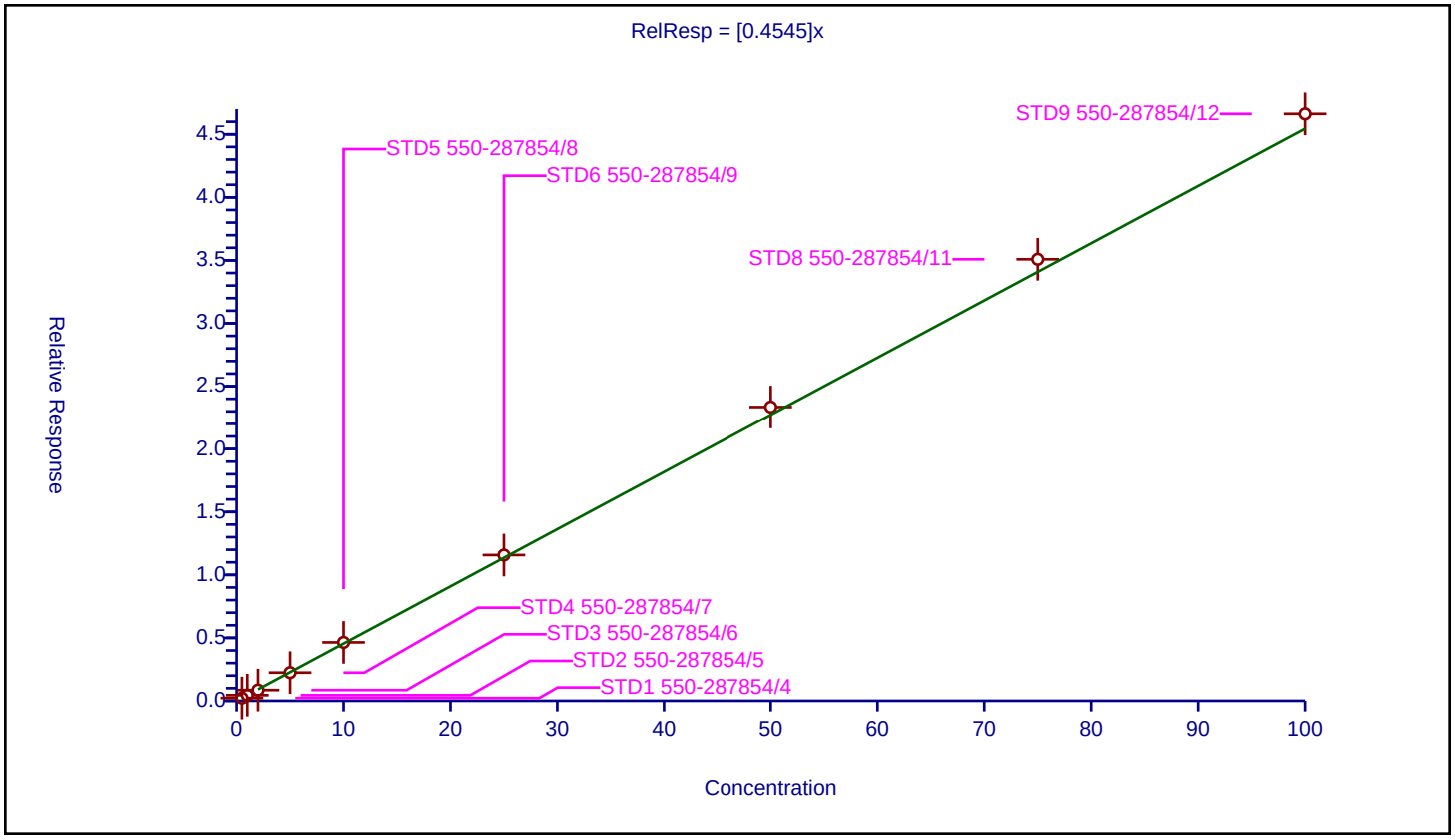
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

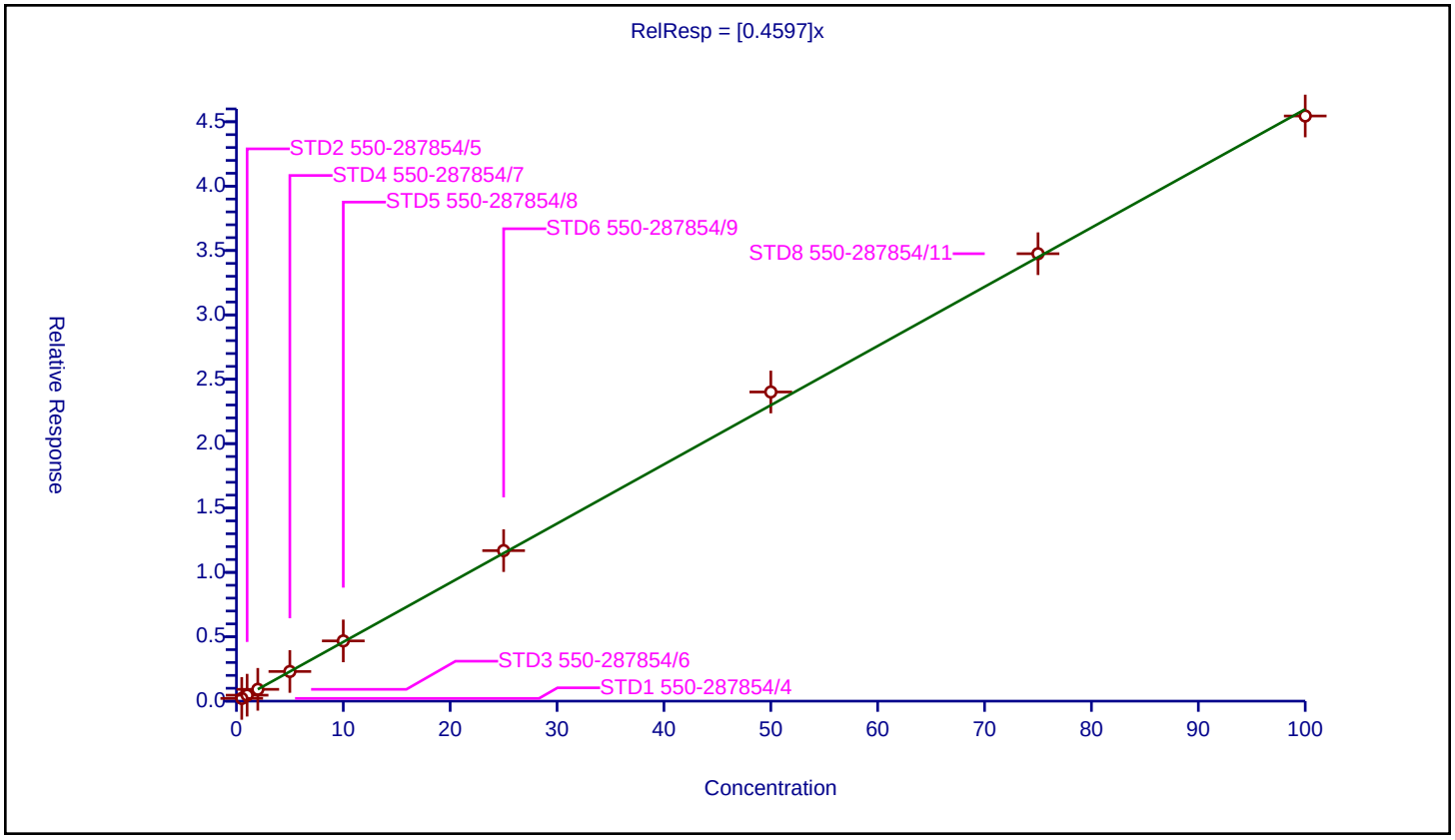
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

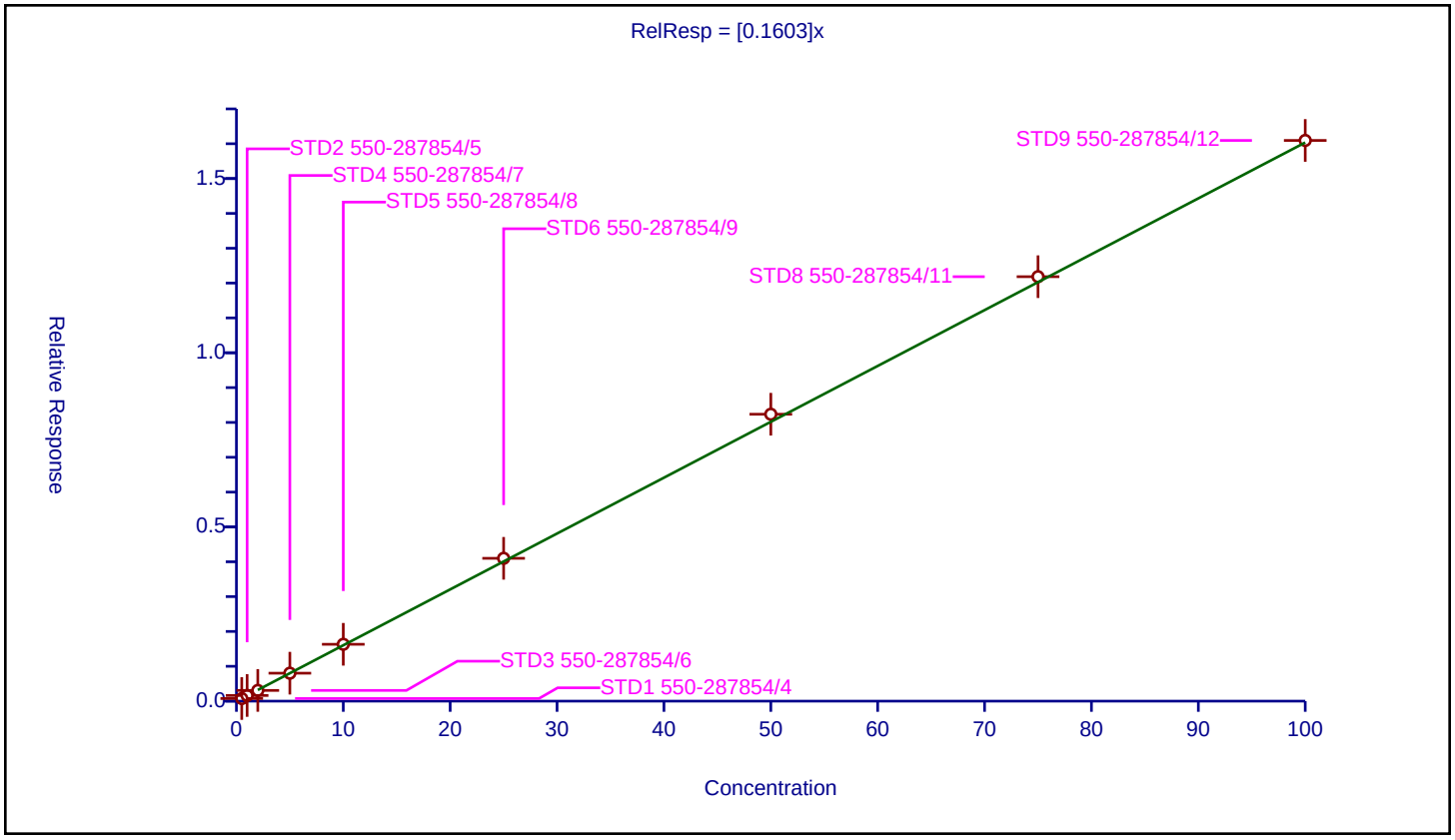
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

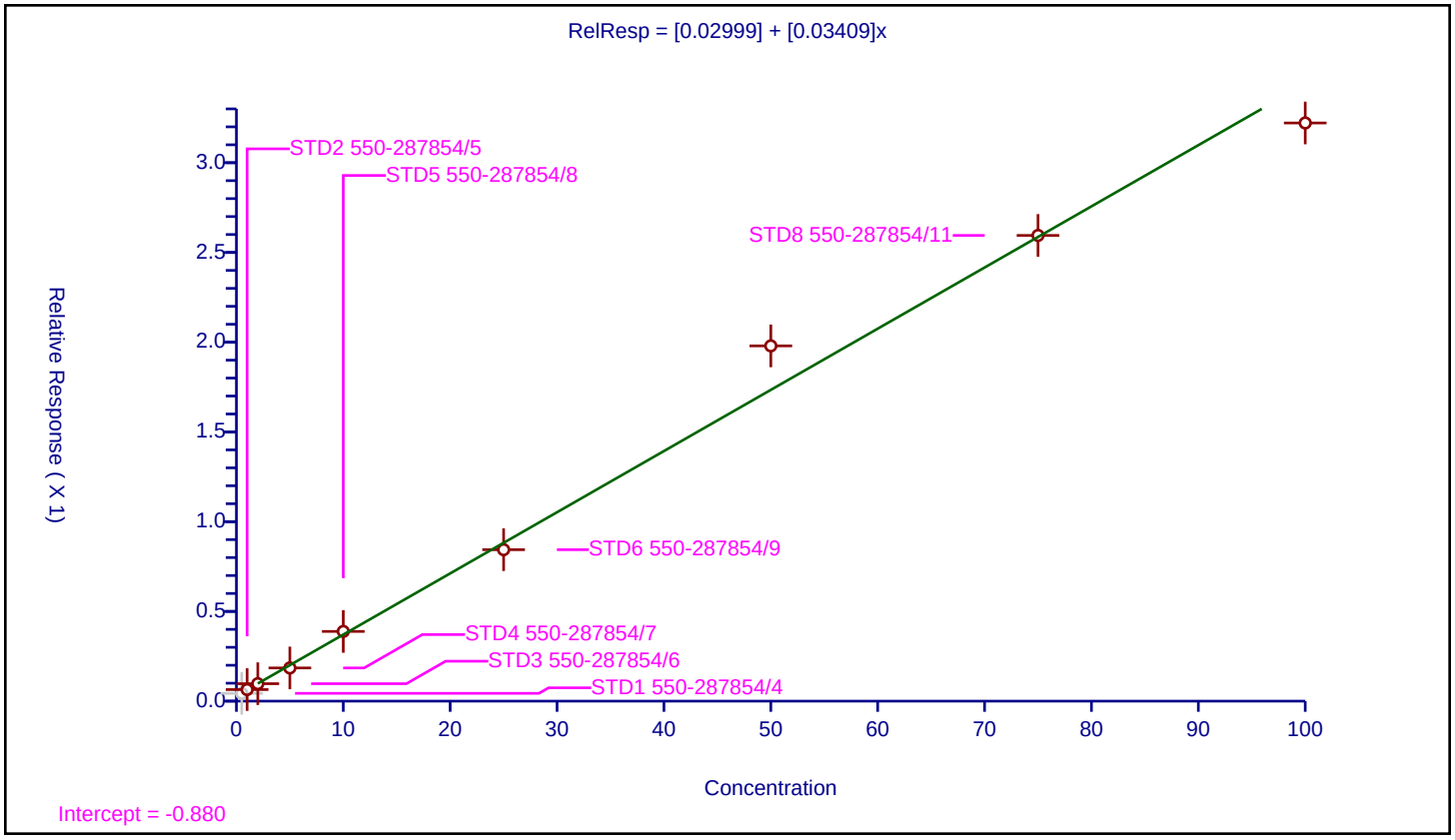
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

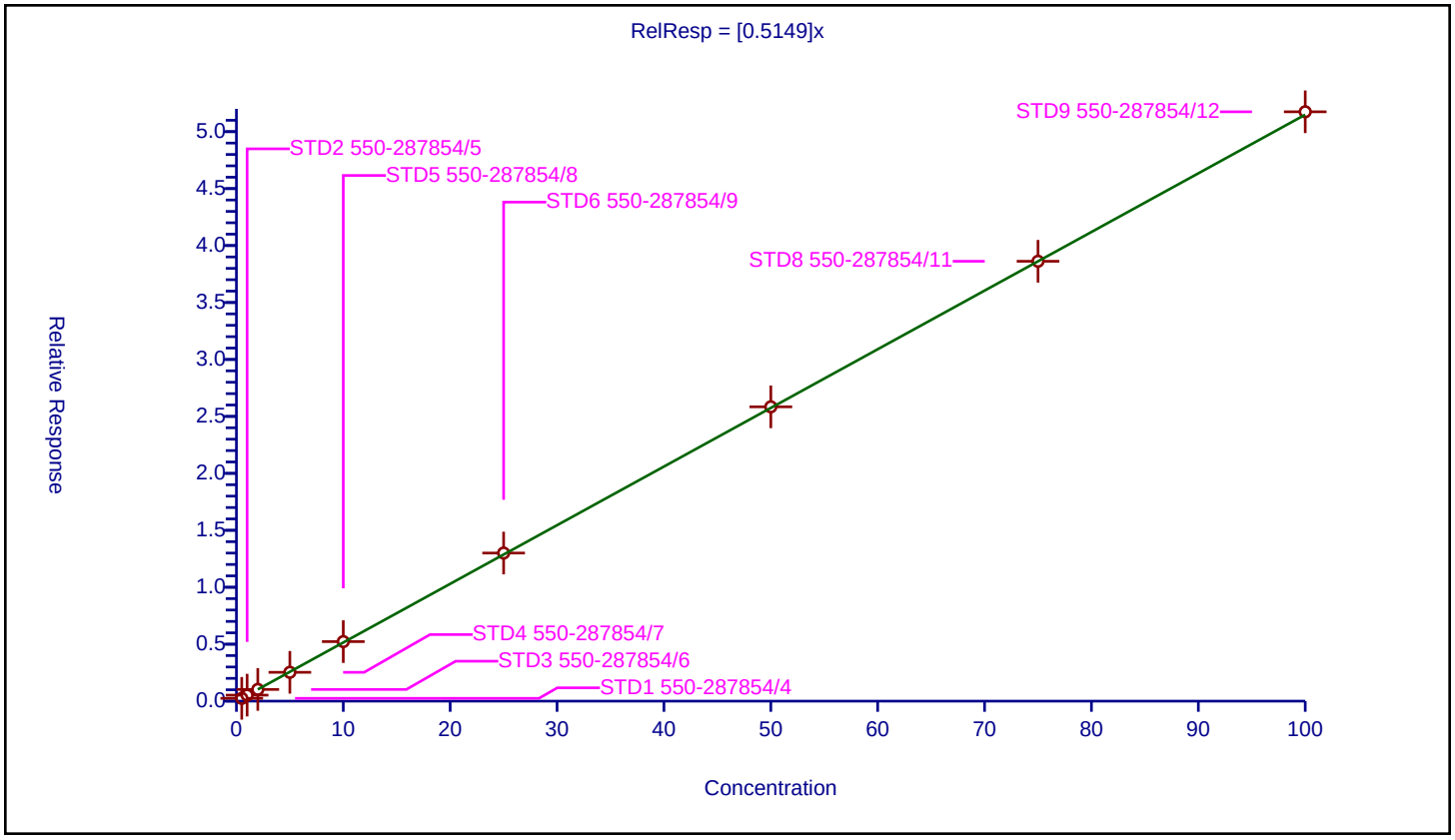
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

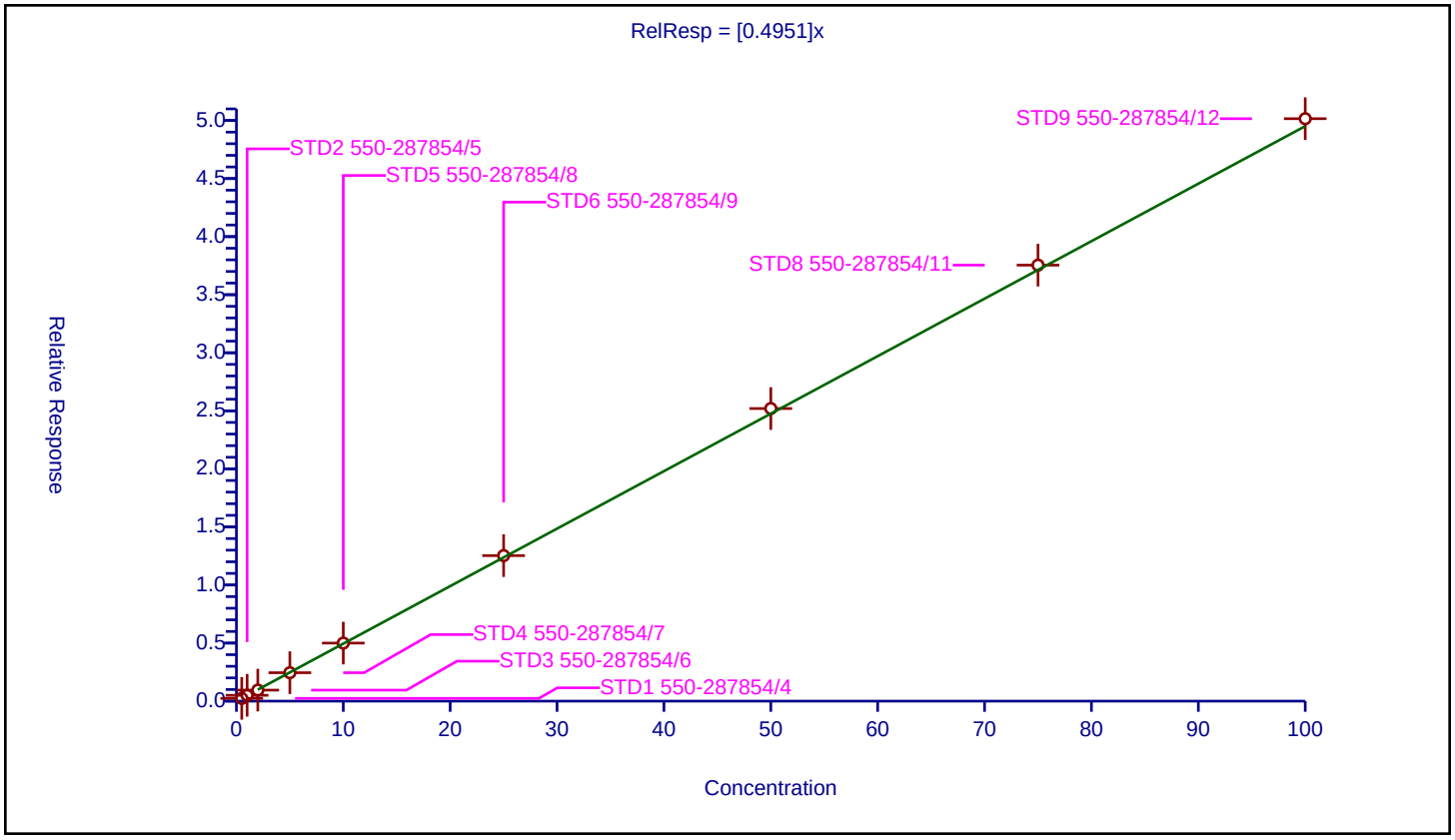
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

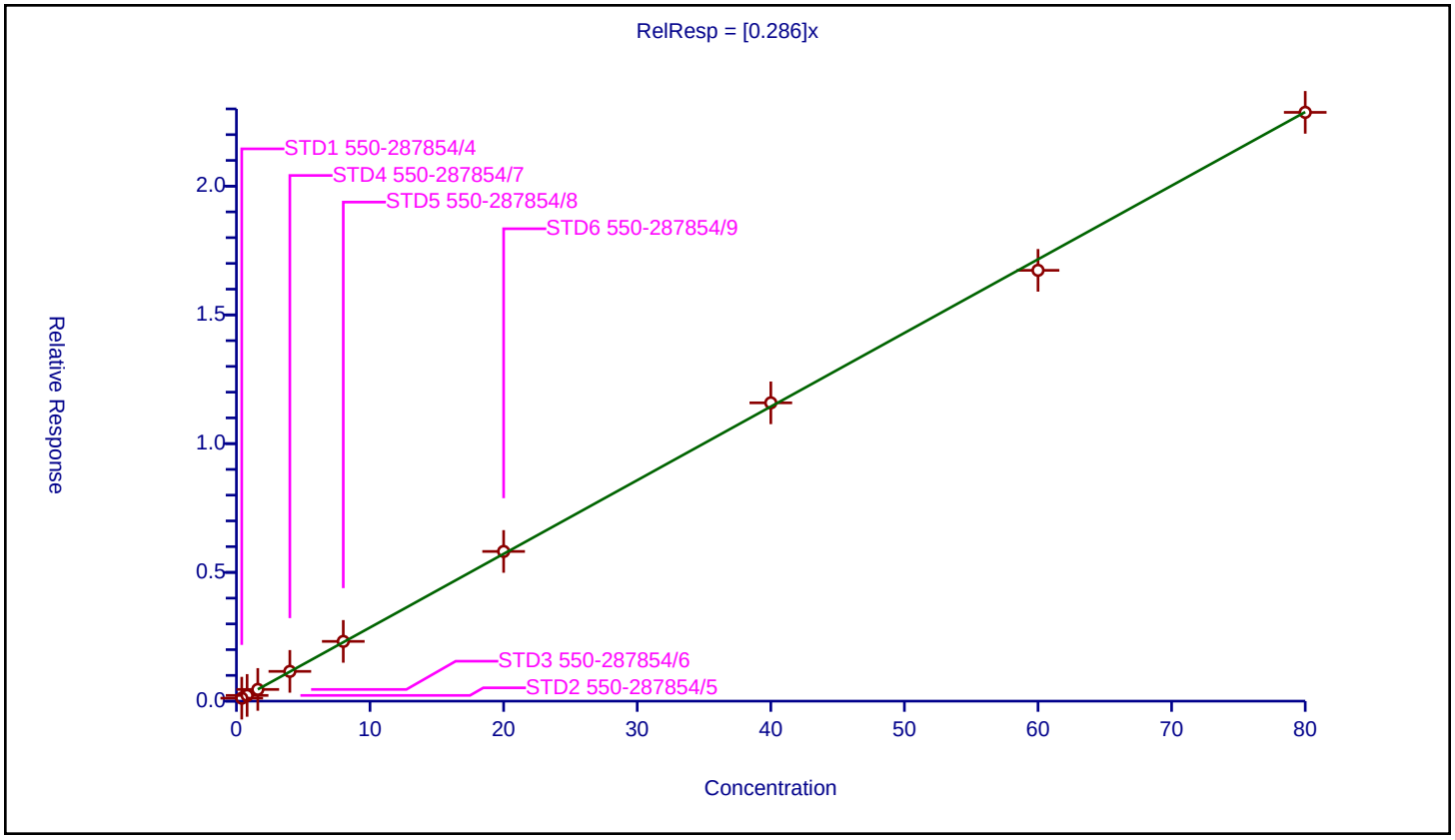
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

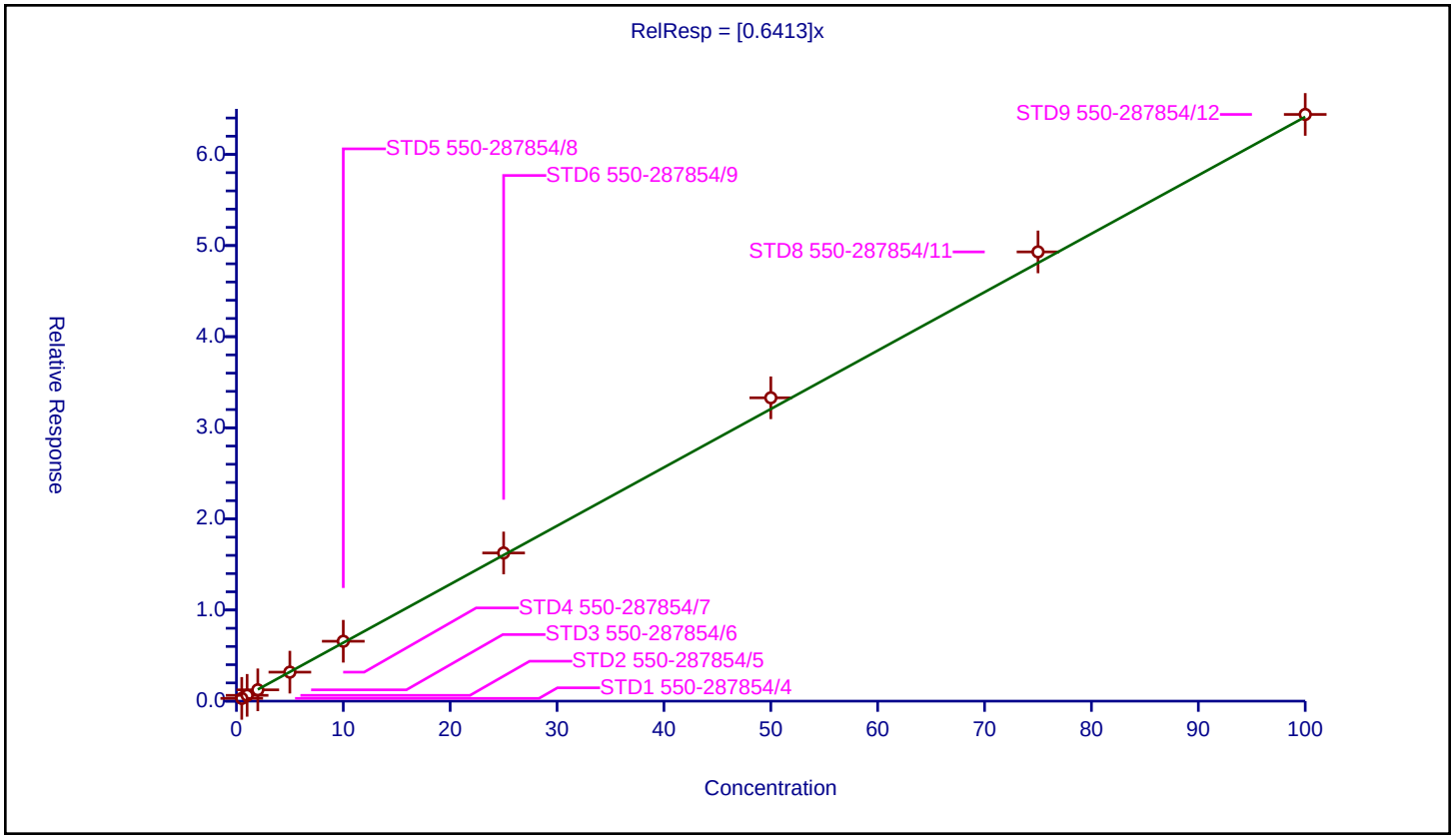
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

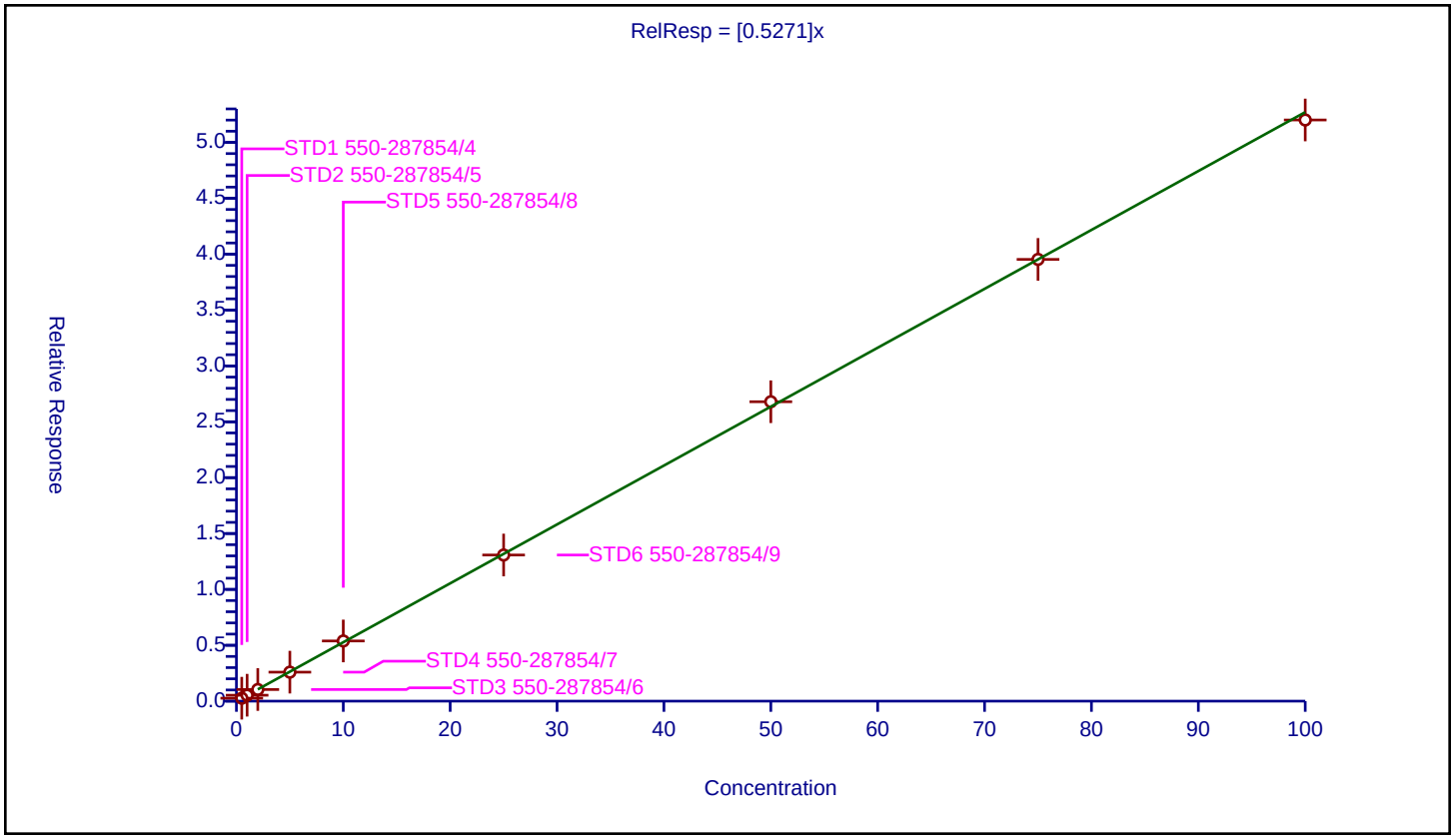
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

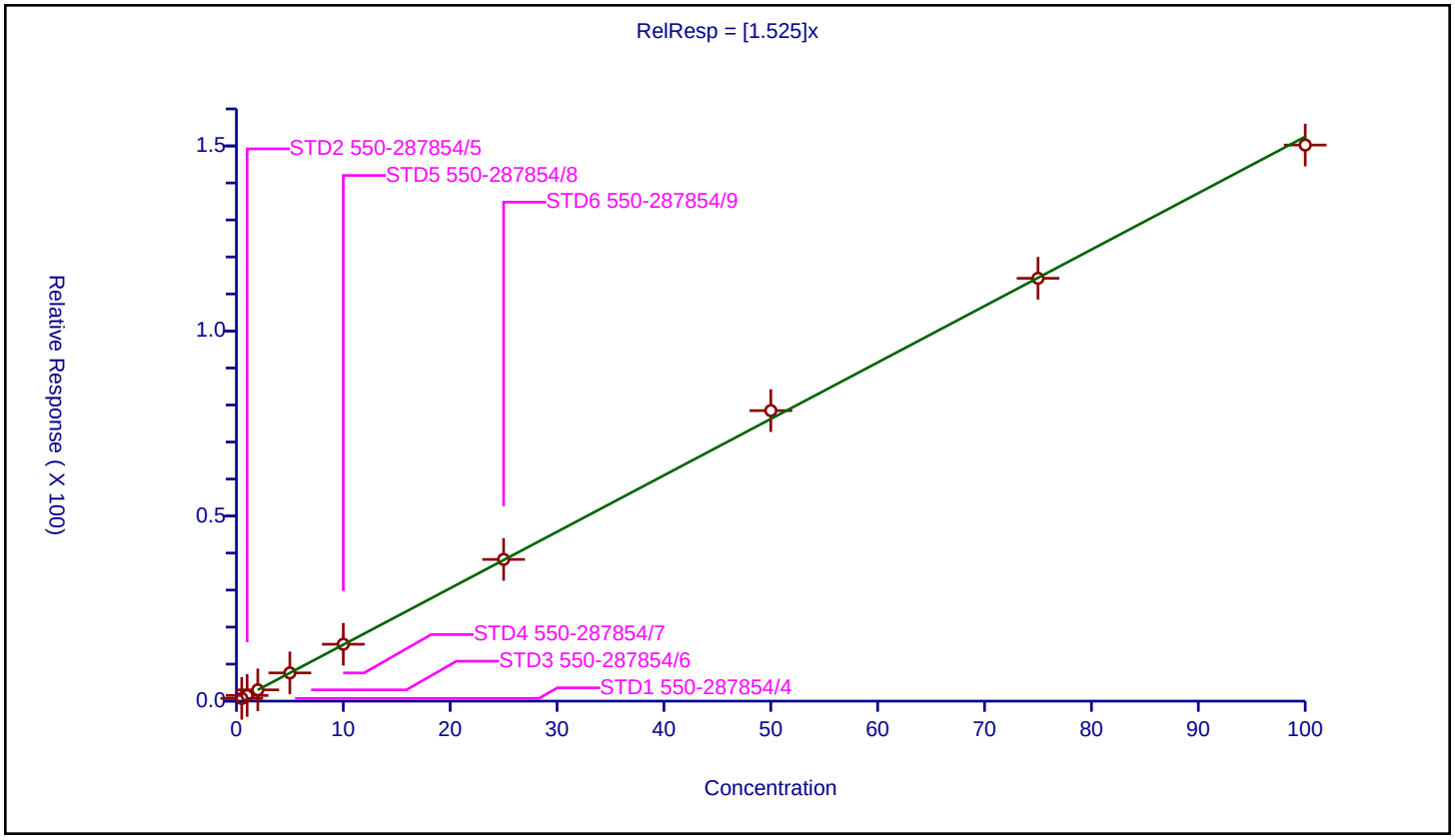
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

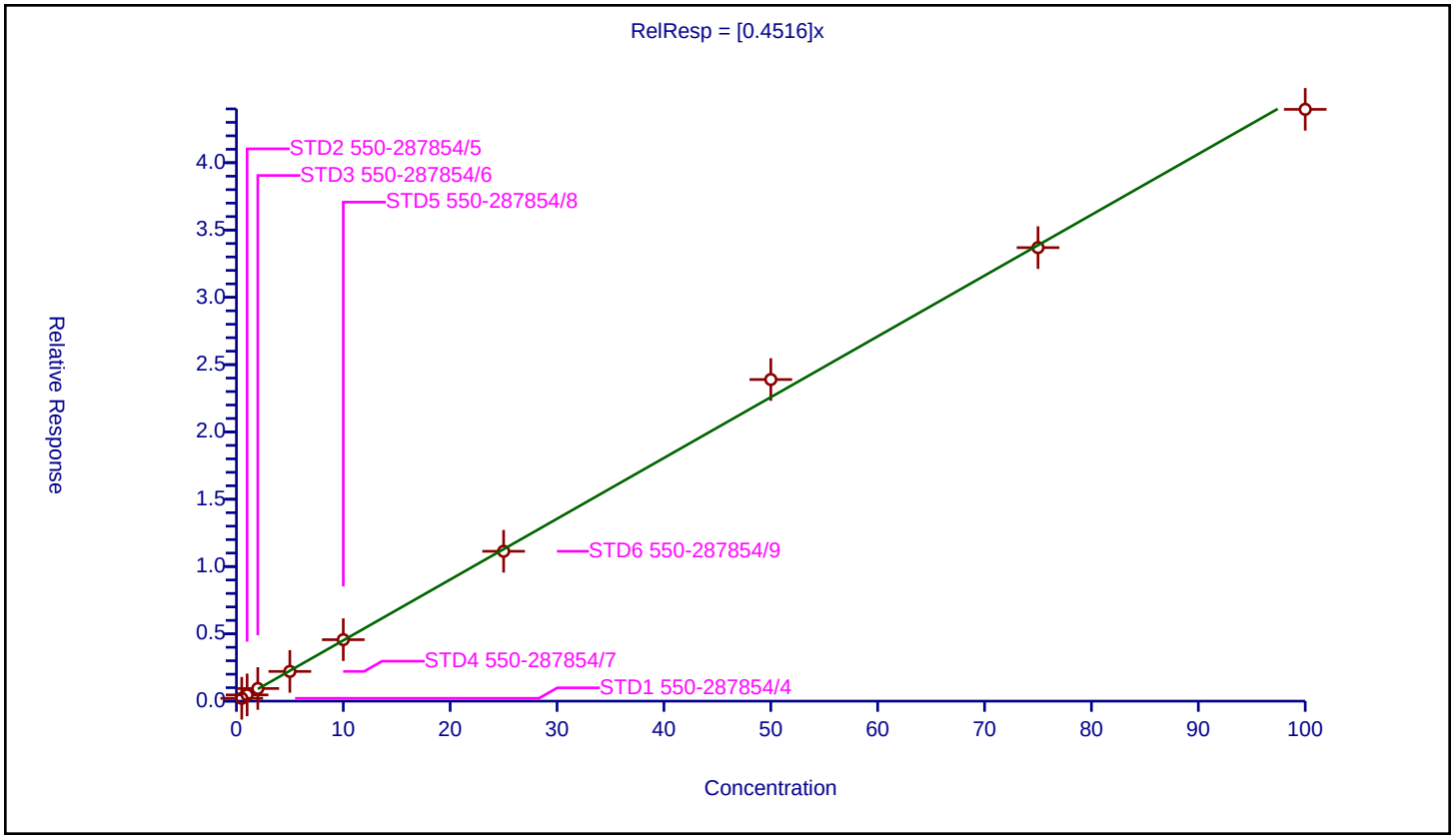
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

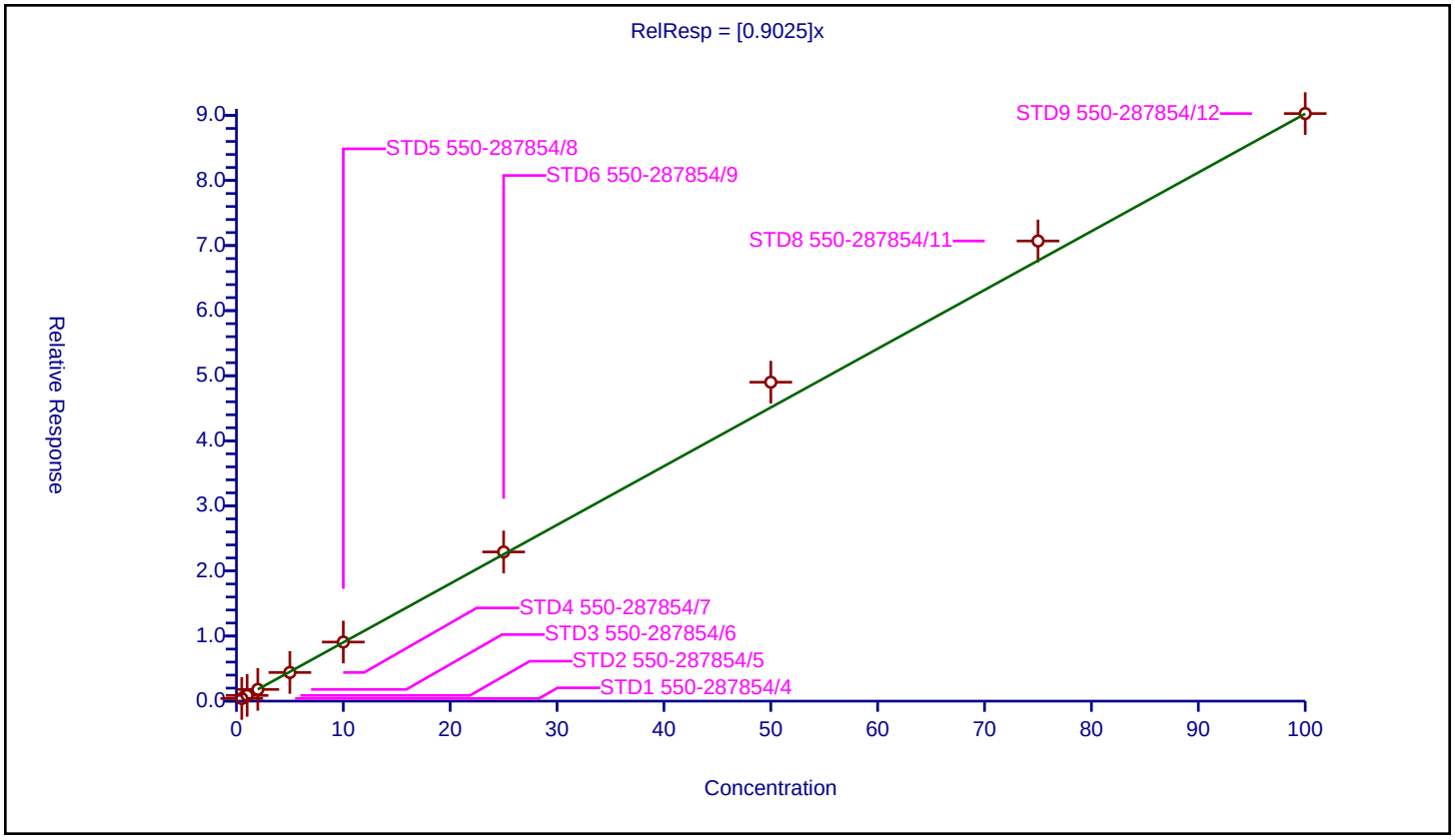
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

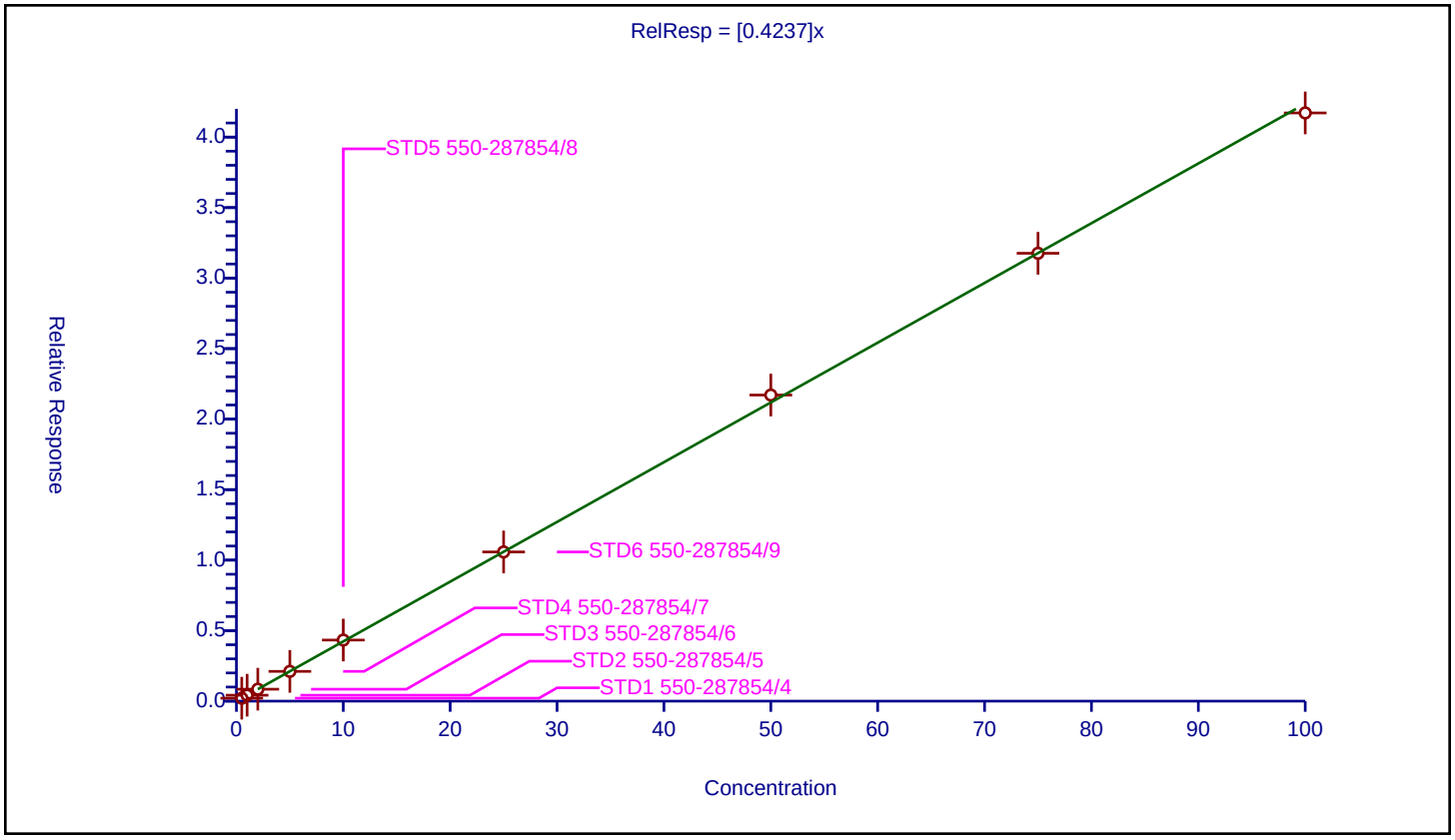
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

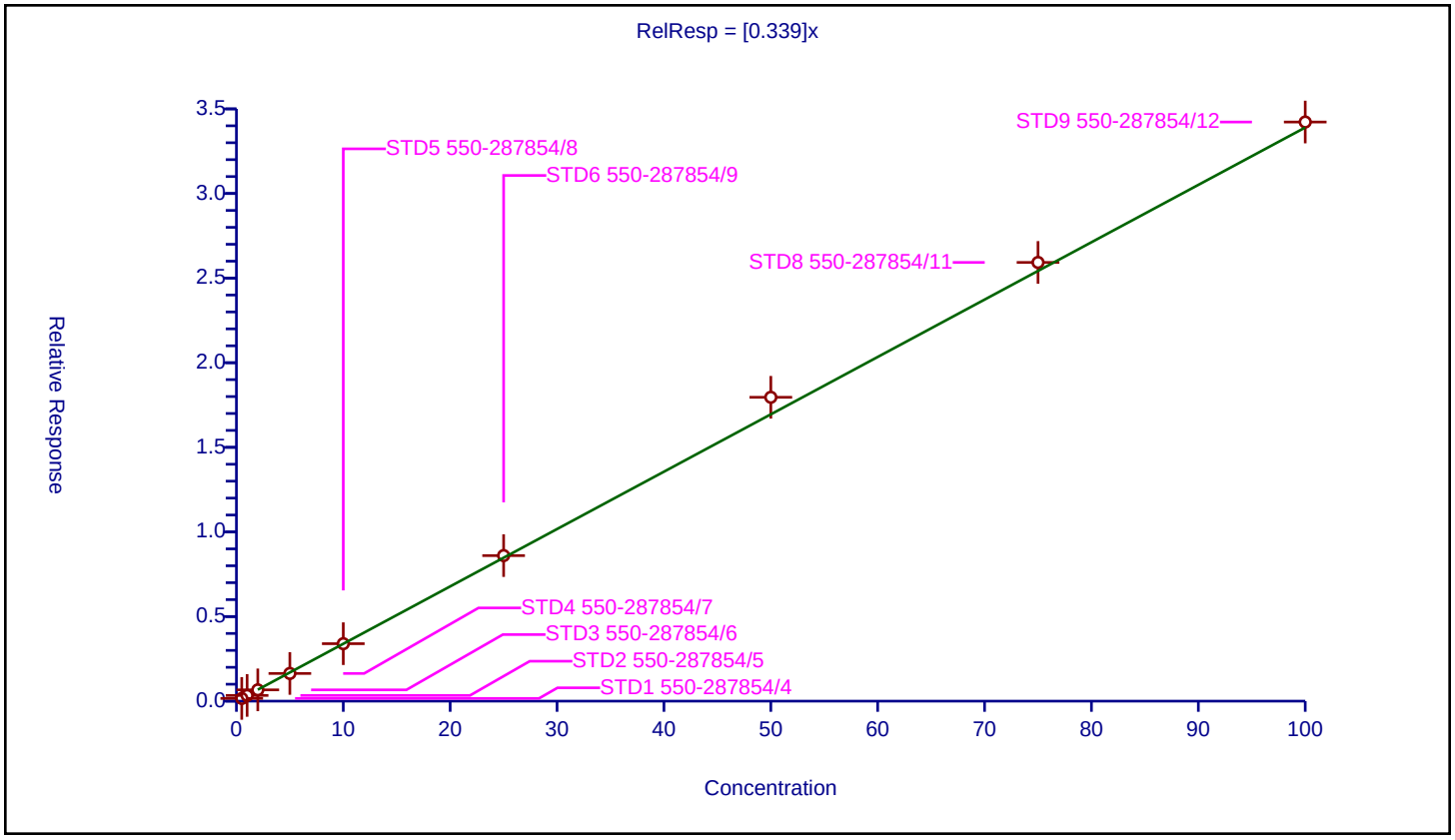
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

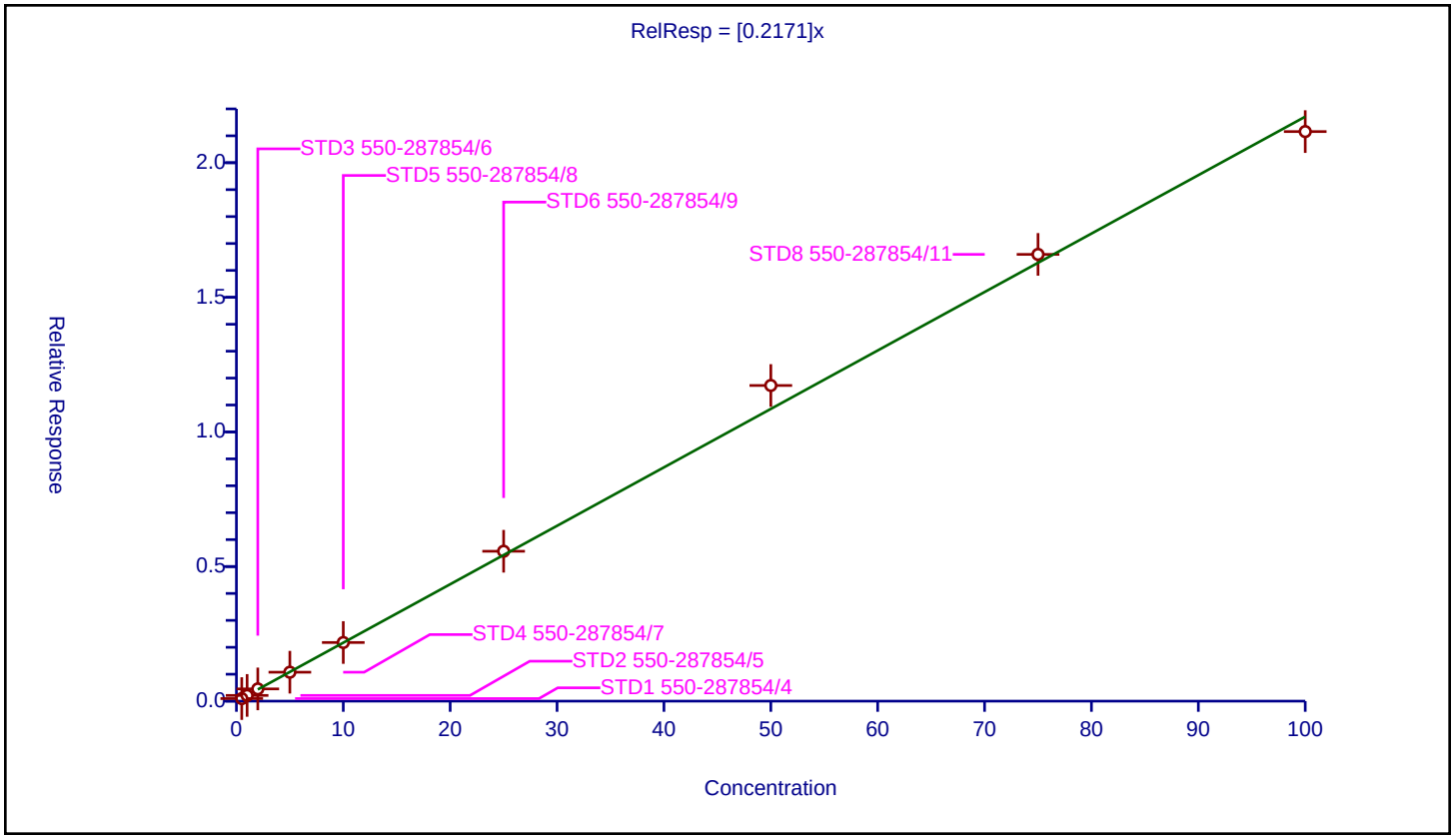
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

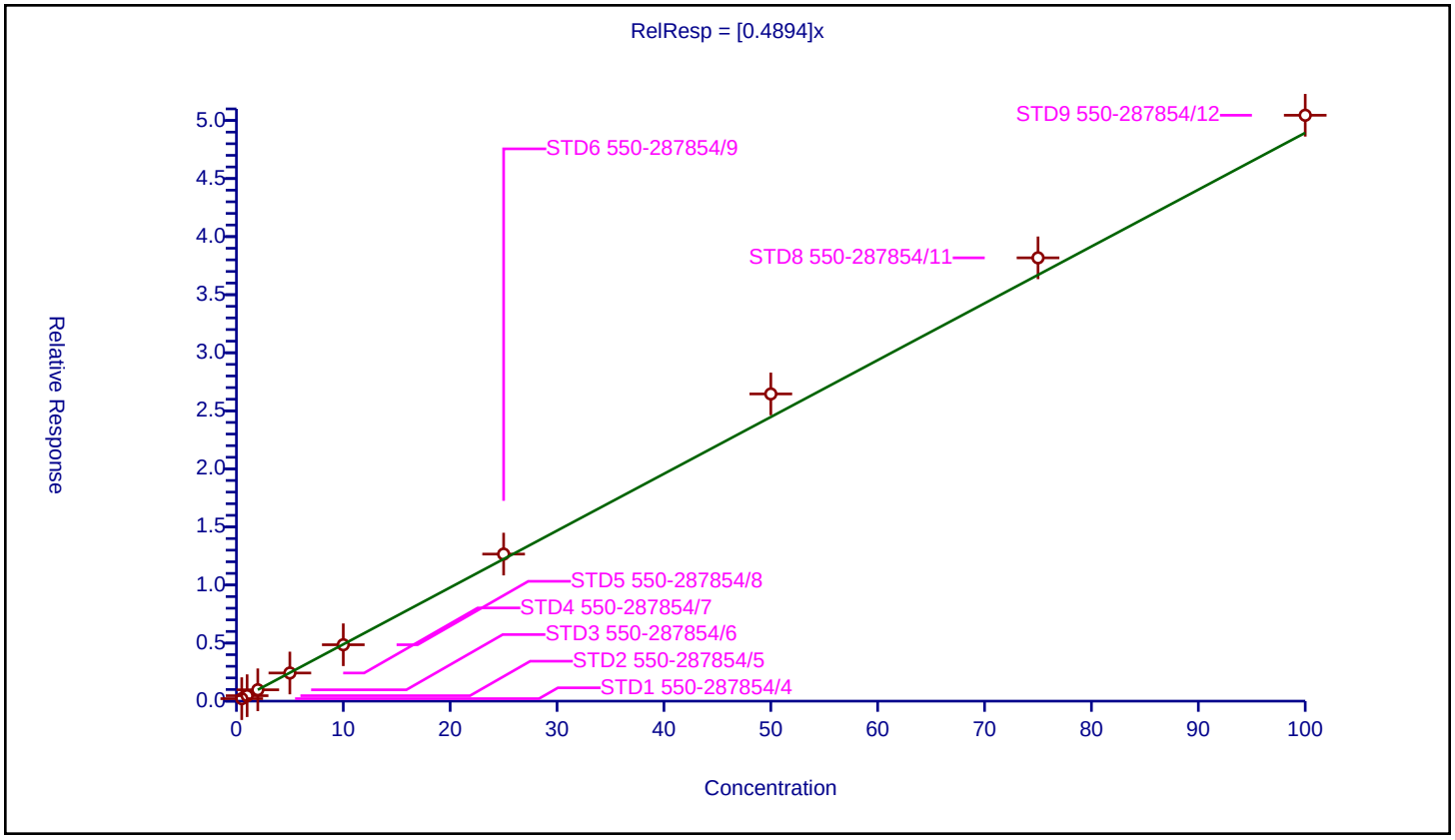
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

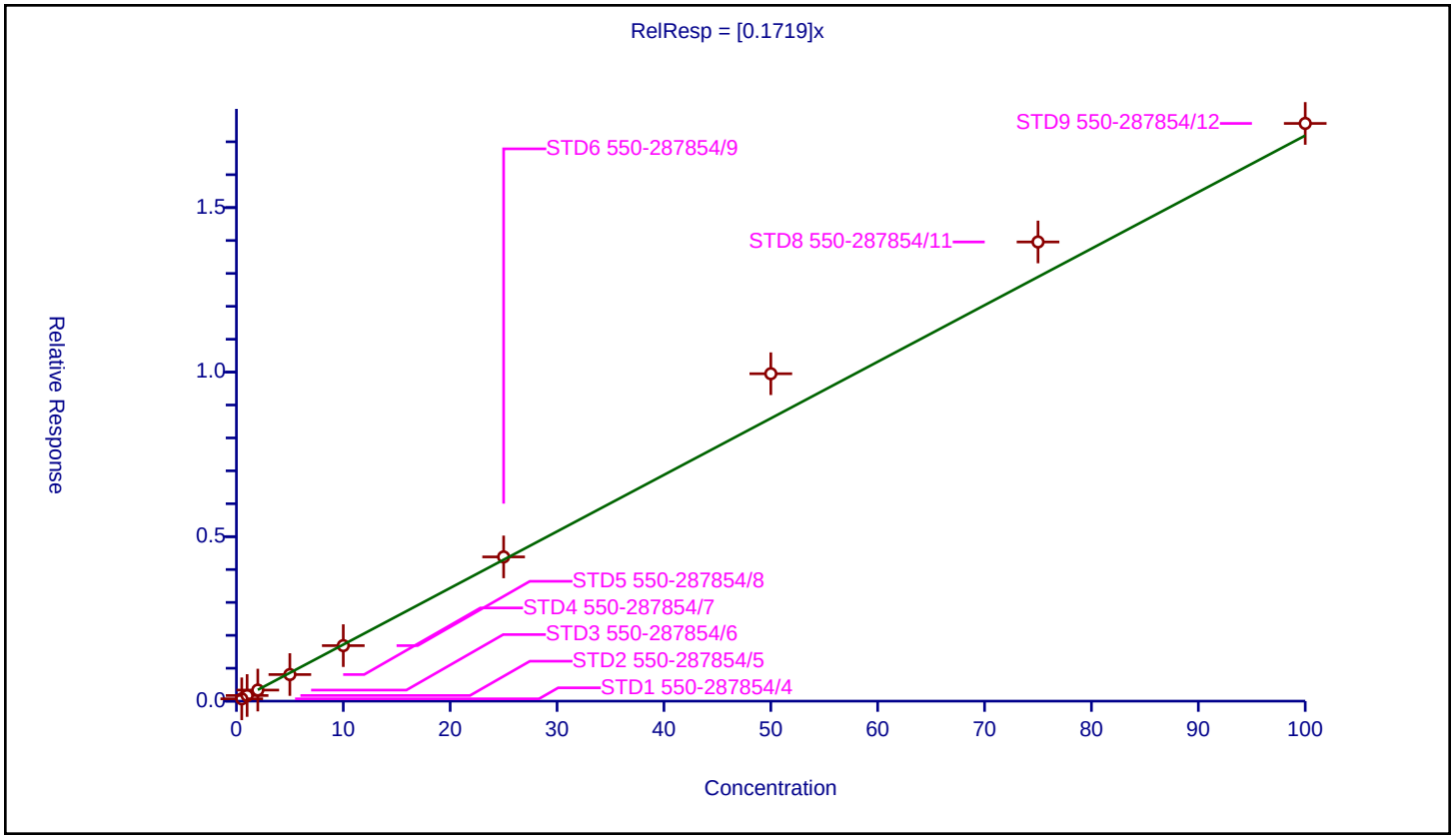
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

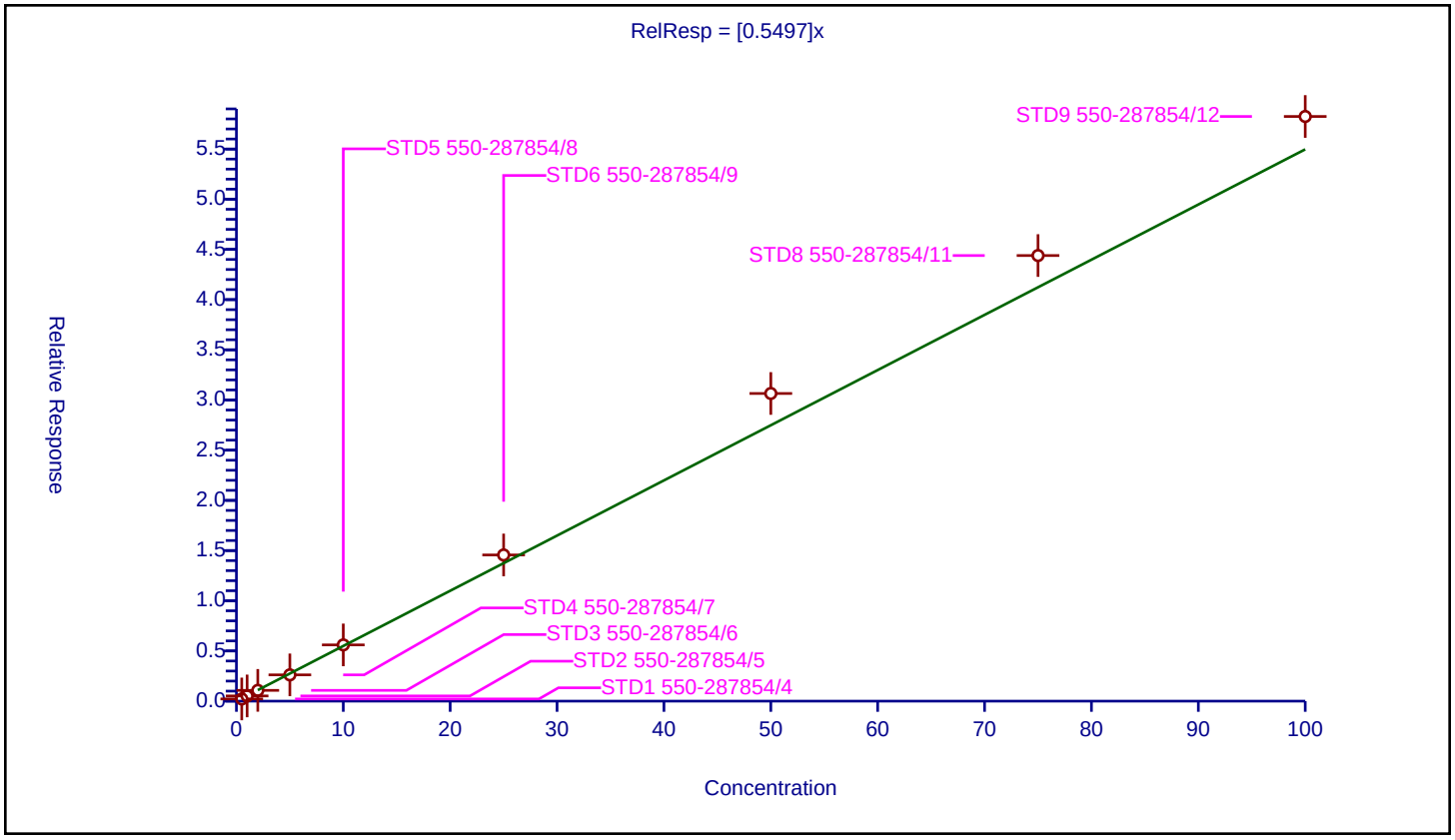
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

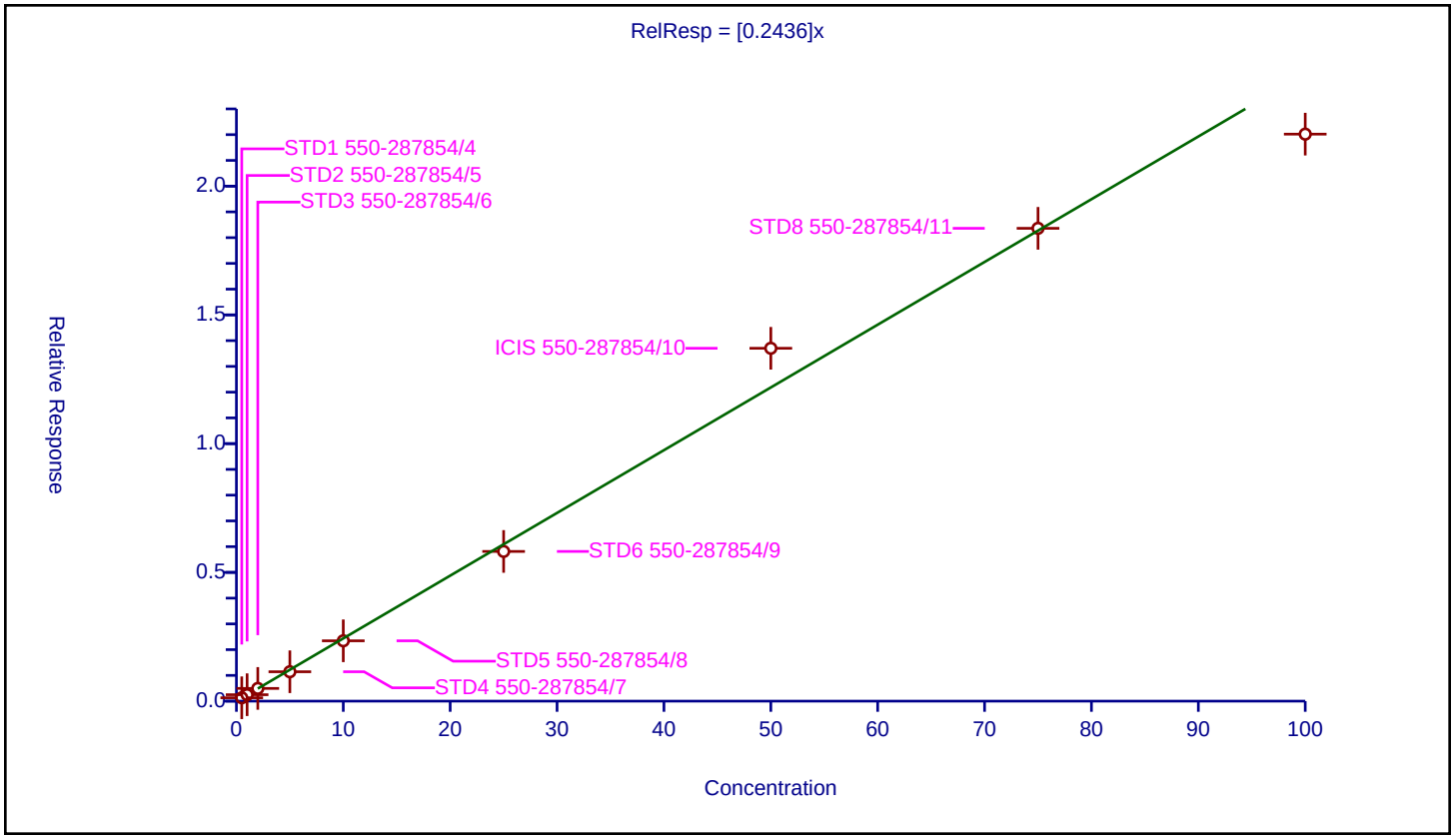
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

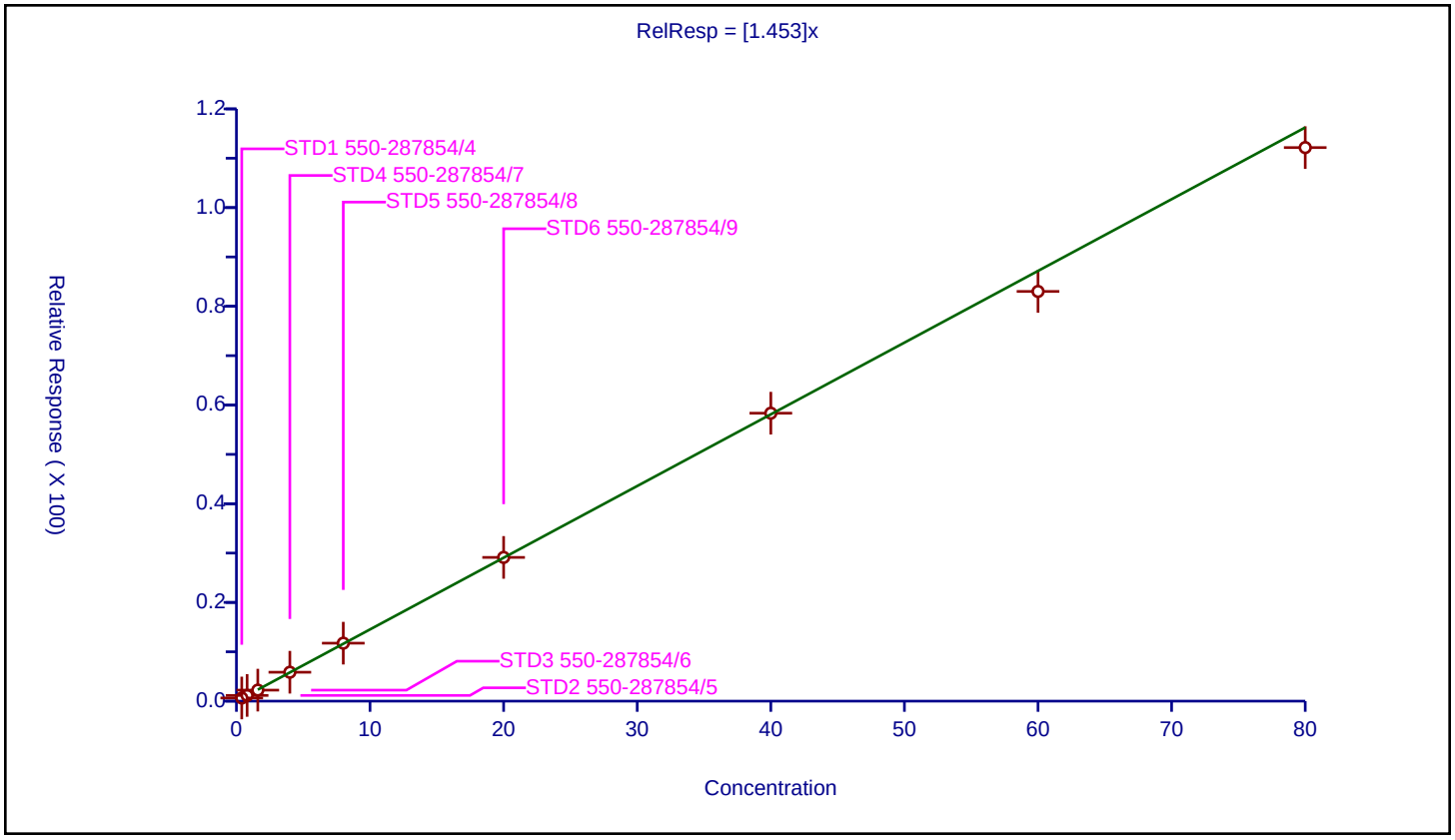
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

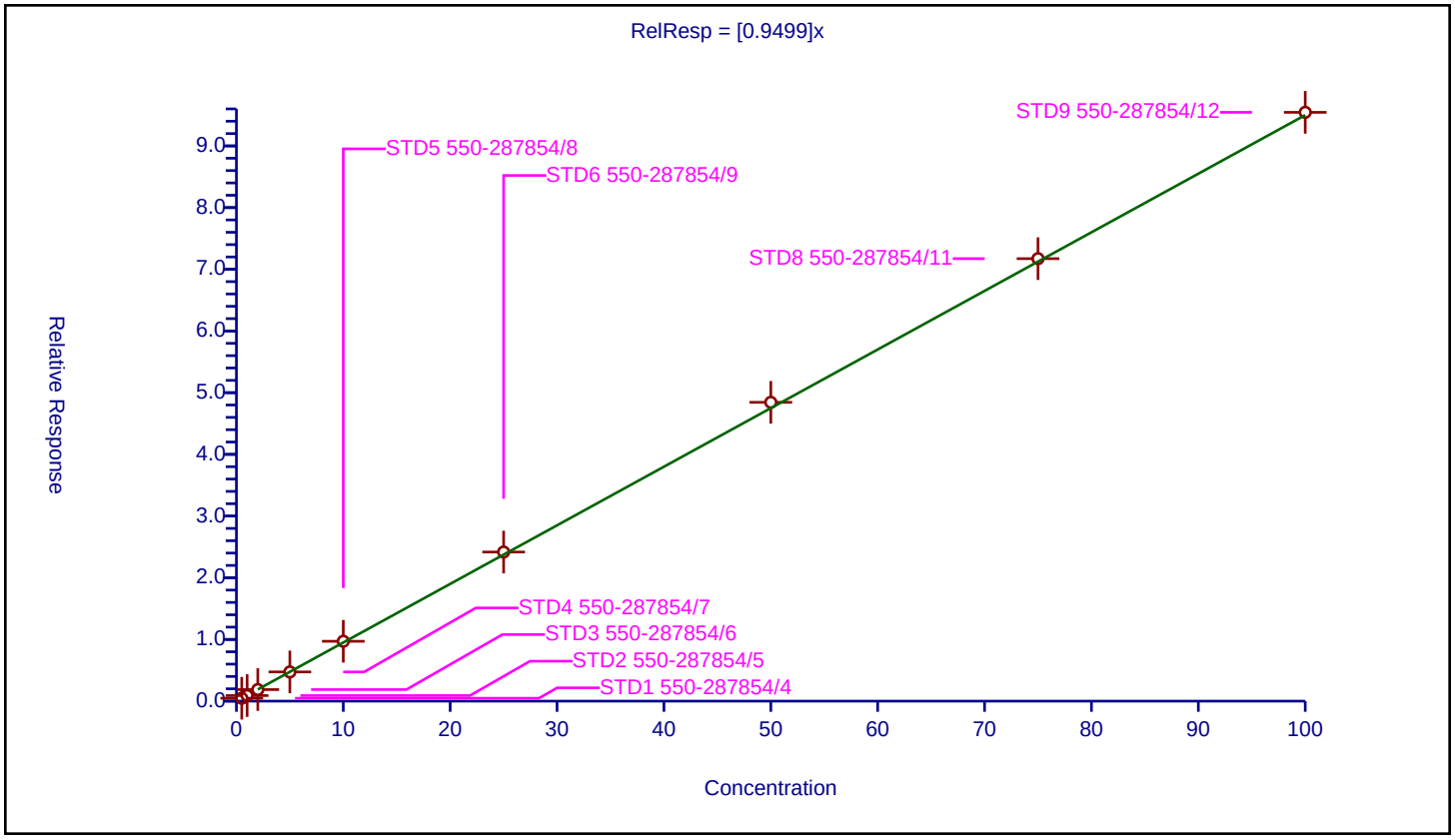
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

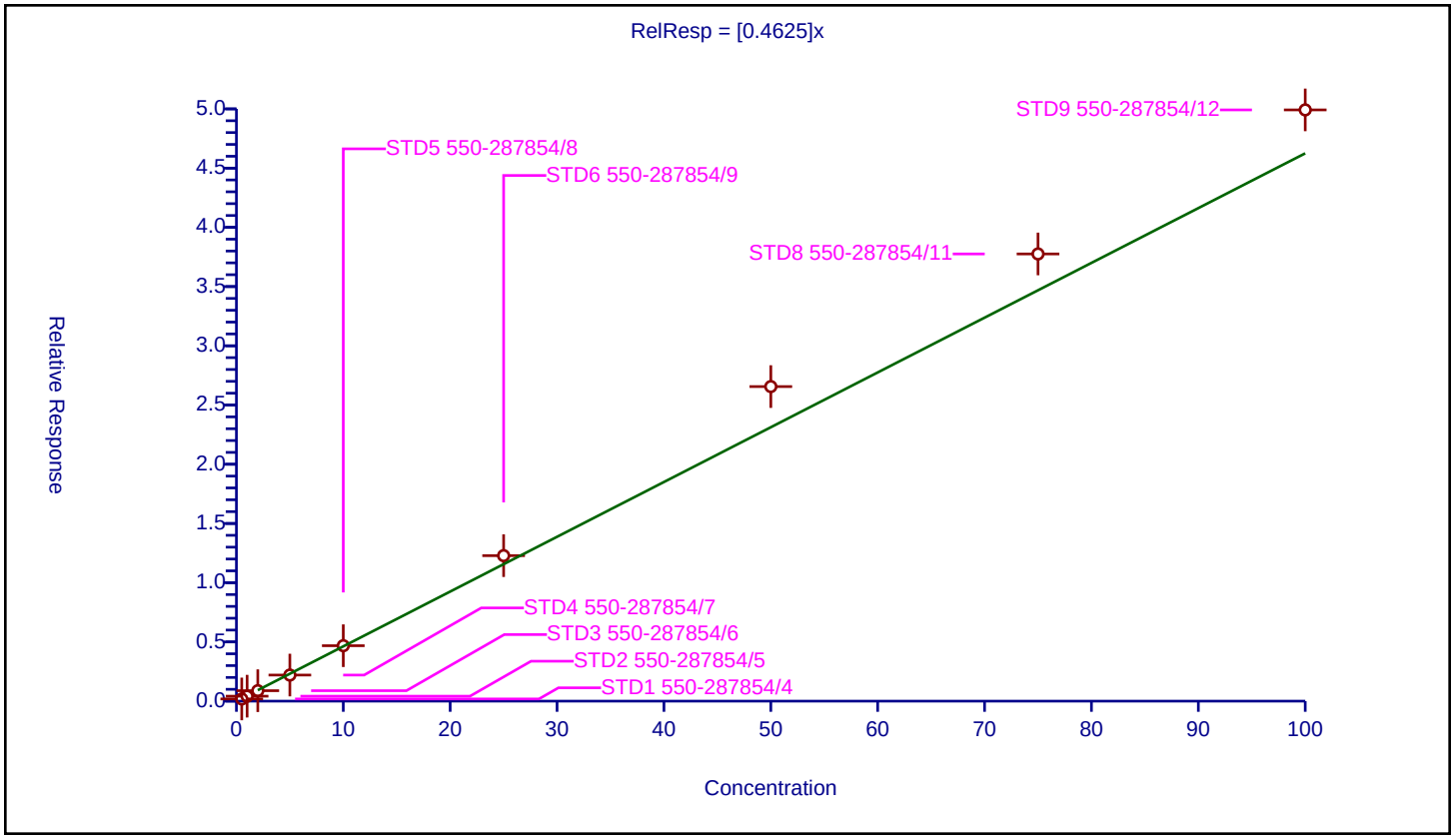
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

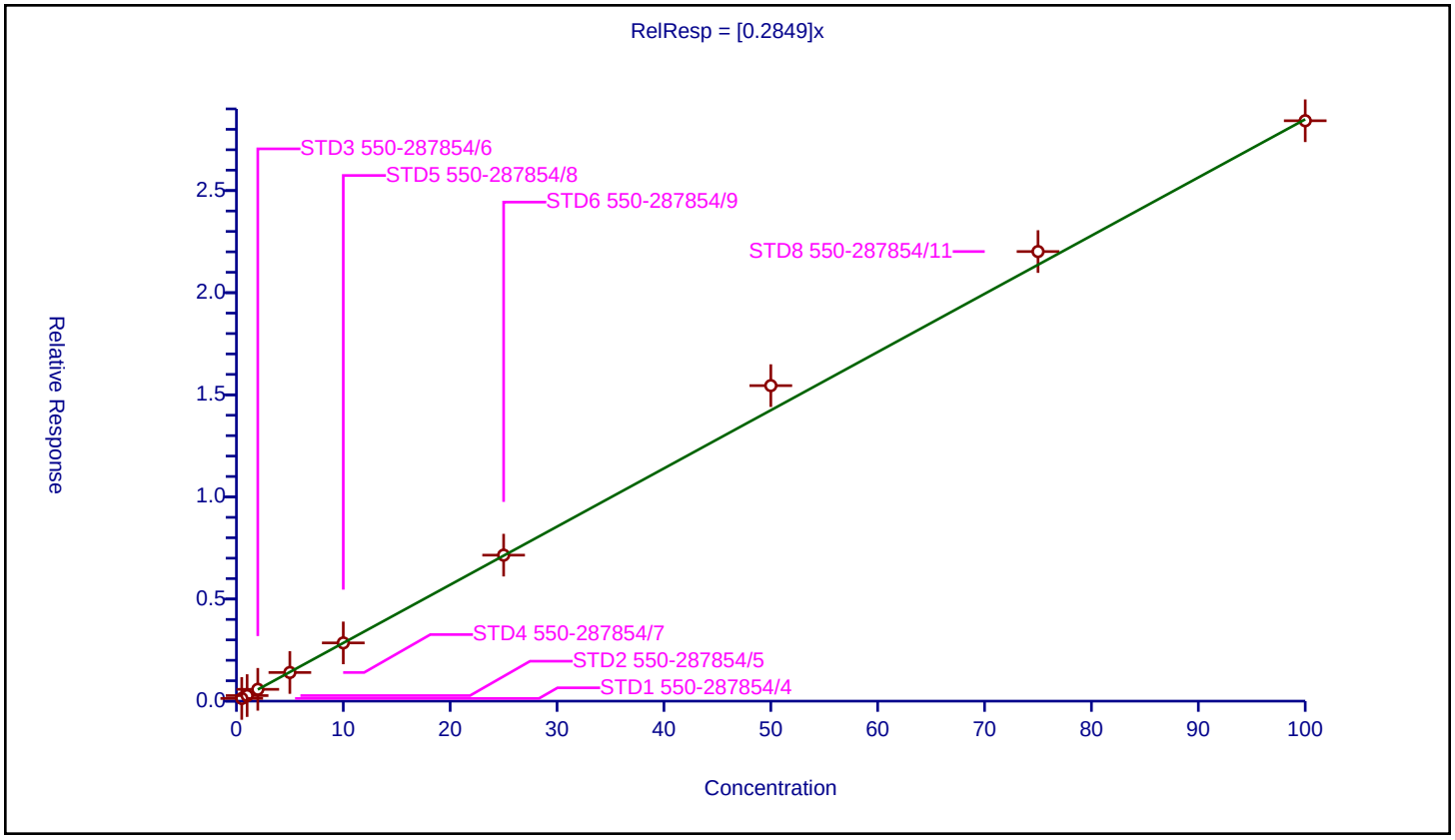
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

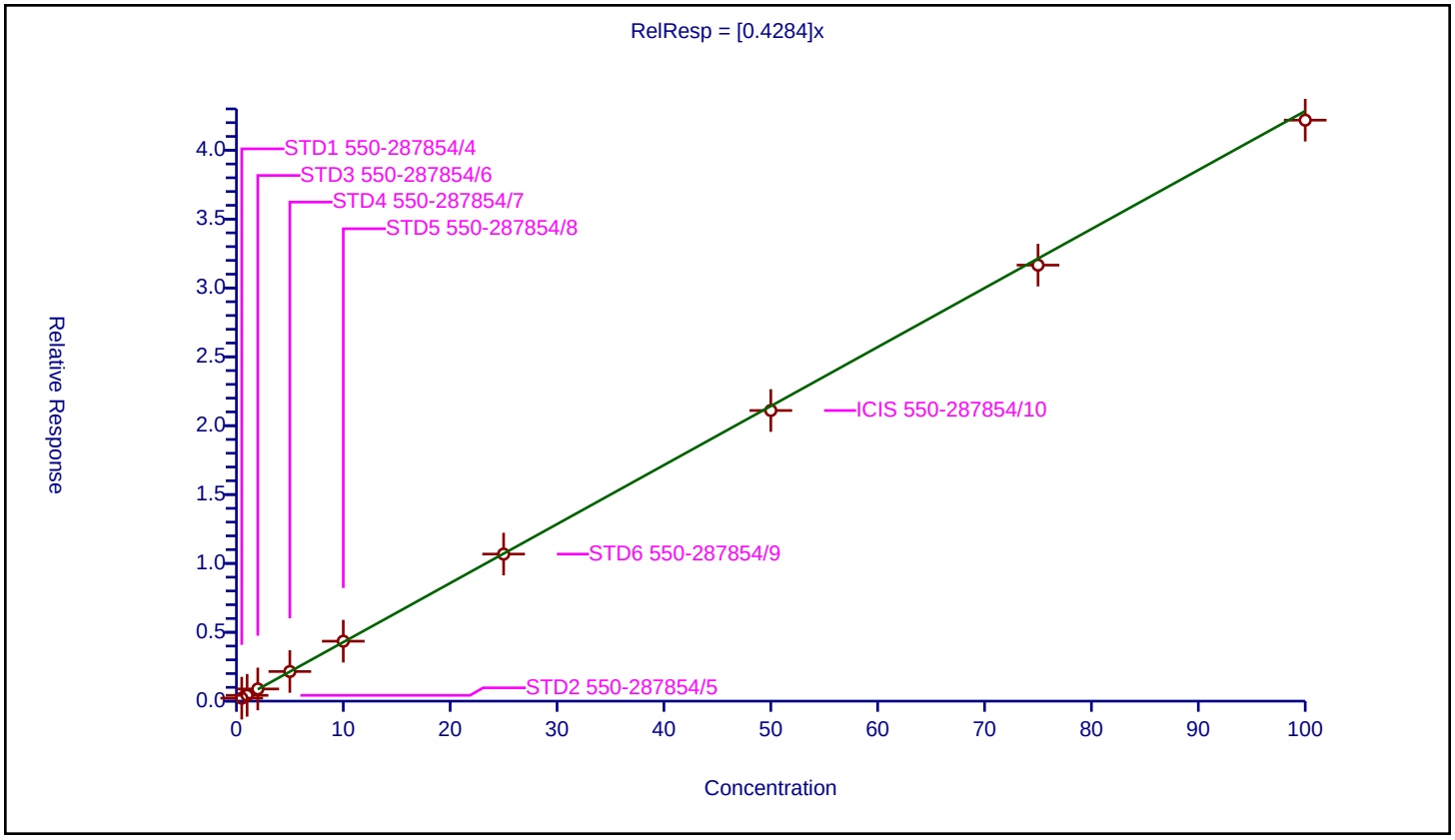
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

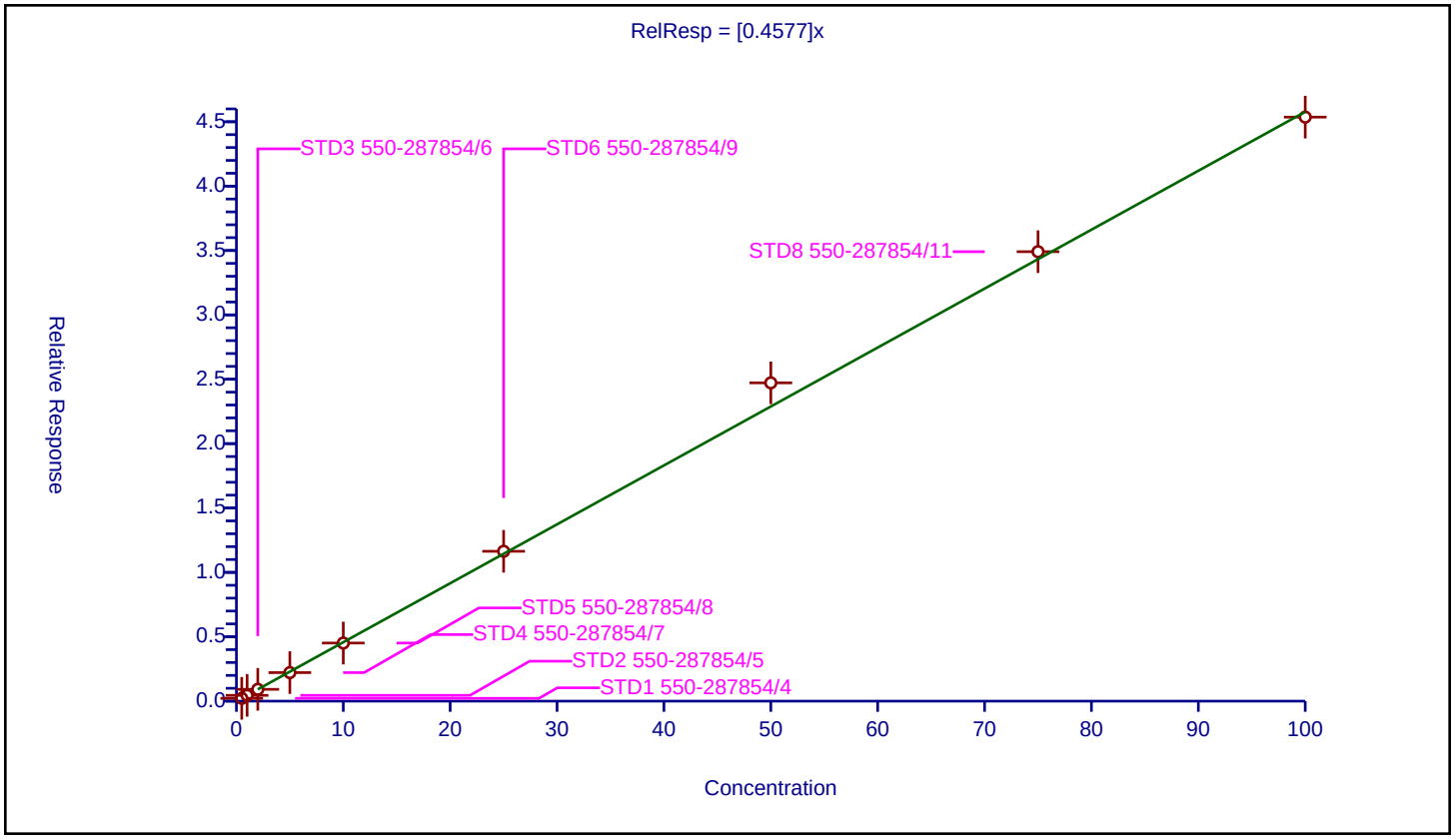
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

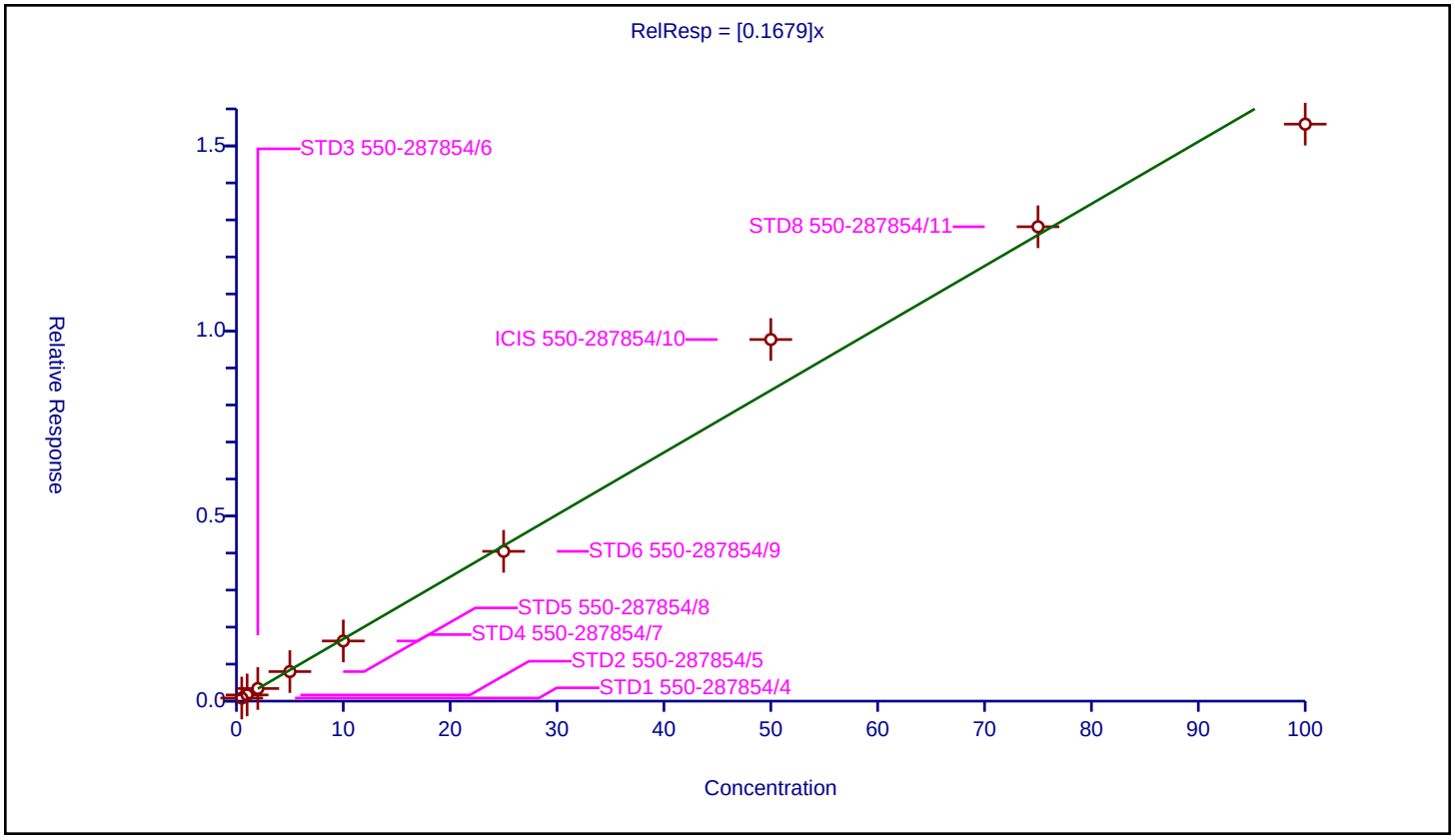
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

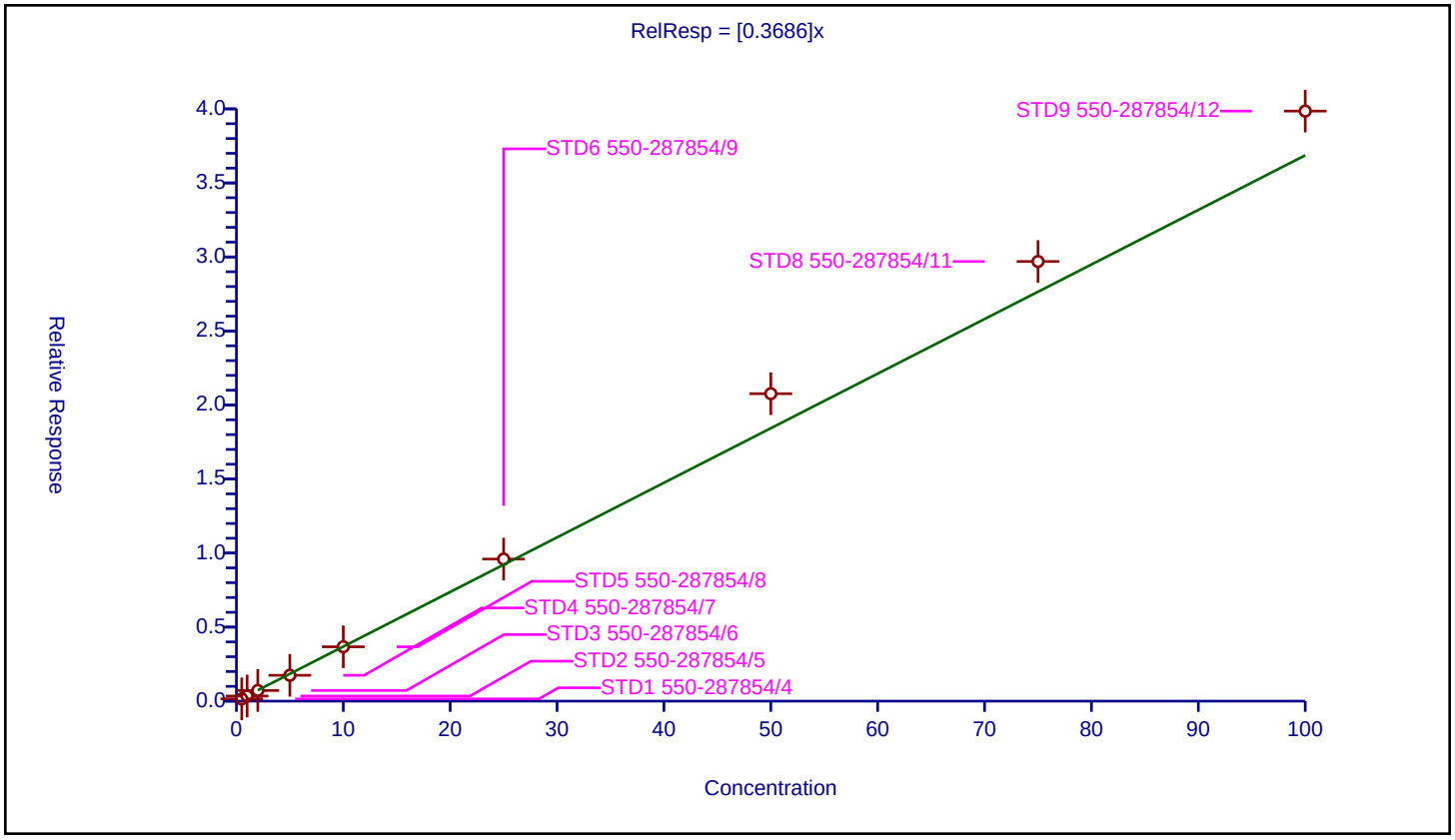
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

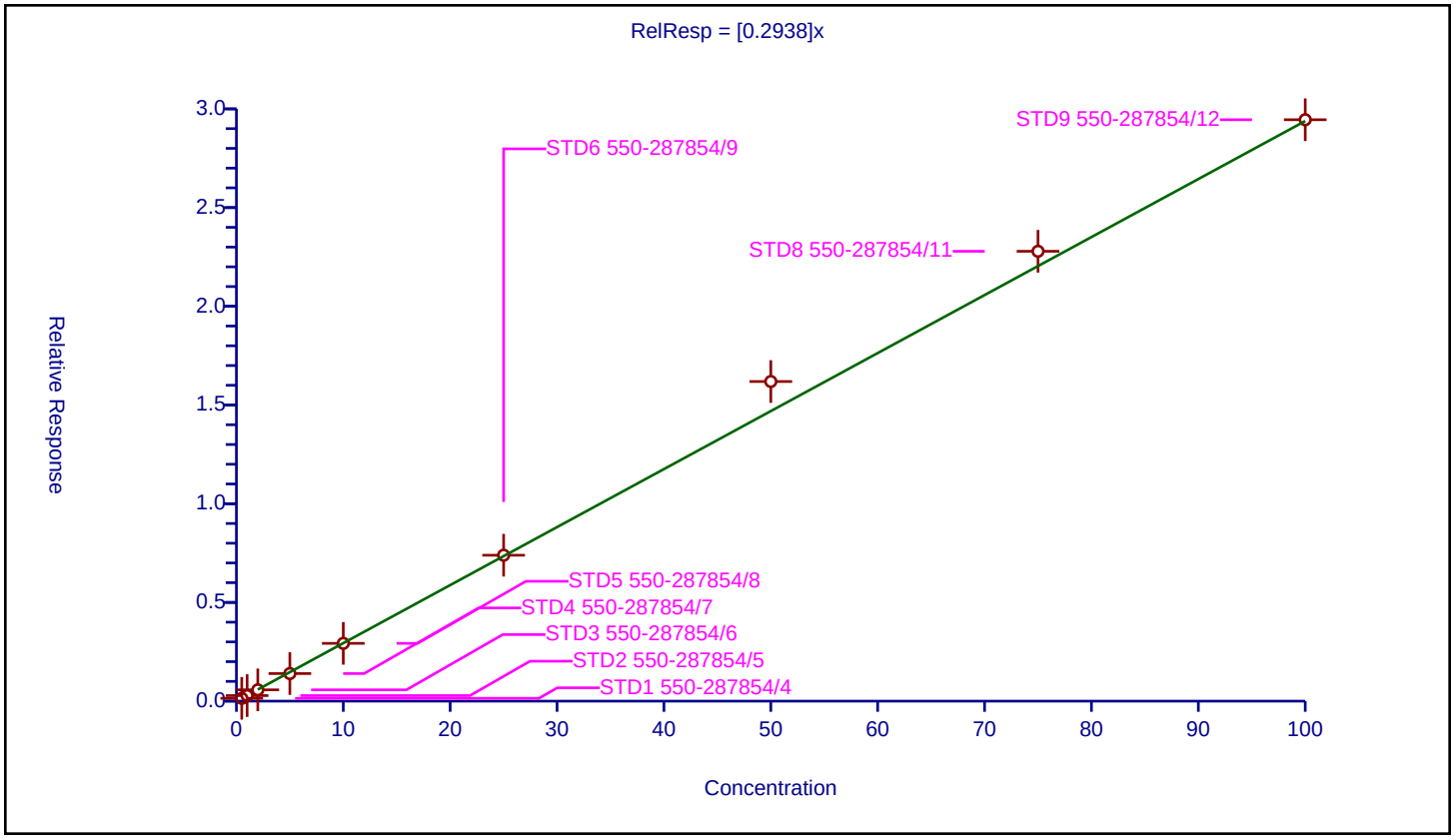
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

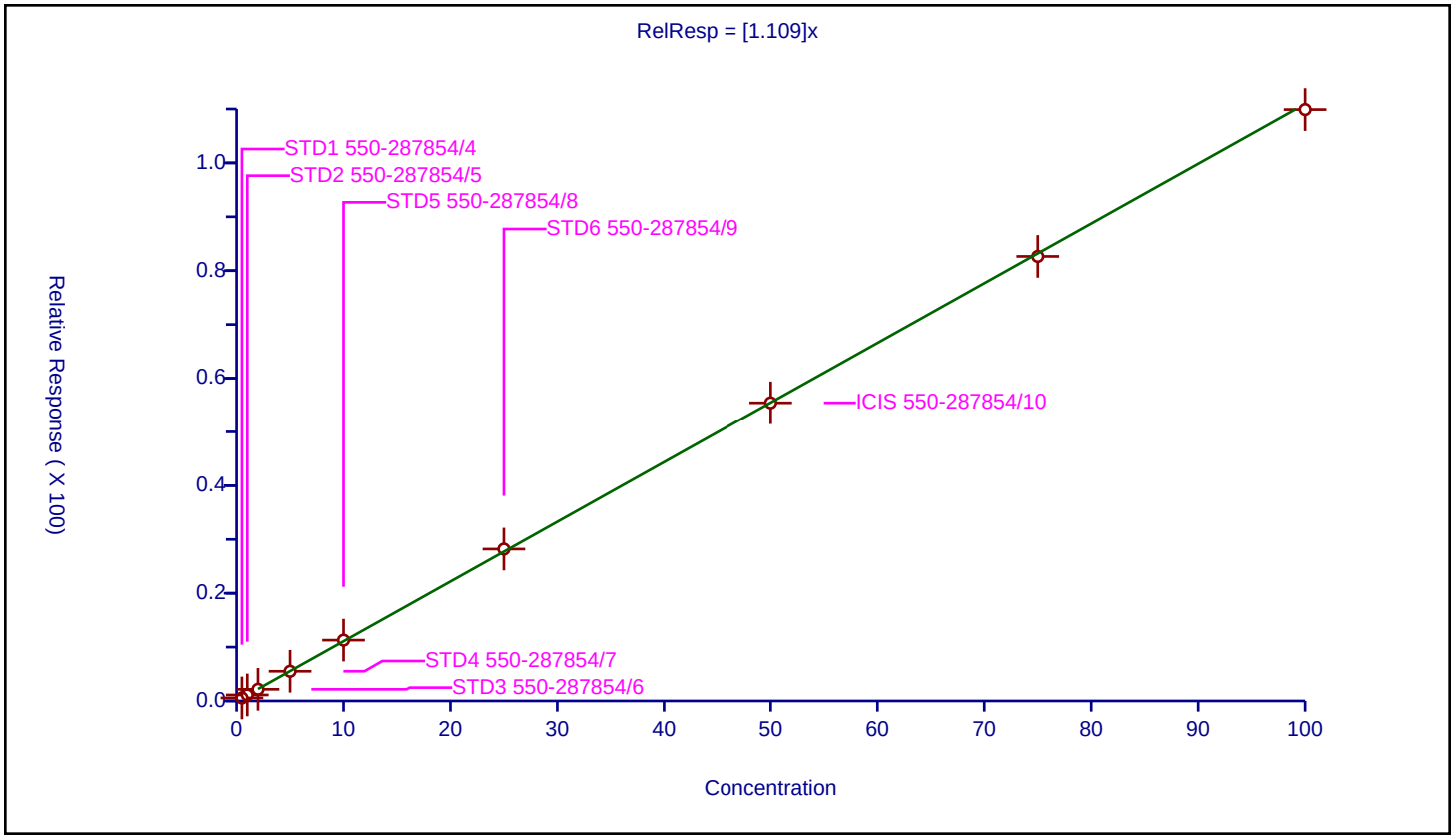
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

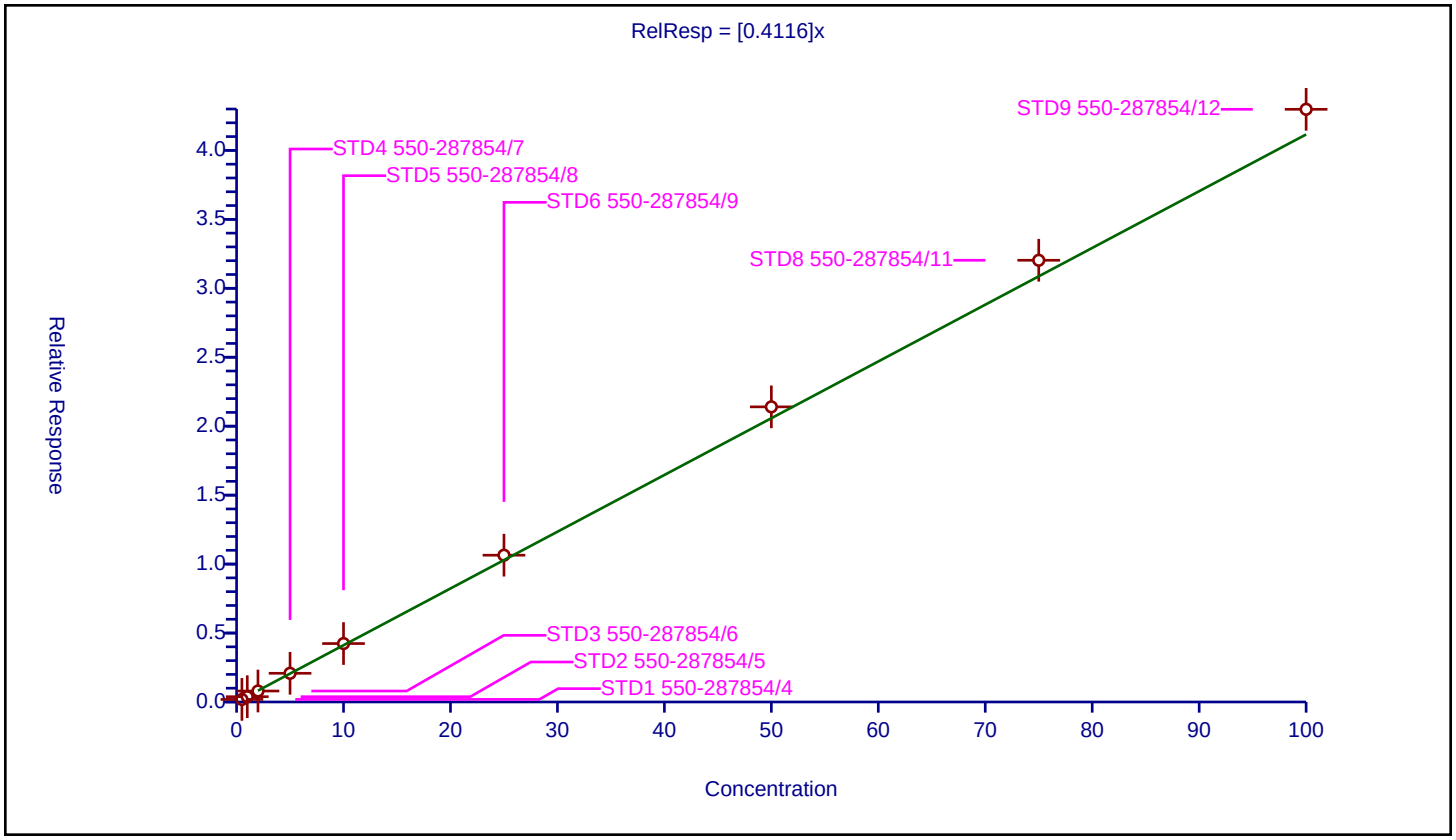
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

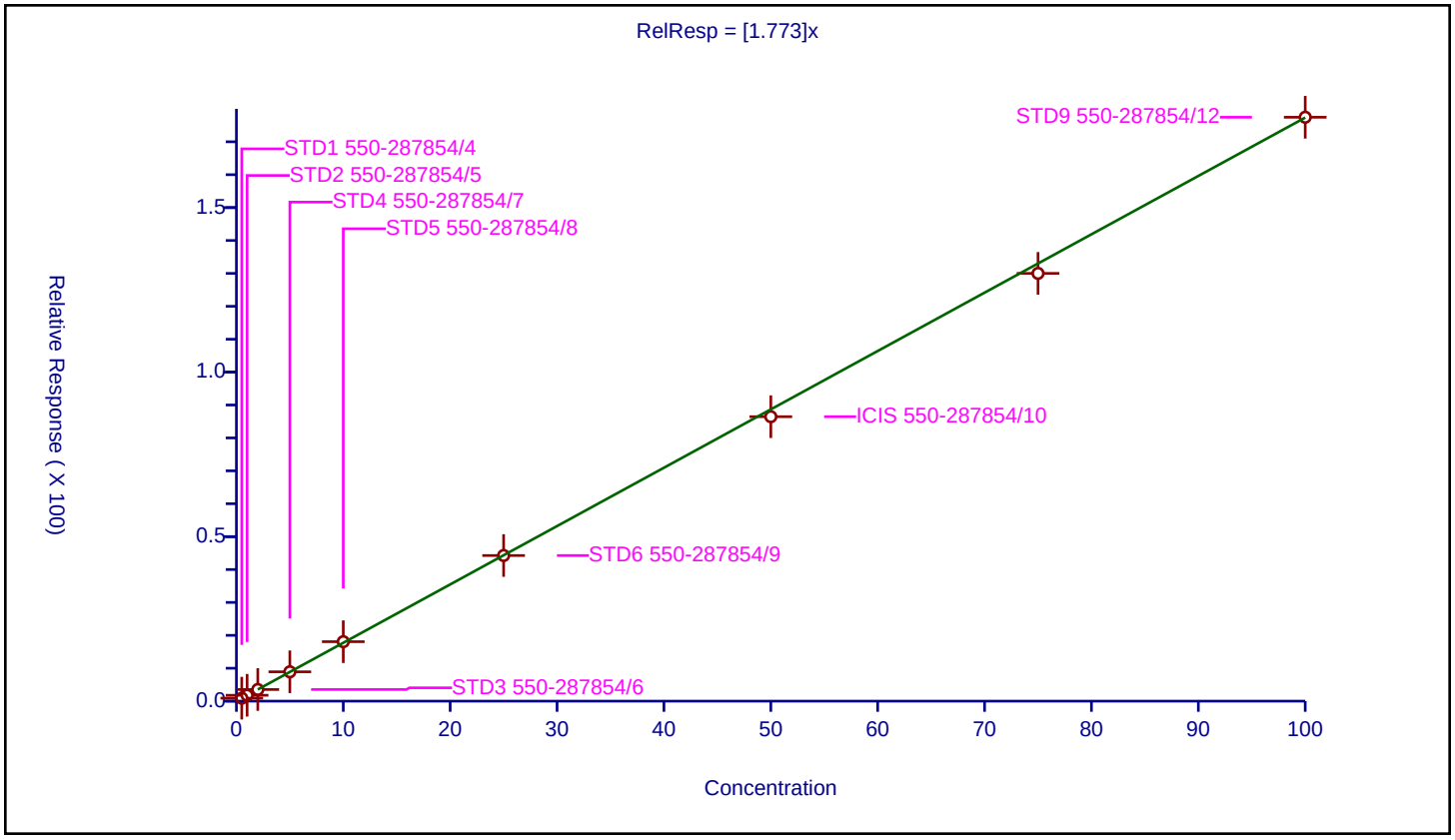
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

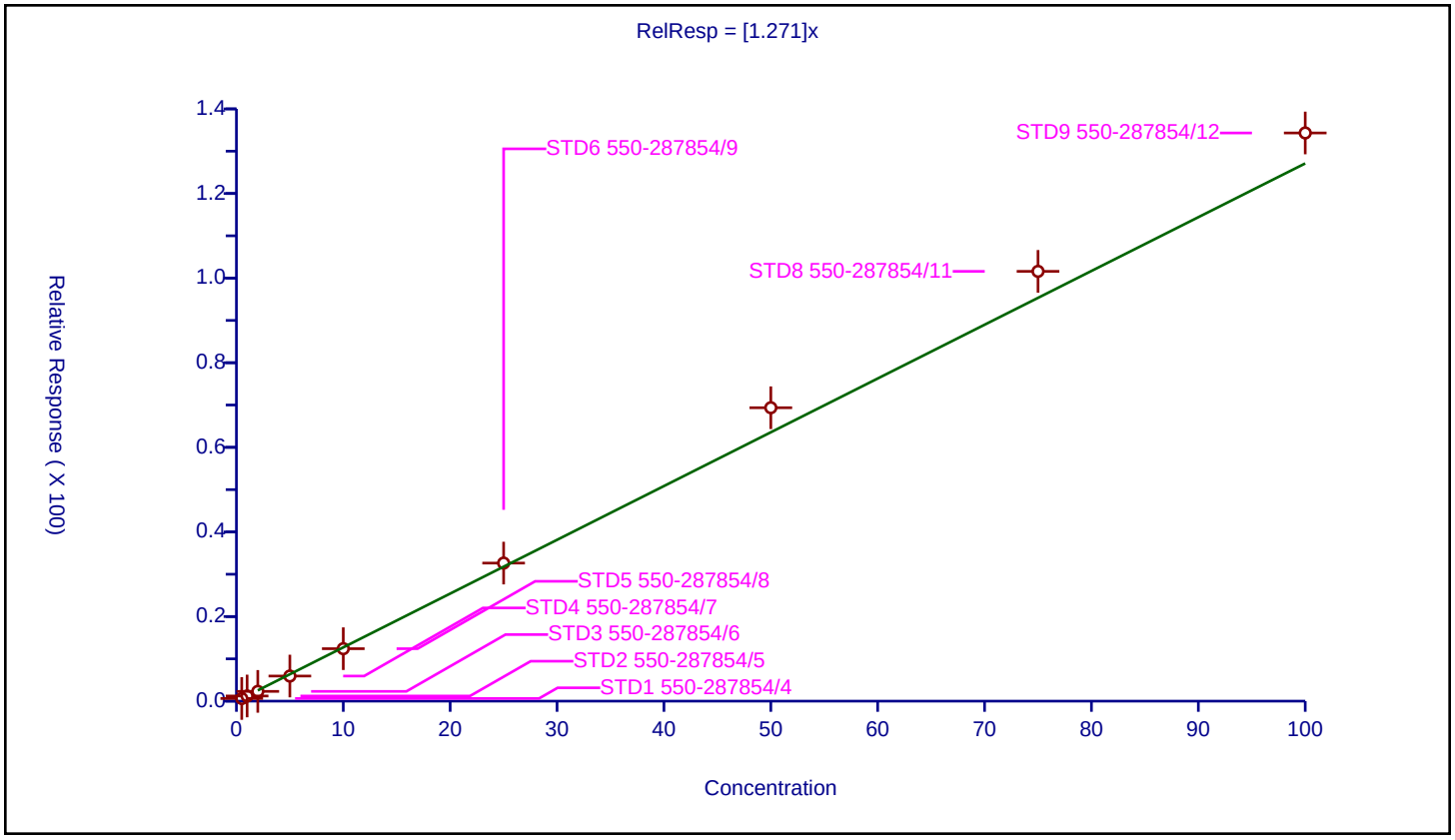
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

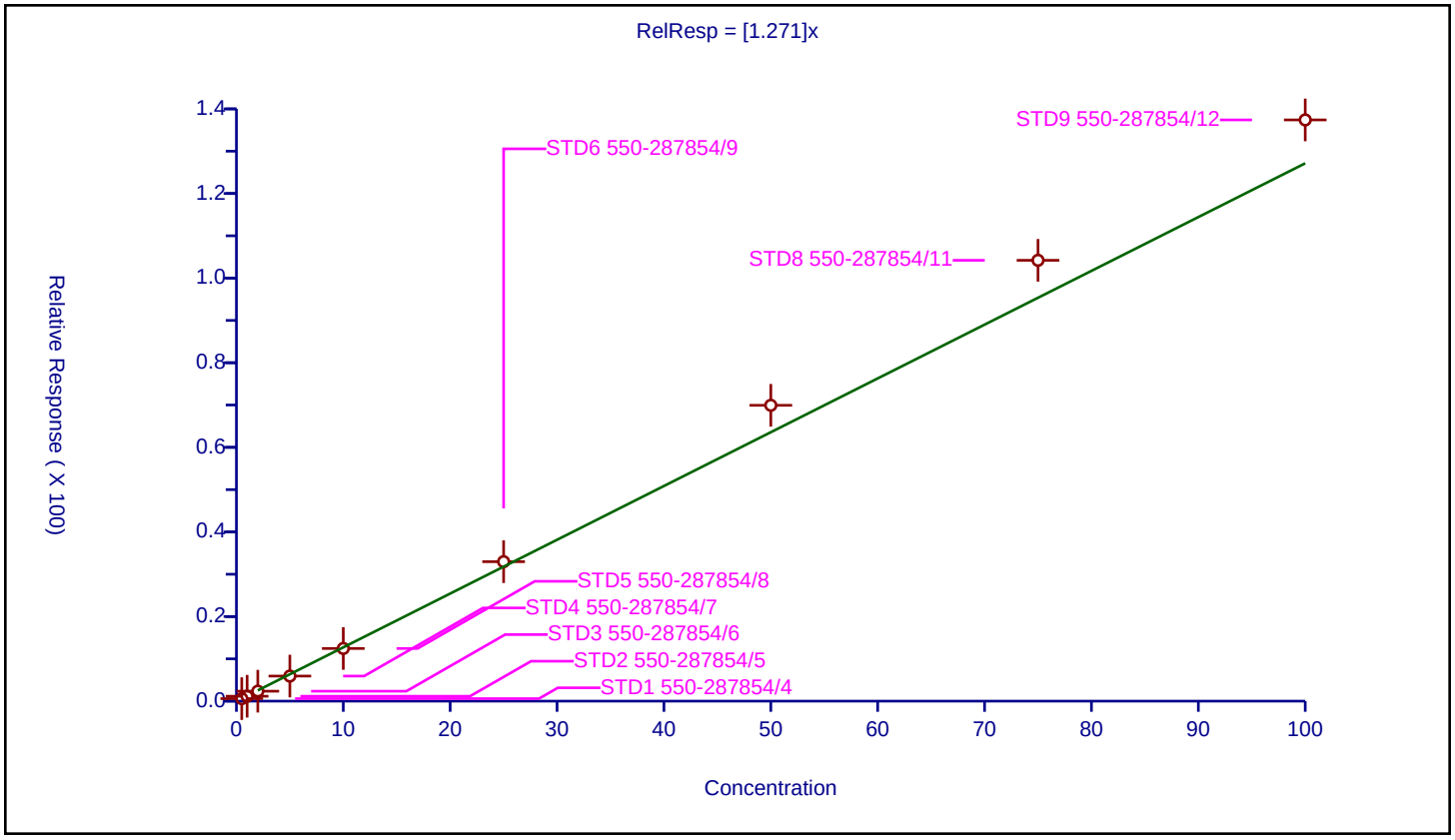
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

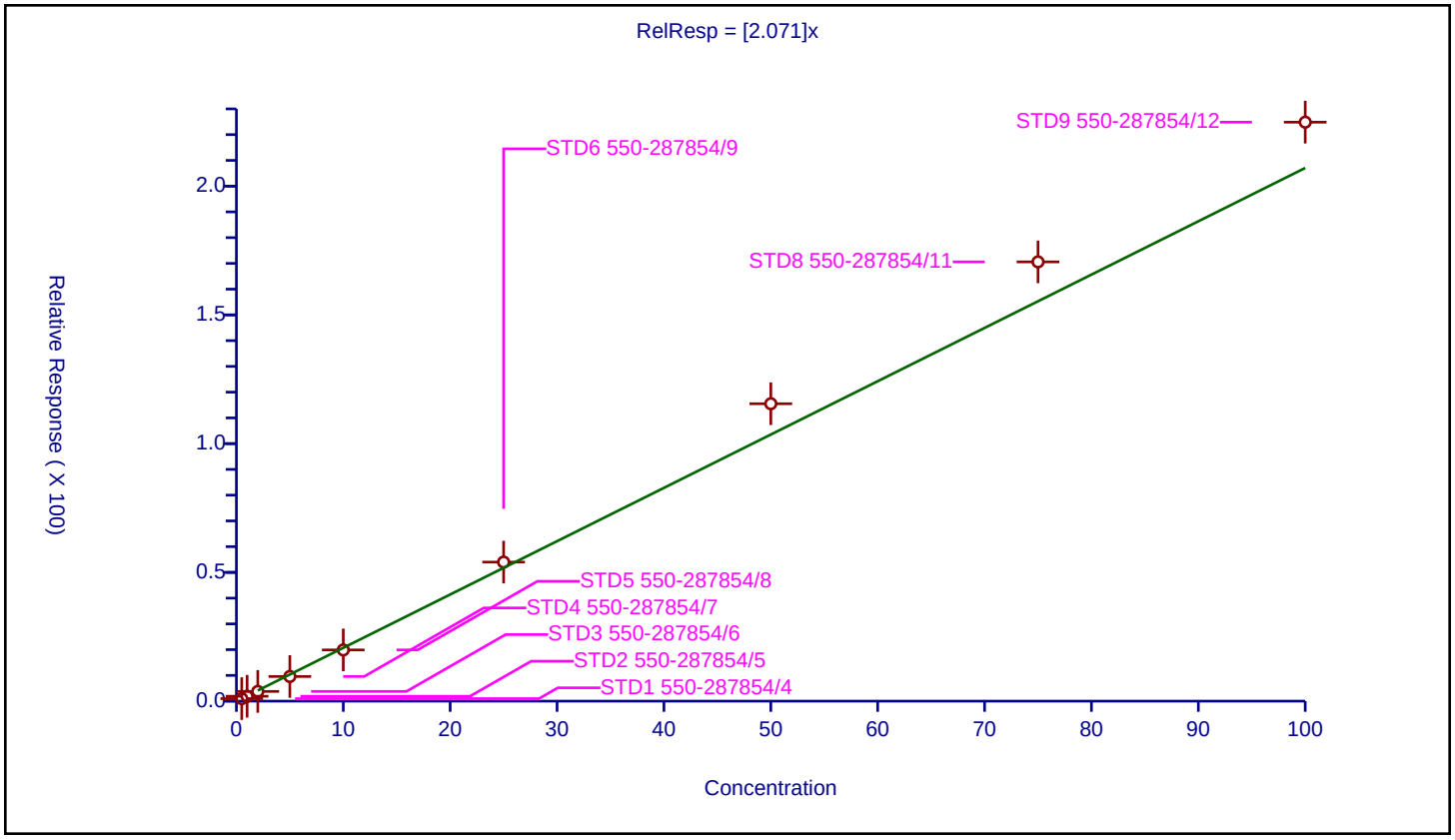
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

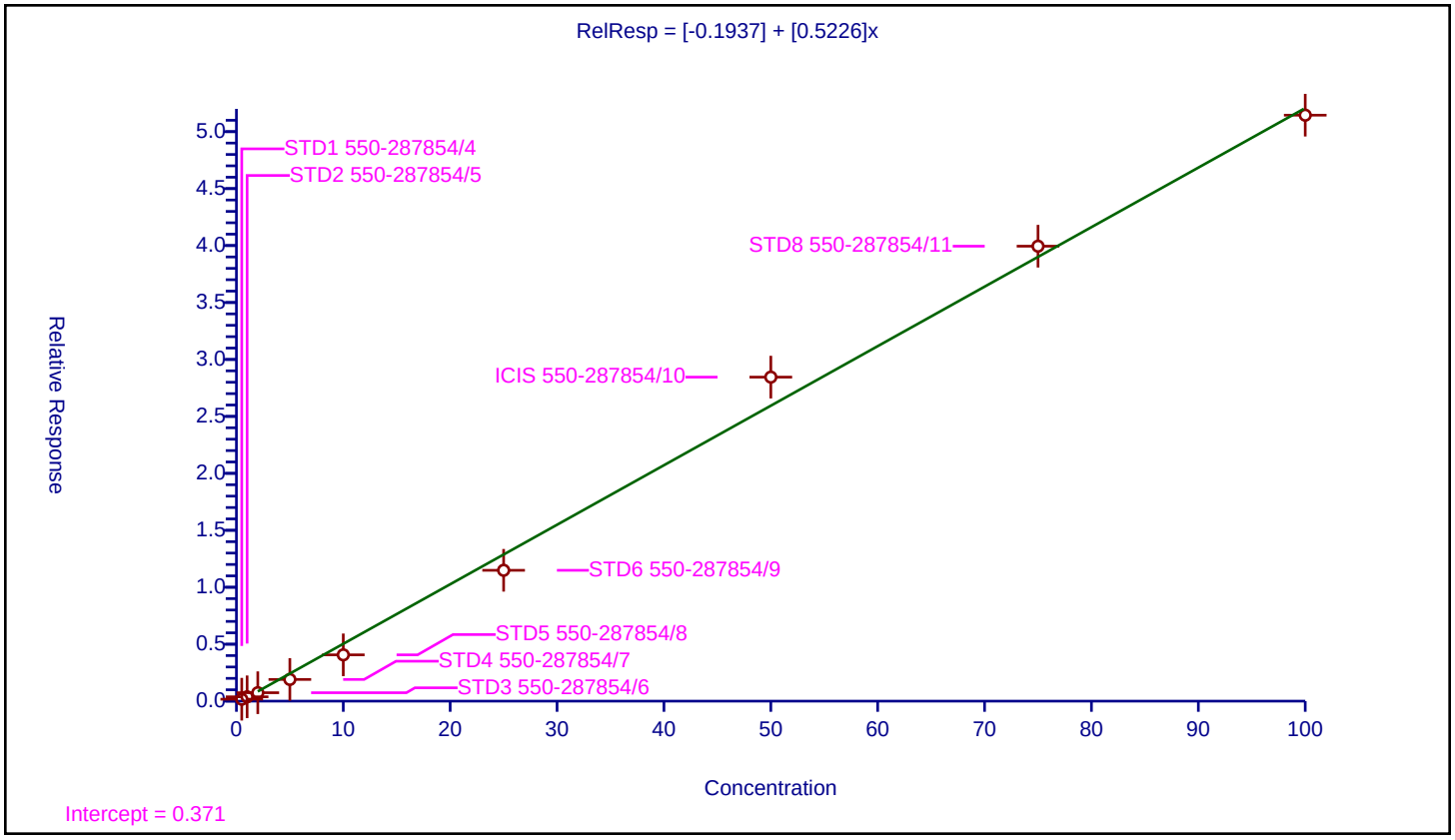
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

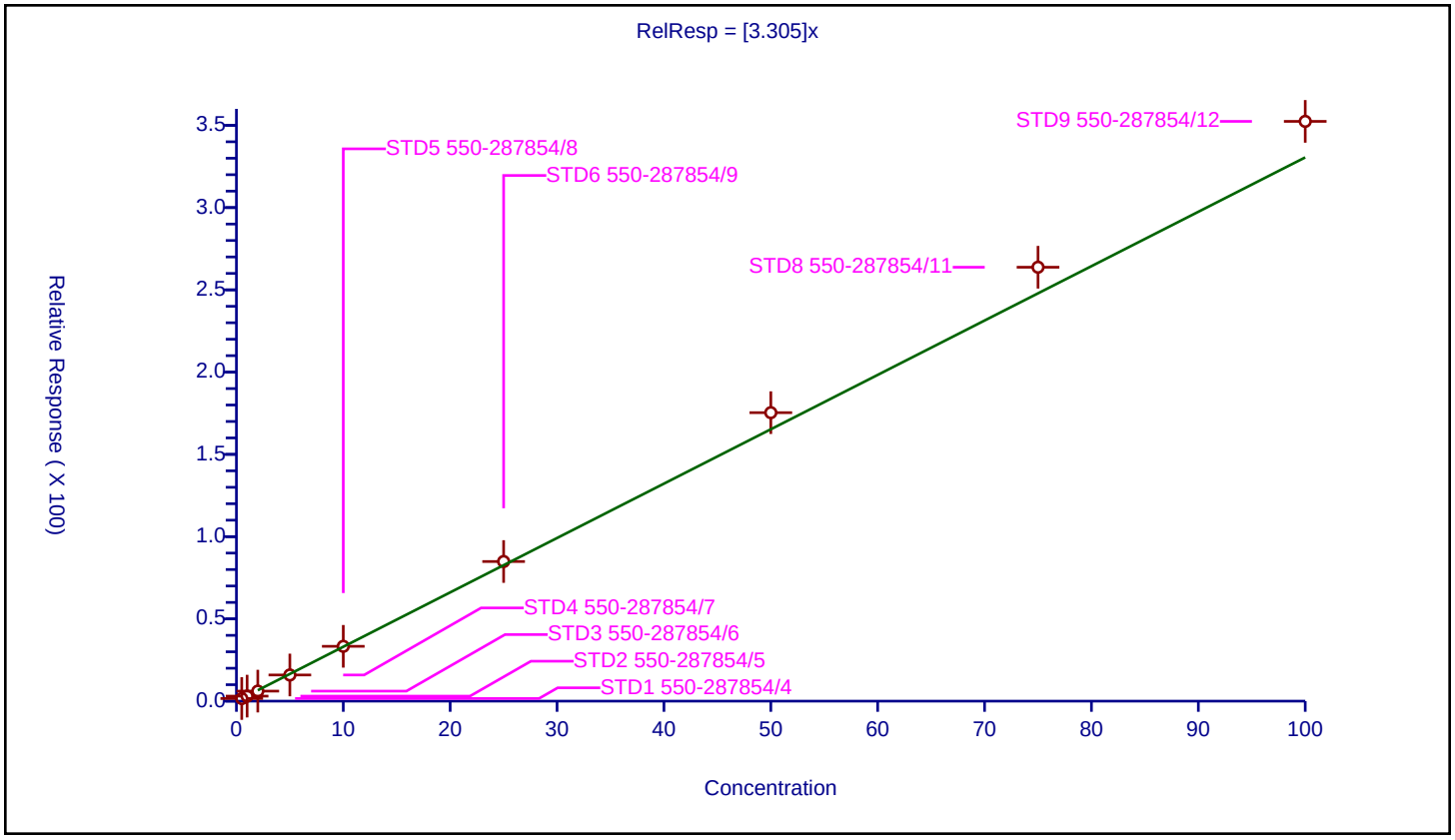
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

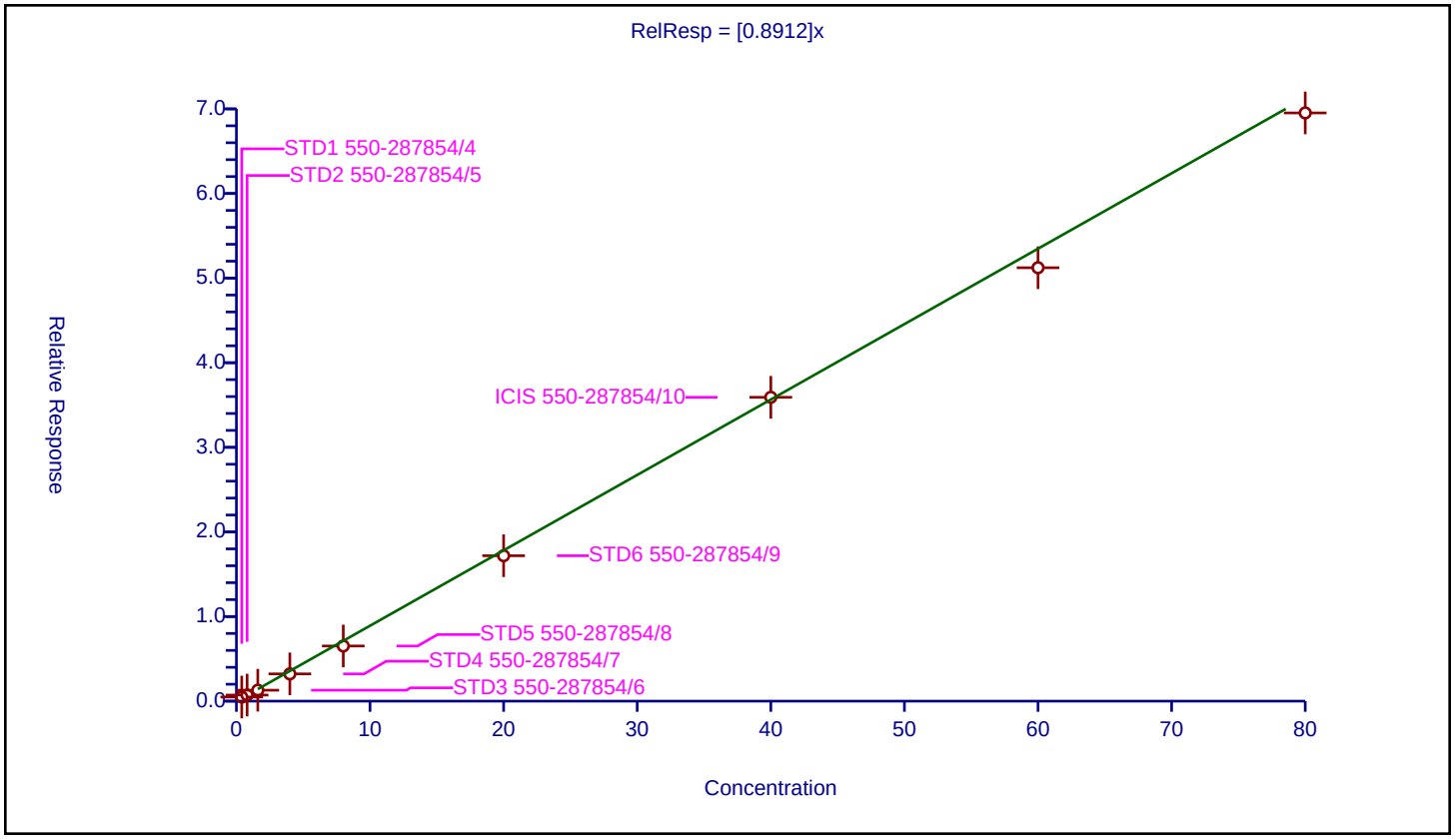
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

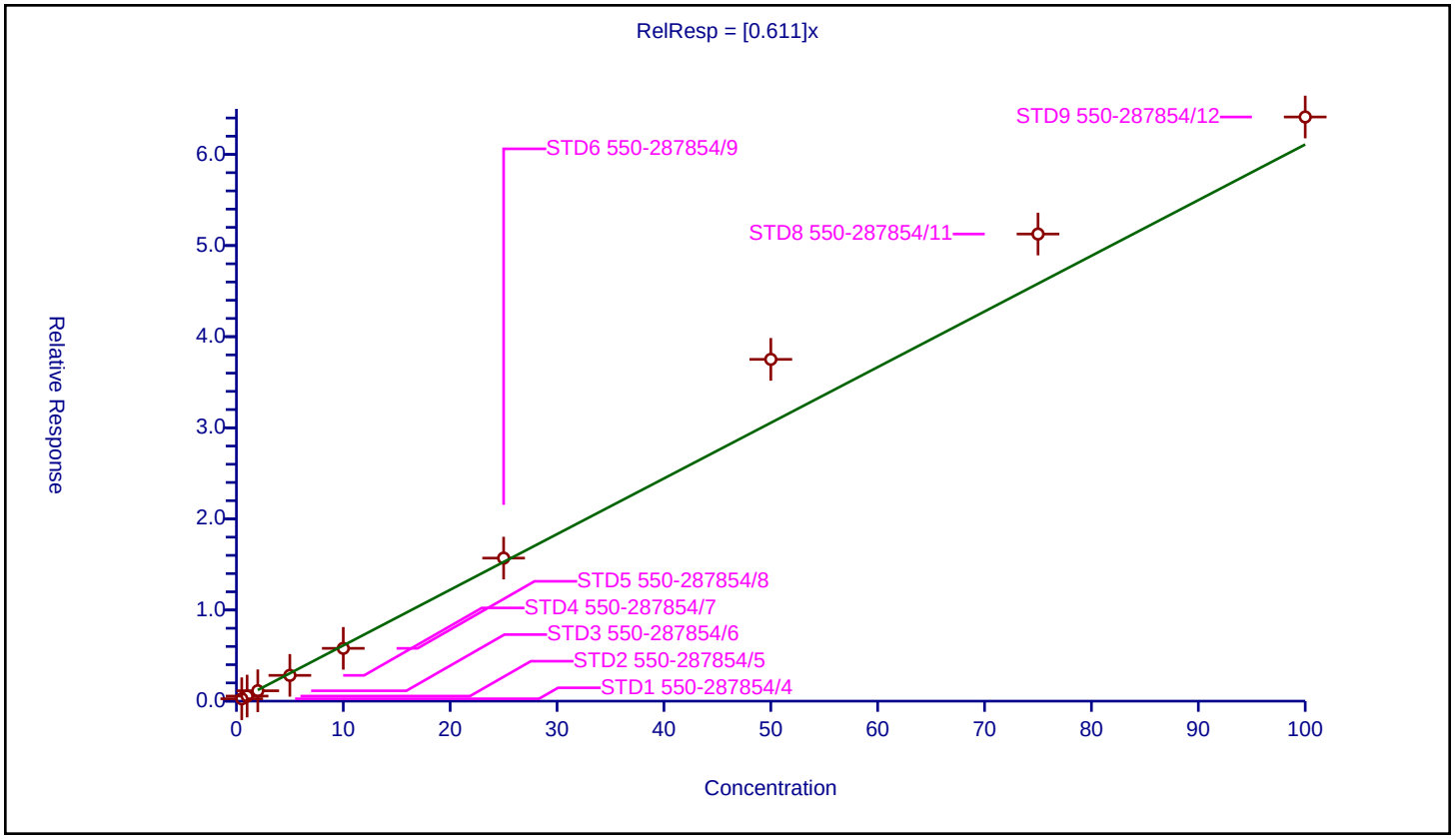
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

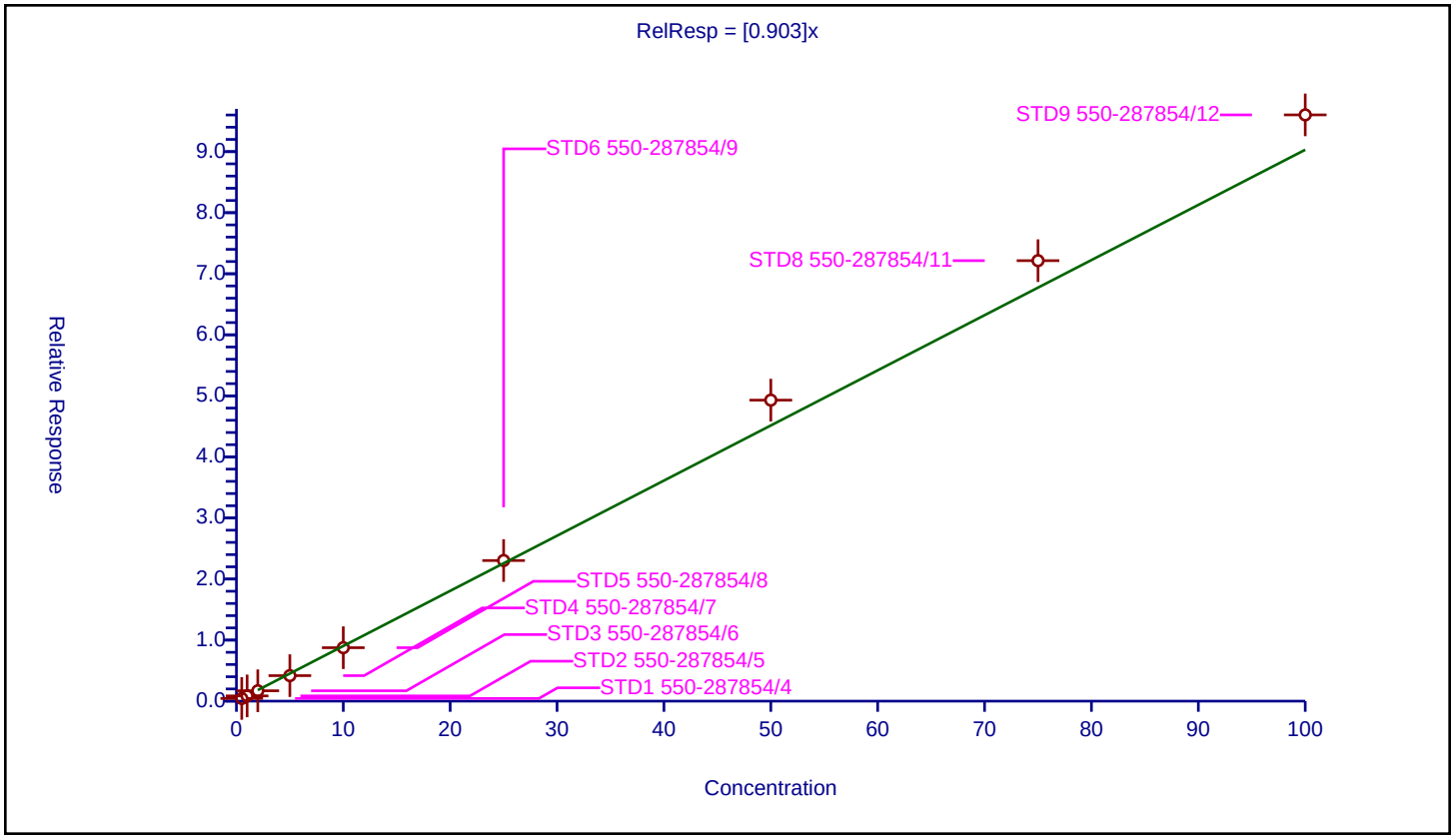
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

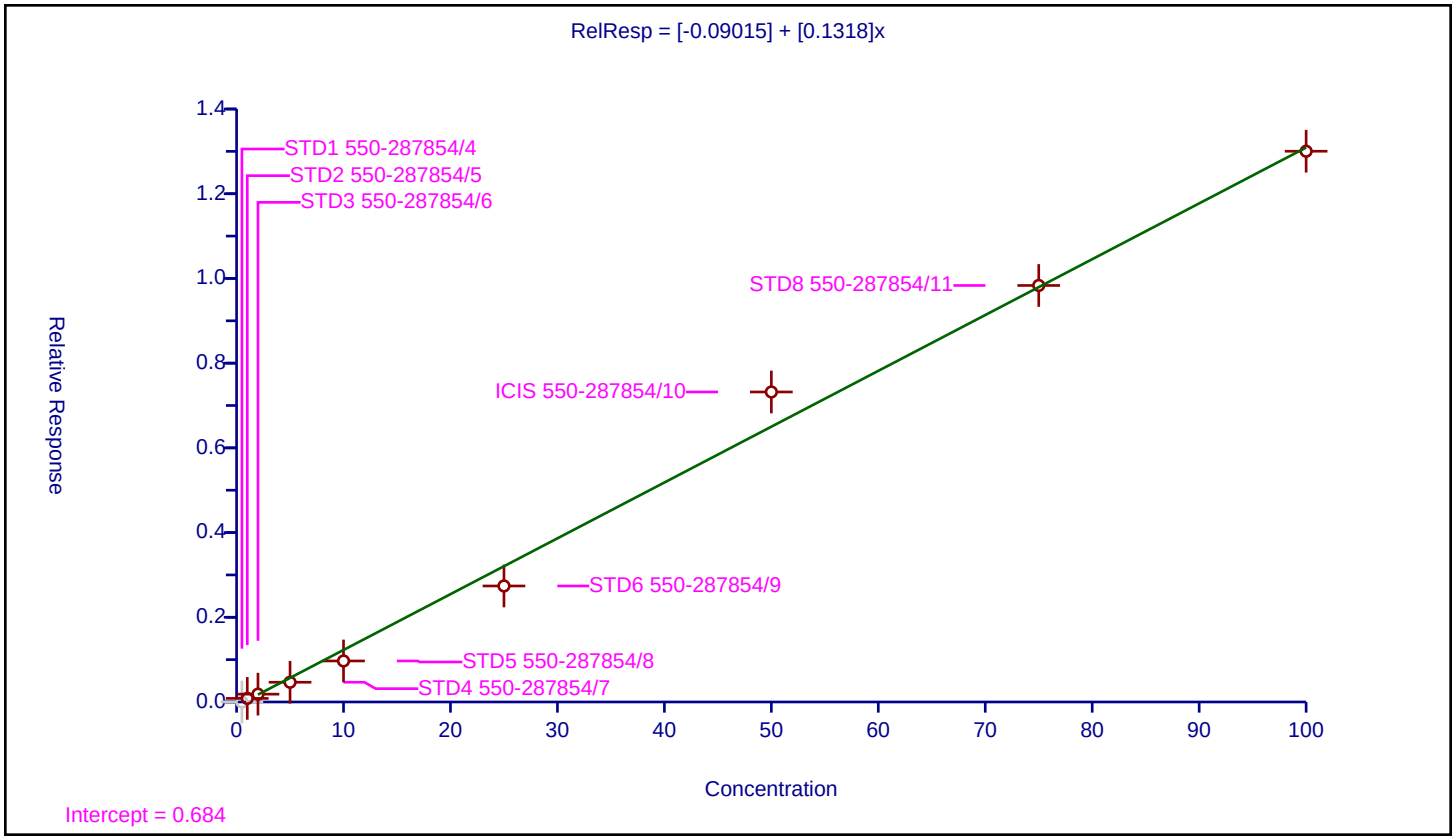
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

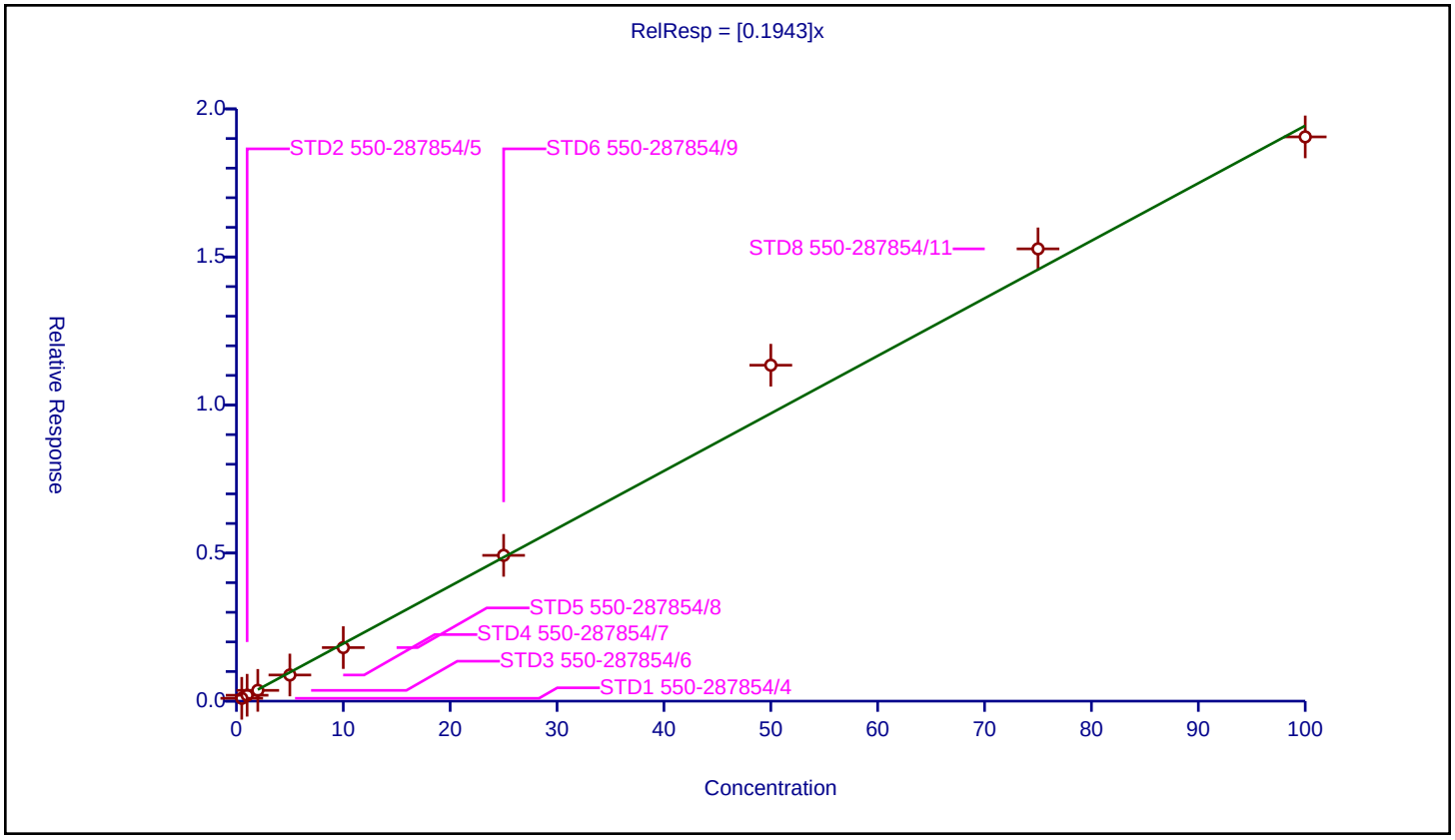
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

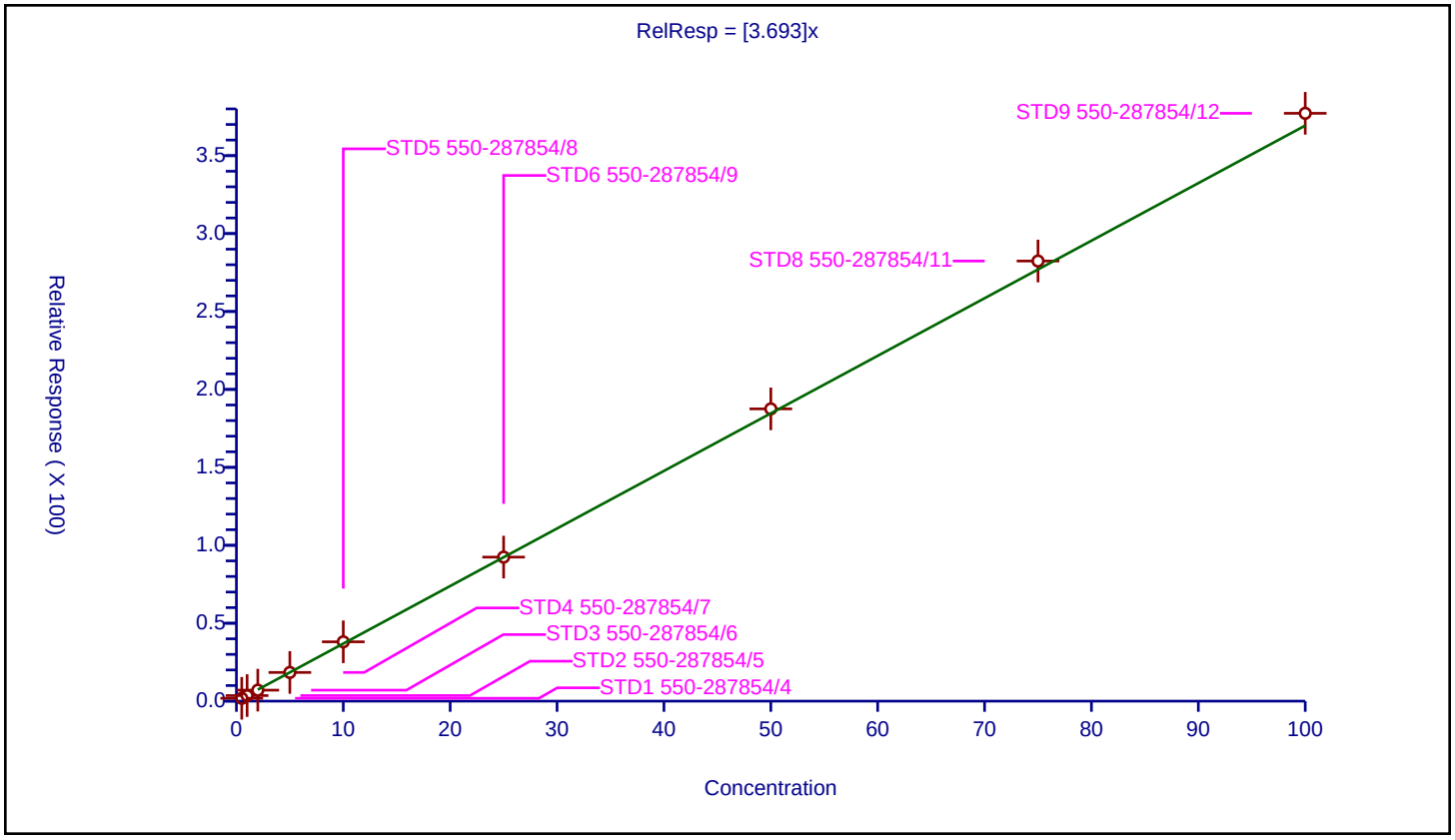
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

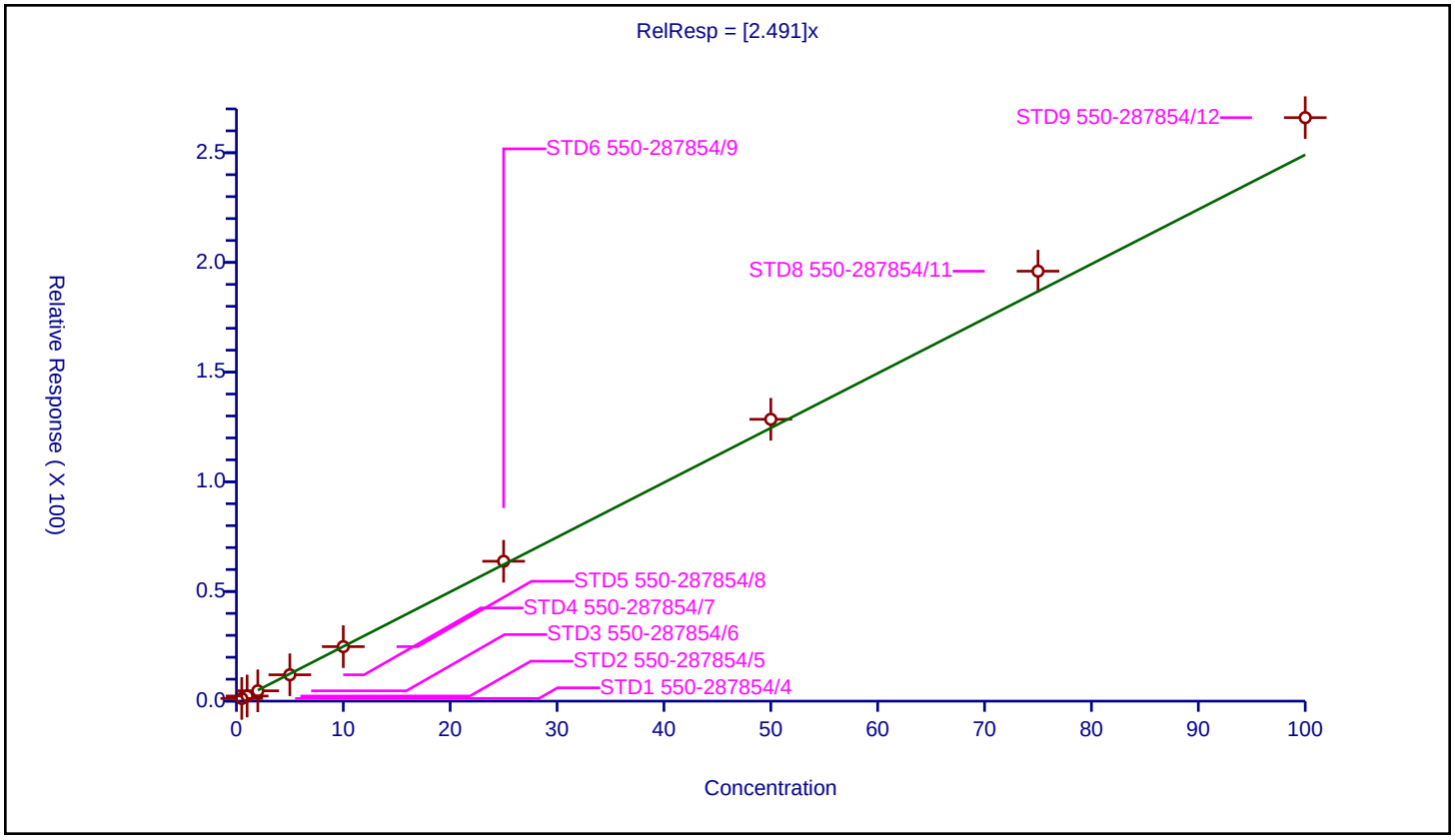
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

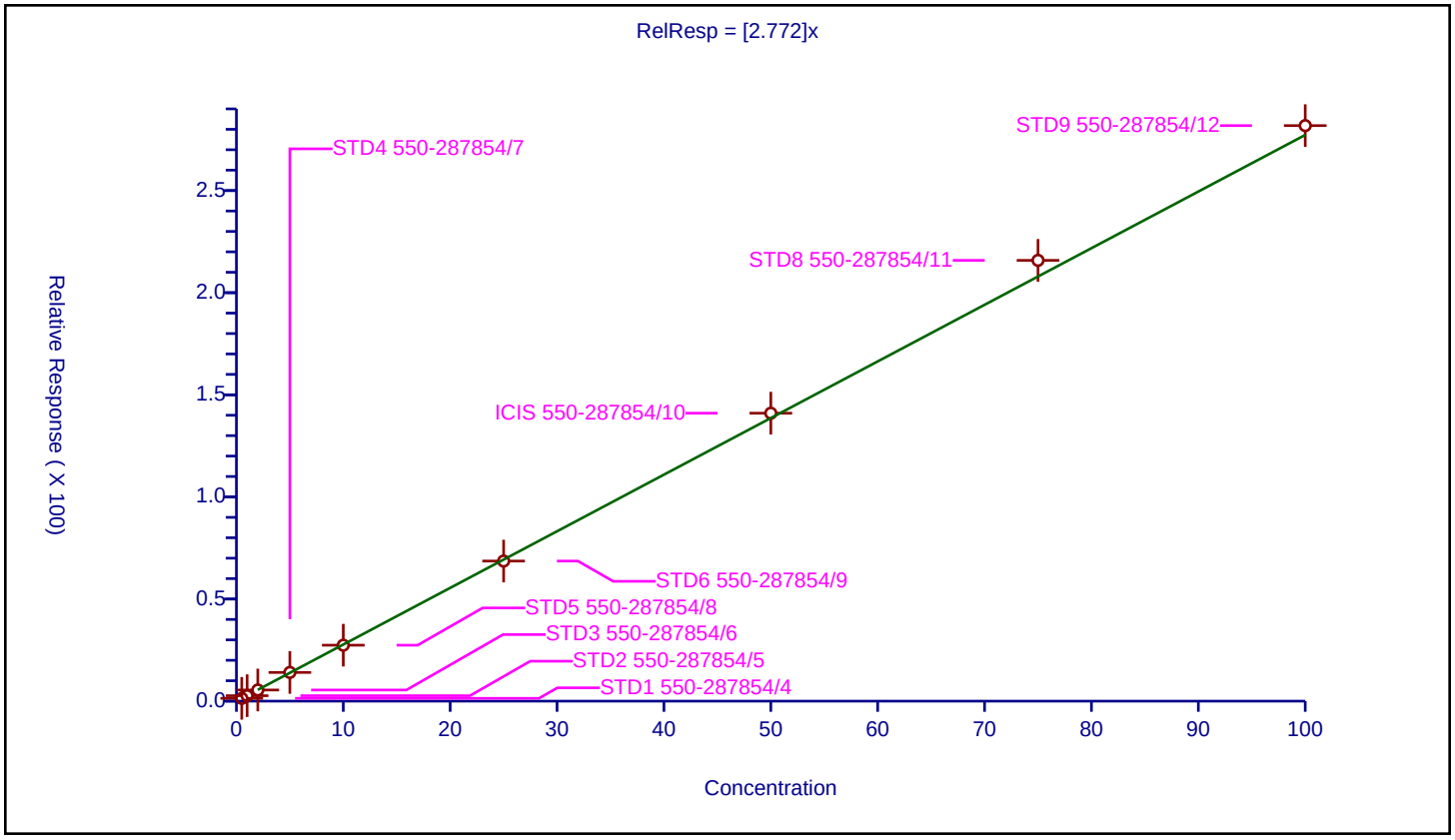
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

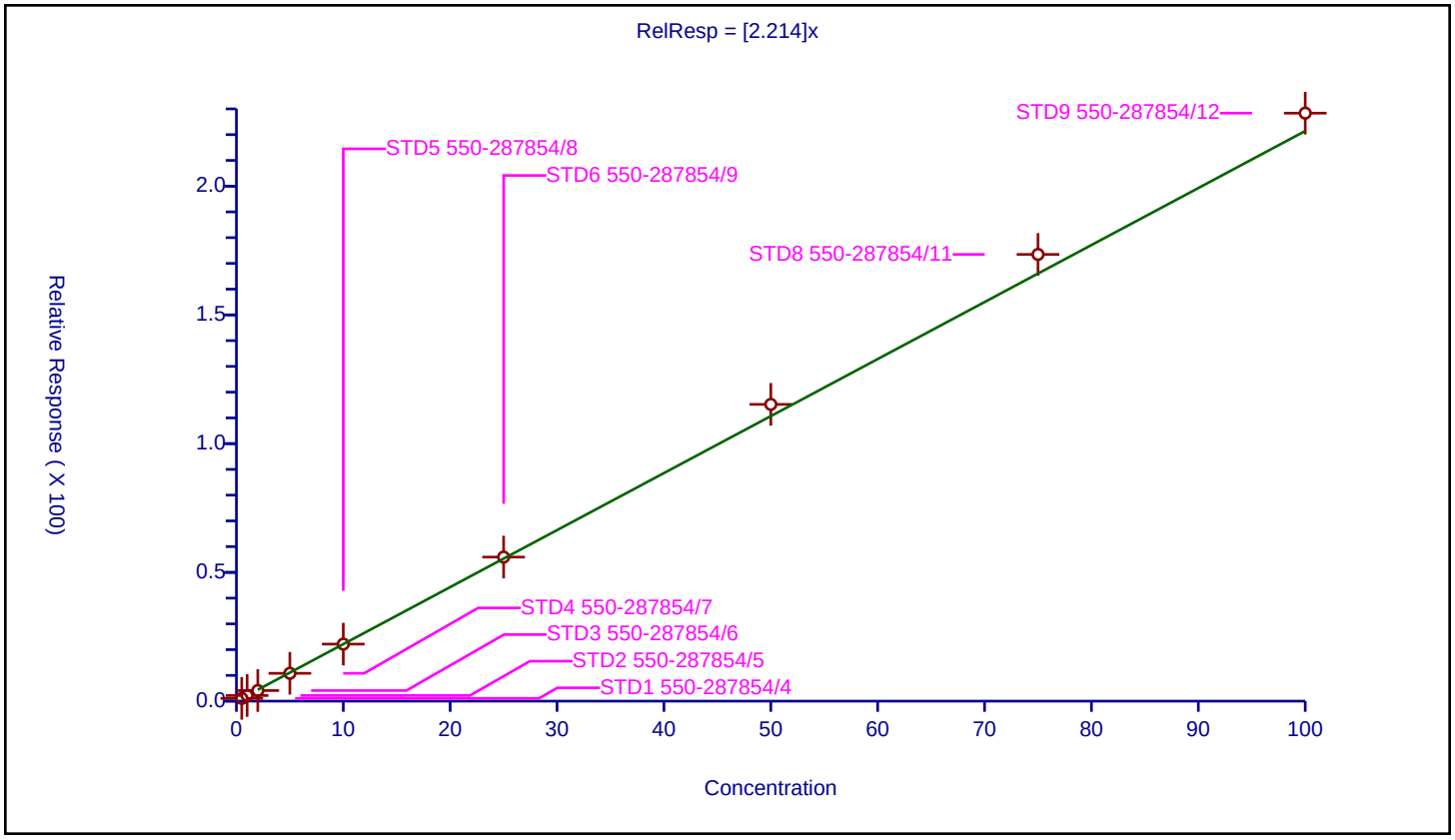
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

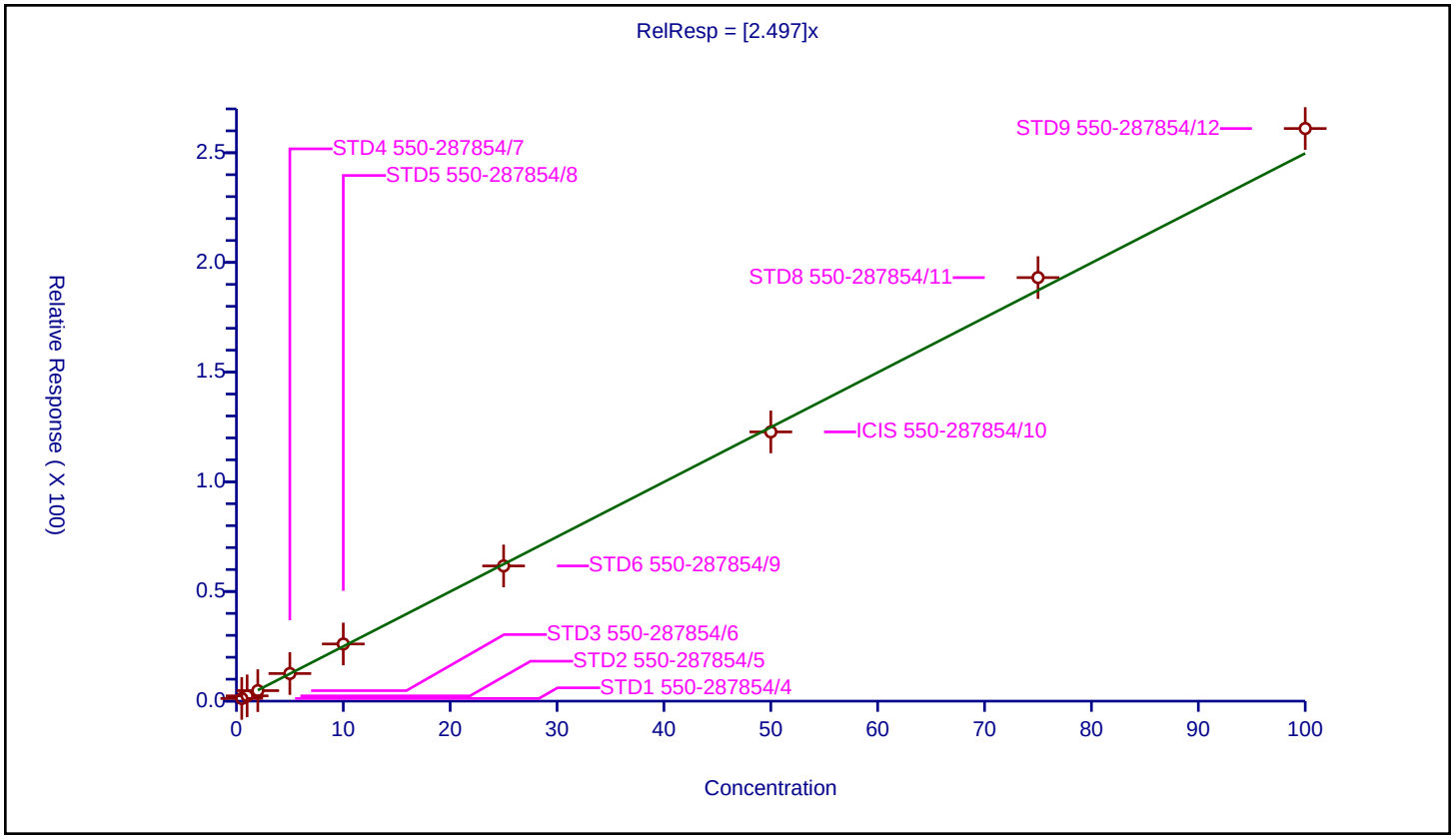
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

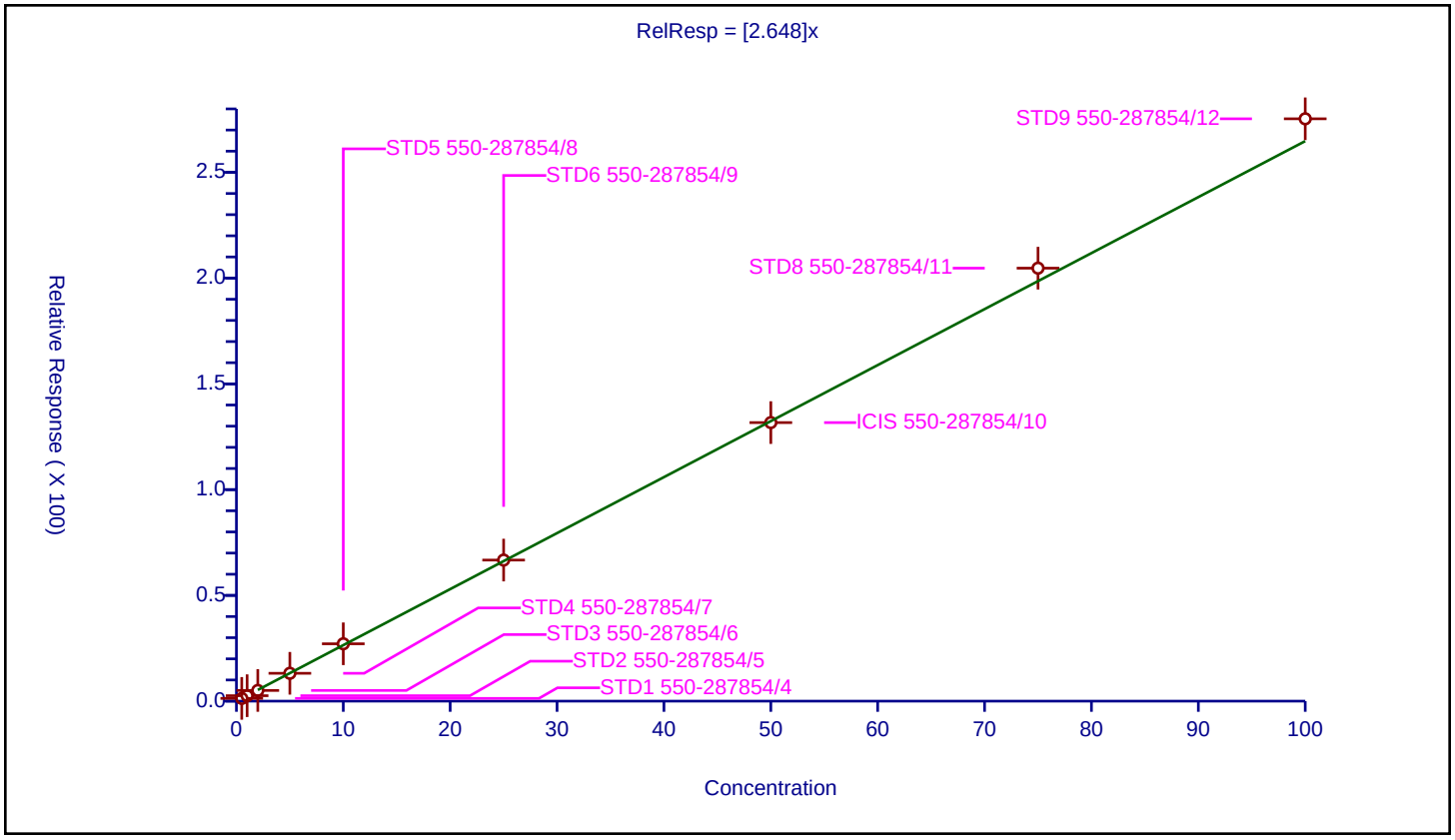
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

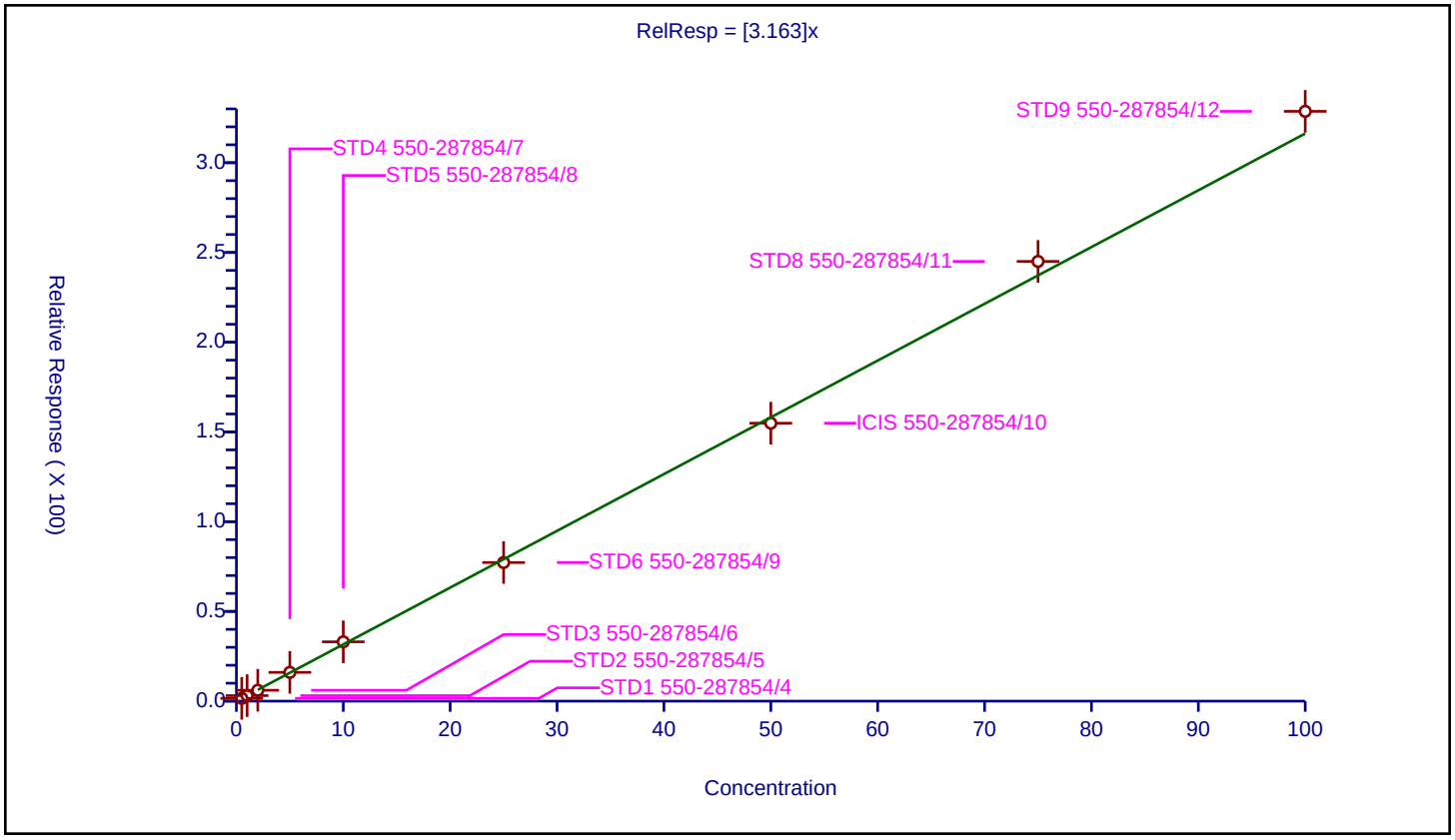
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

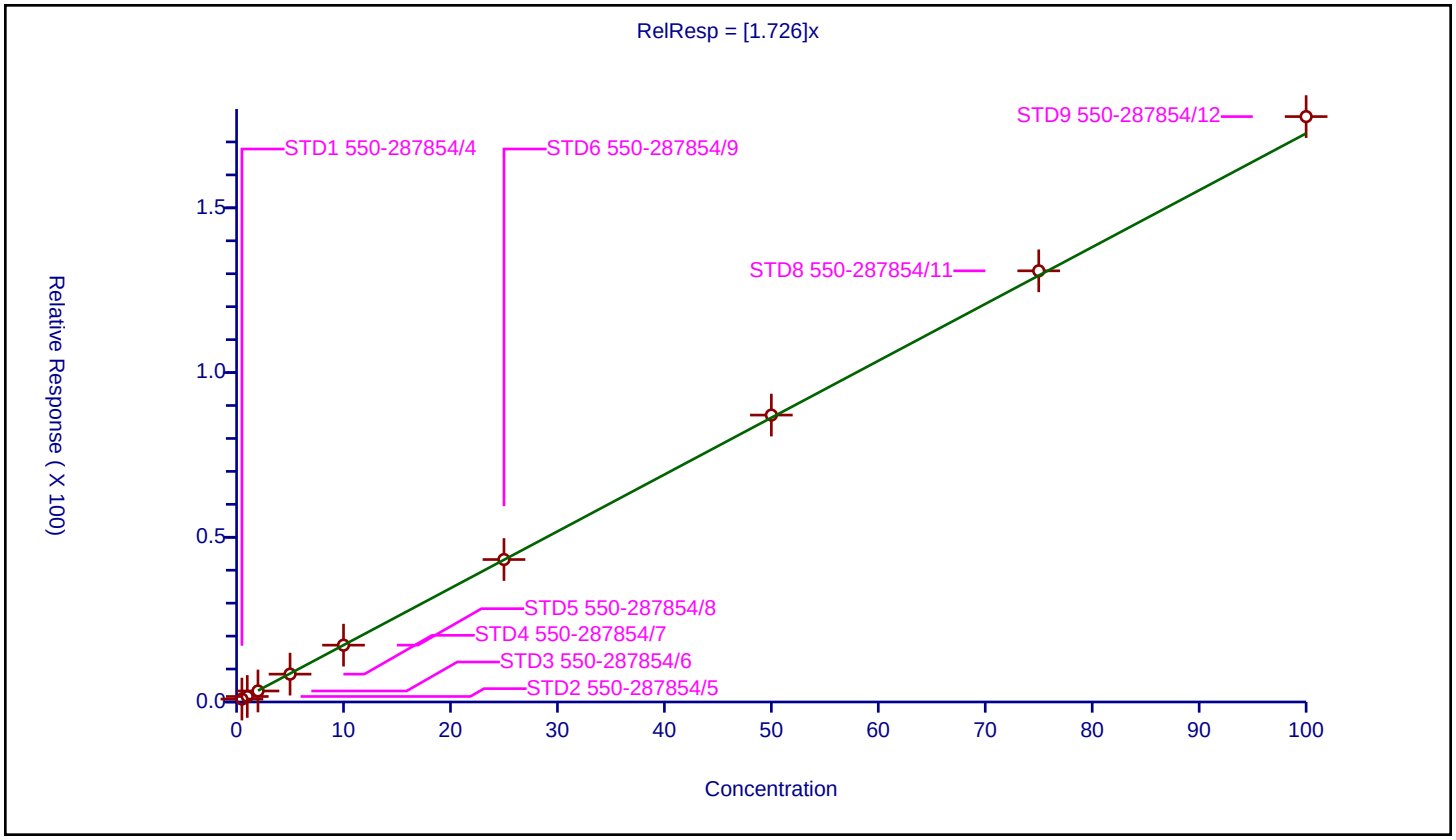
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

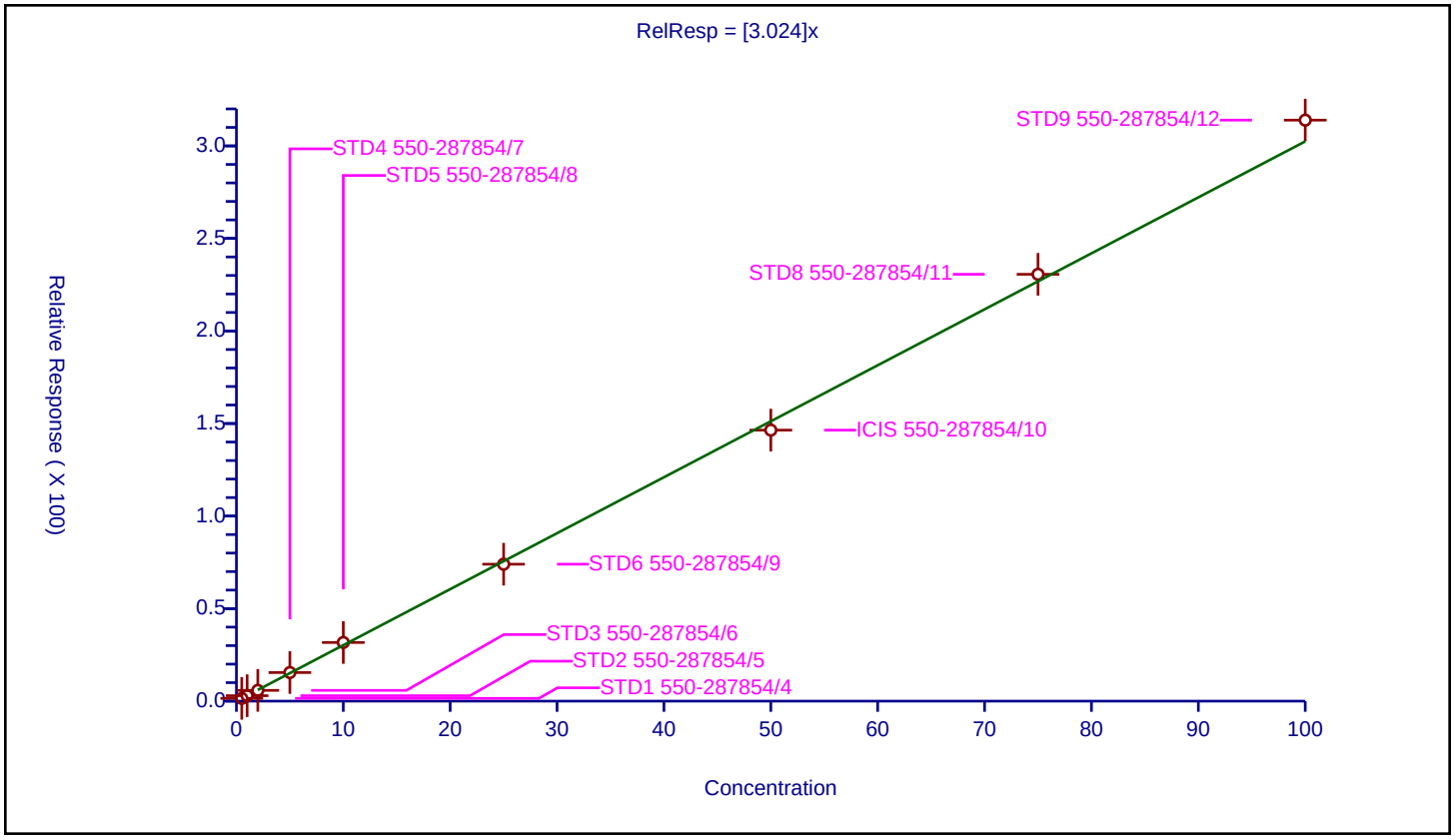
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

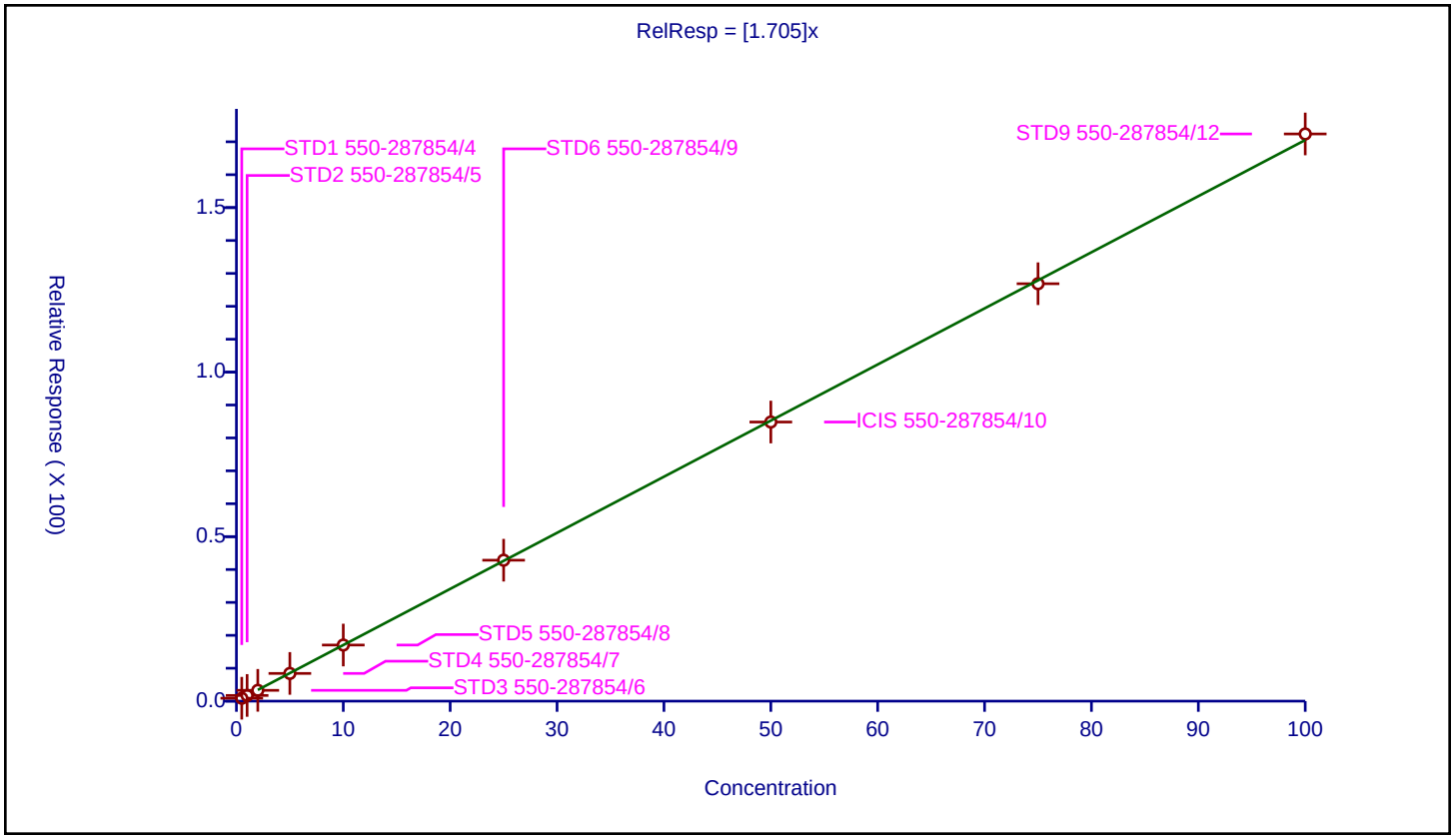
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

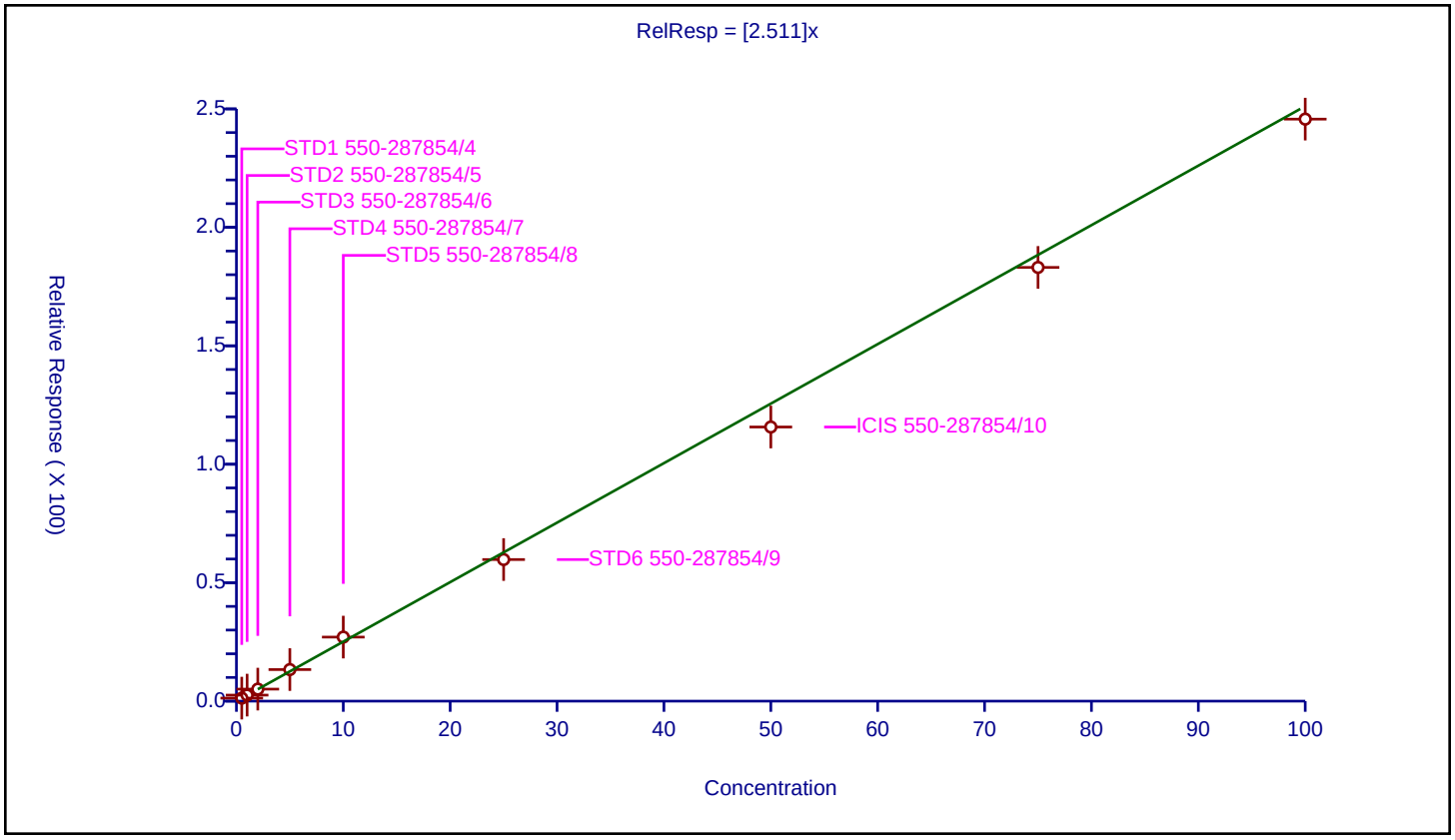
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

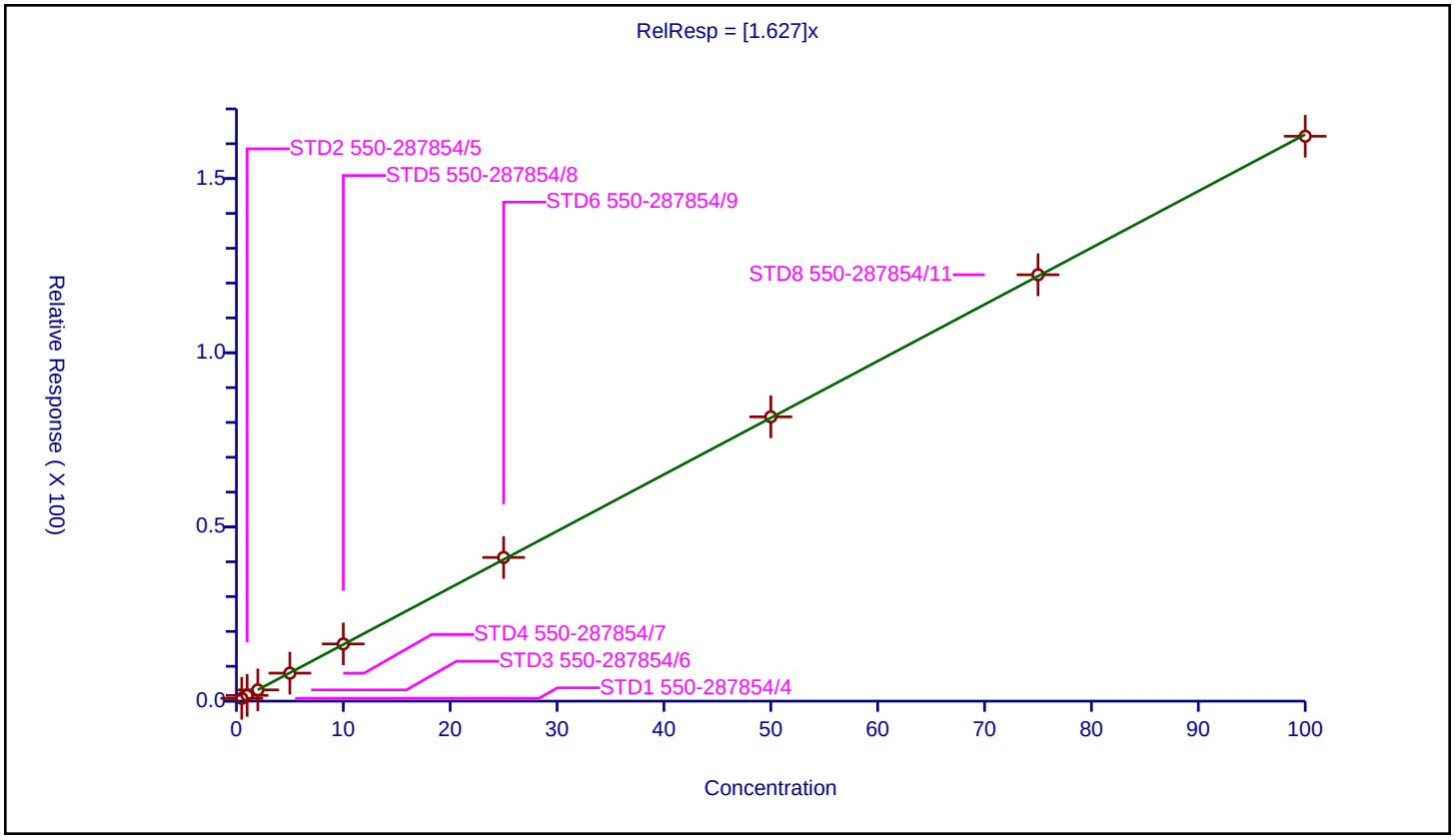
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

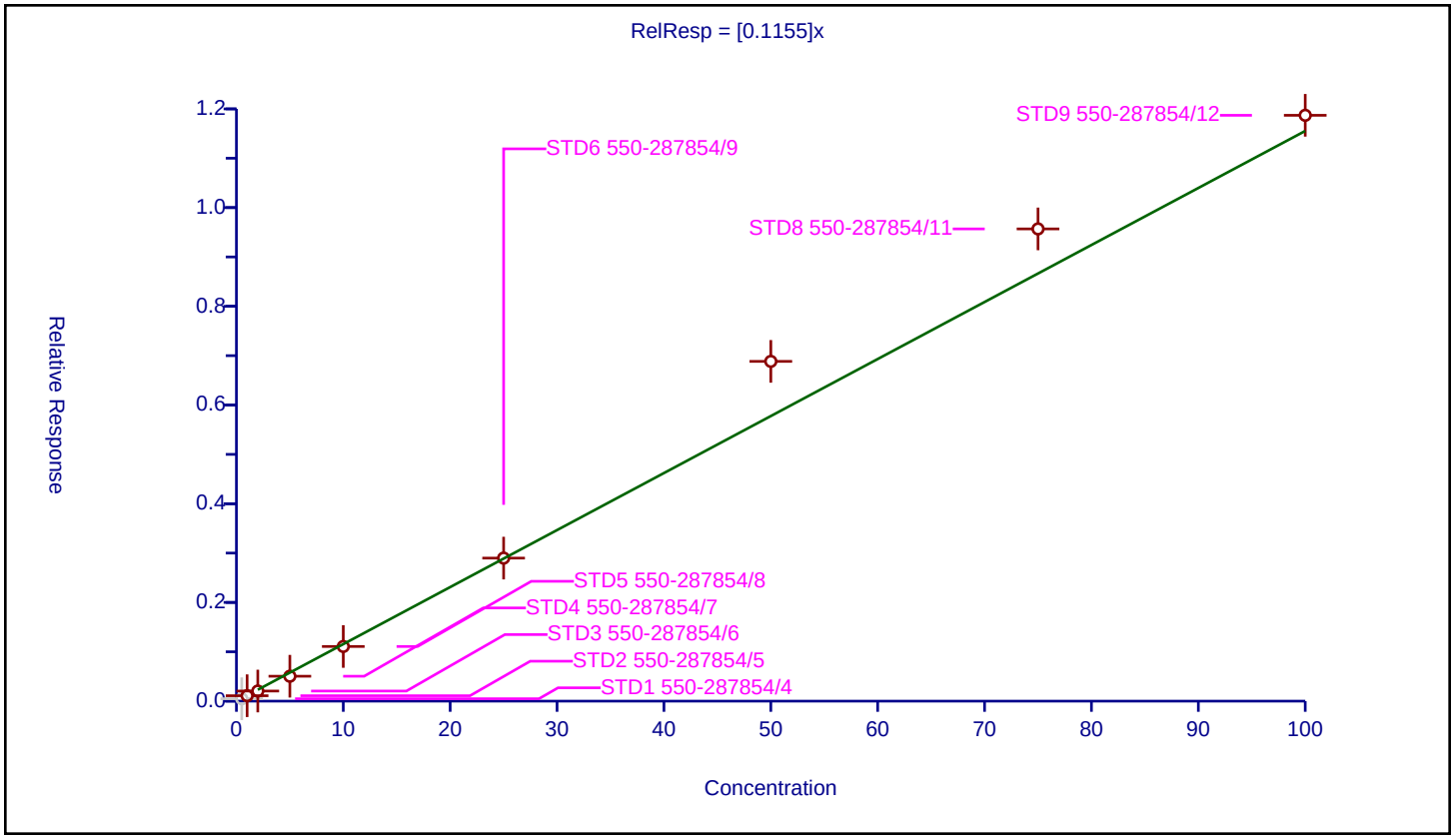
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

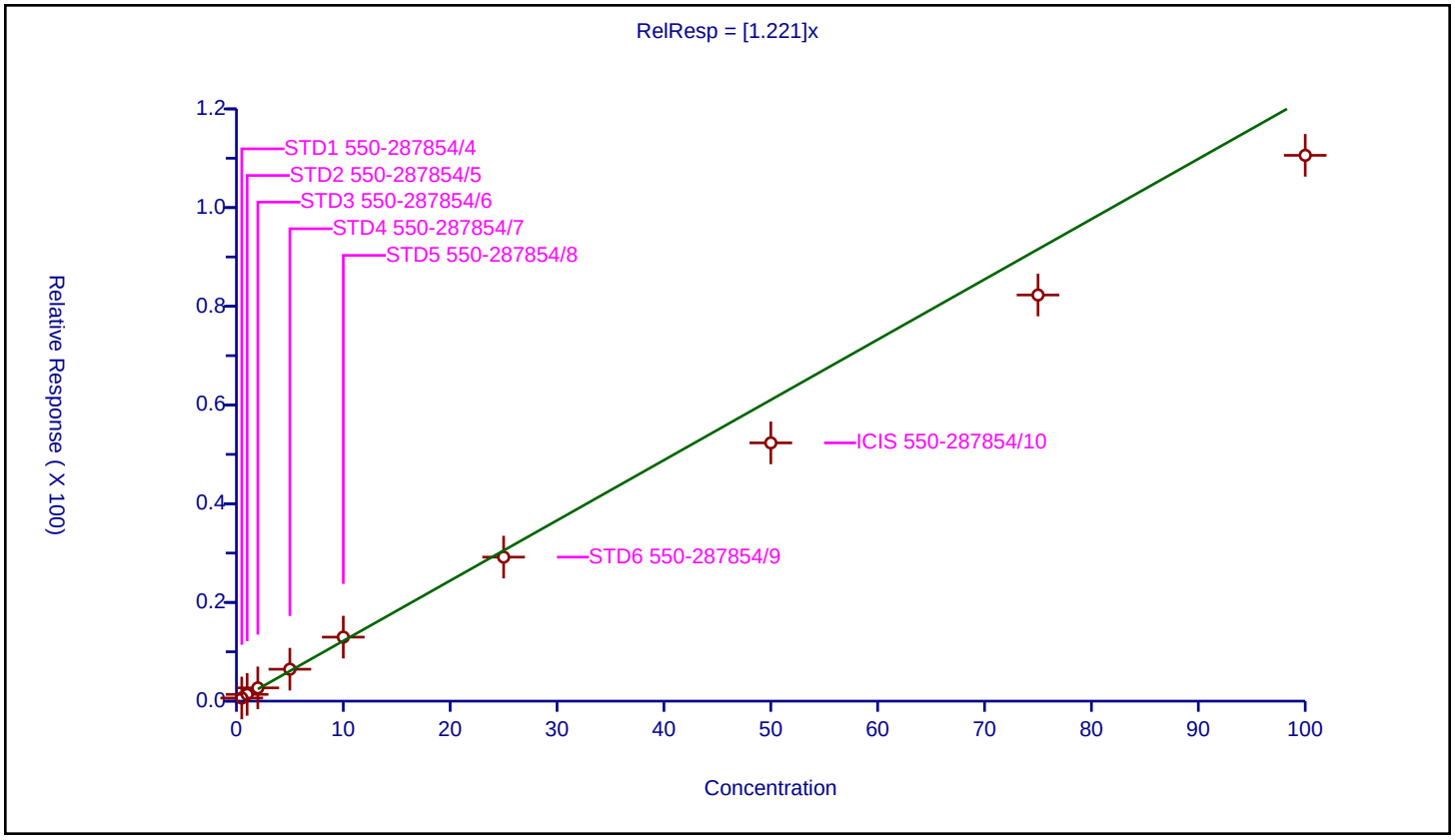
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

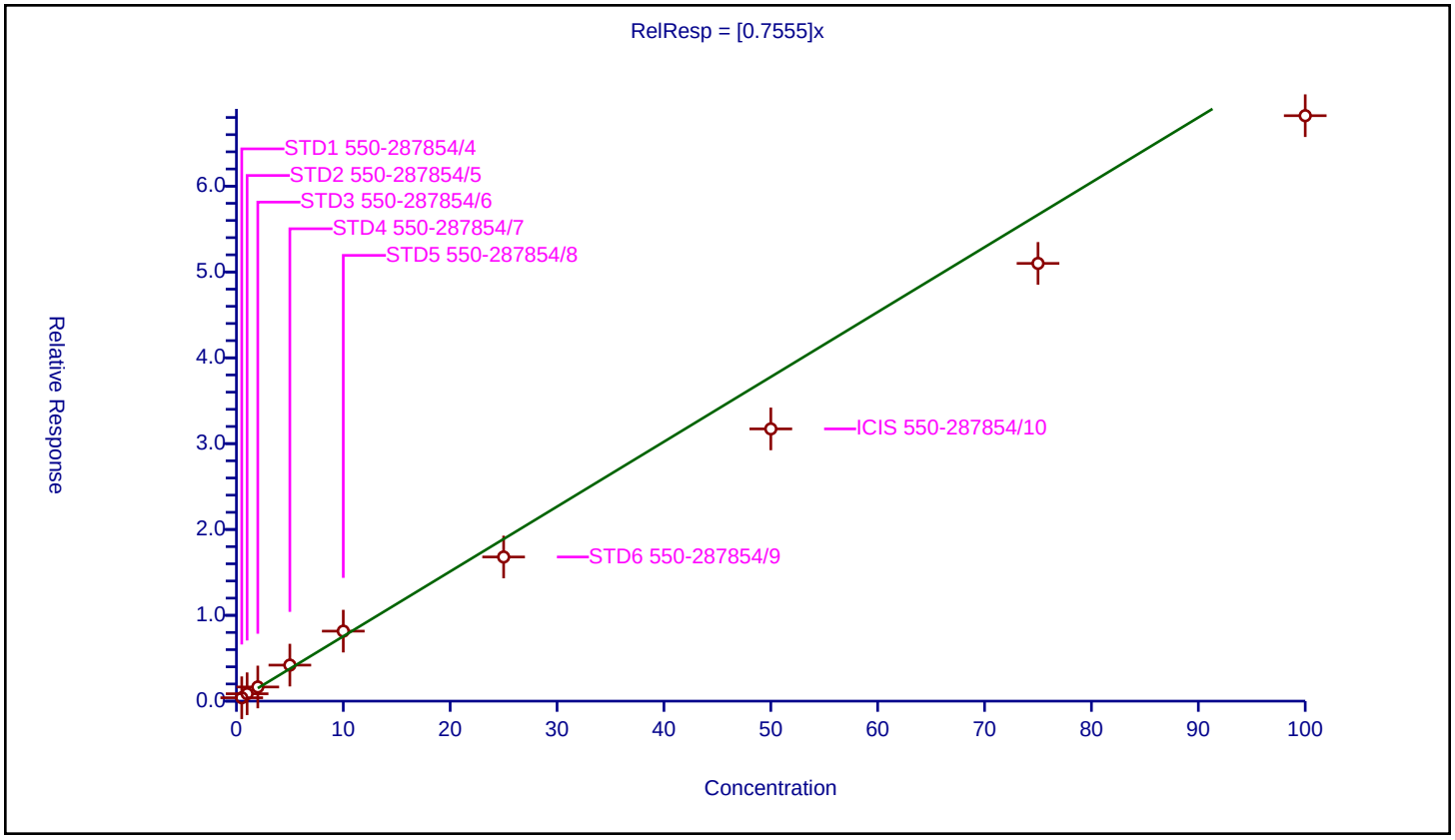
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

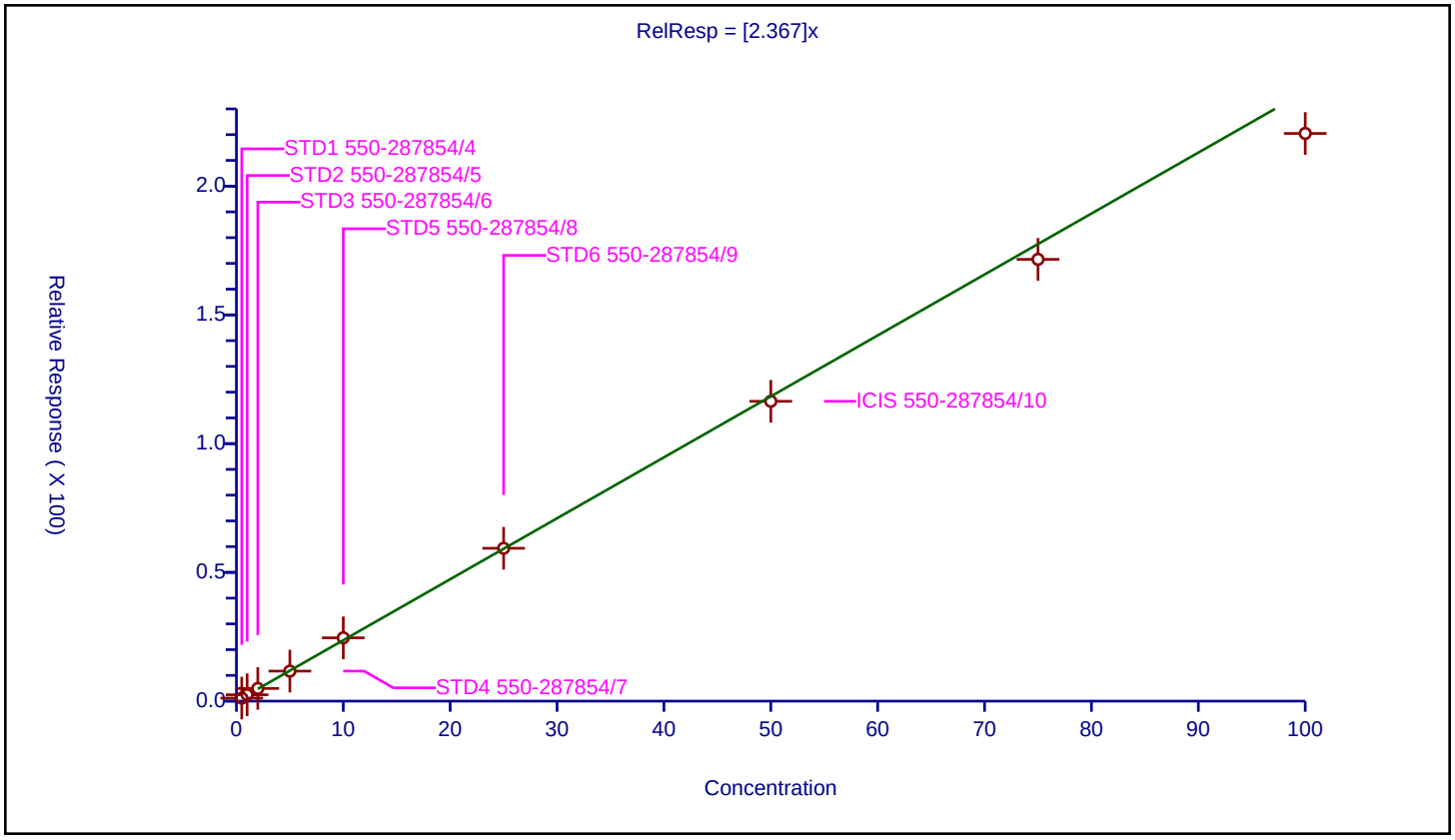
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

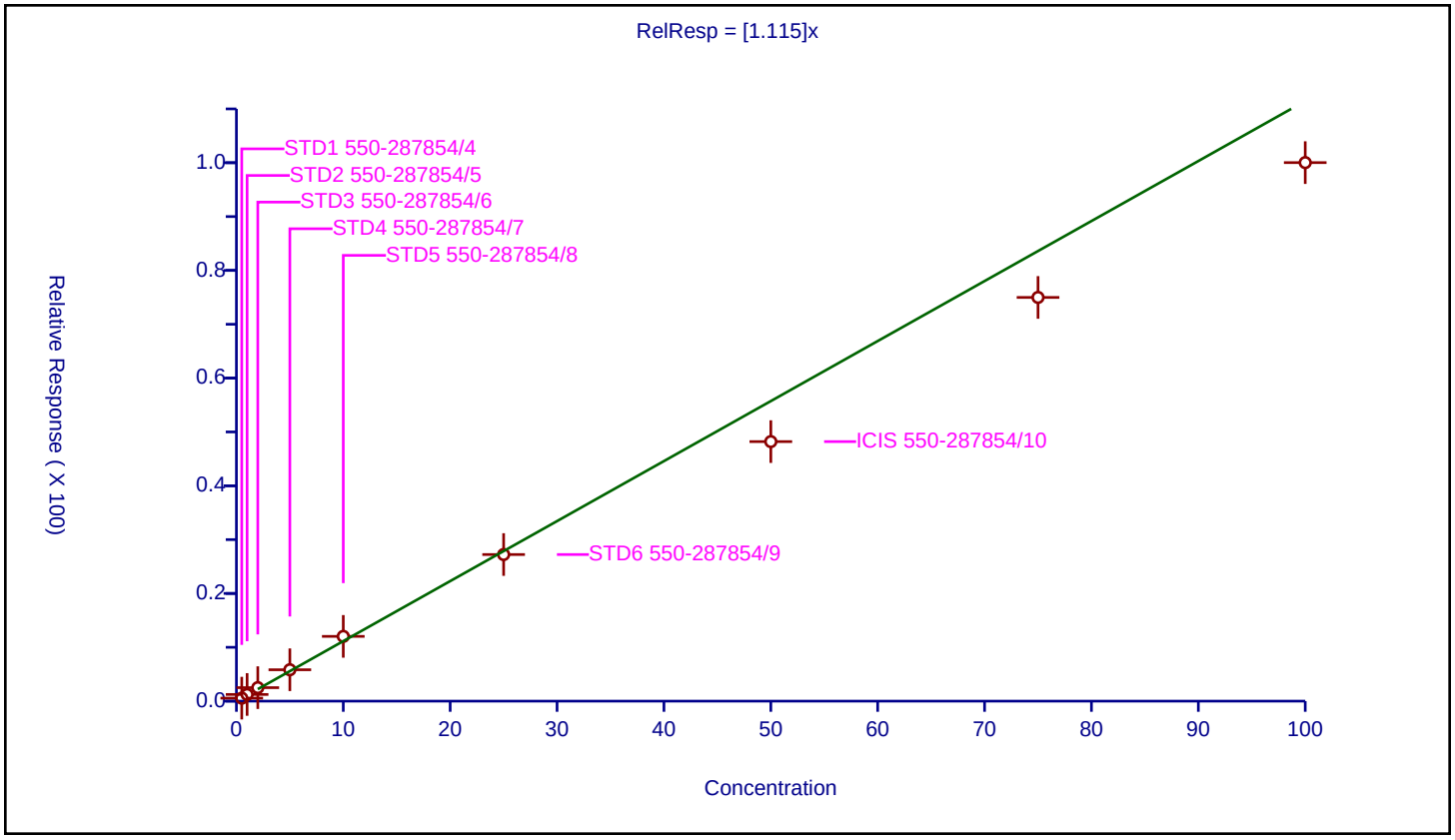
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288457/4	11112204.D
Level 2	STD2 550-288457/5	11112205.D
Level 3	STD3 550-288457/6	11112206.D
Level 4	STD4 550-288457/7	11112208.D
Level 5	STD5 550-288457/8	11112209.D
Level 6	STD6 550-288457/9	11112210.D
Level 7	ICIS 550-288457/10	11112211.D
Level 8	STD8 550-288457/11	11112212.D
Level 9	STD9 550-288457/12	11112213.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	0.1588 0.1800	0.1623 0.1790	0.1421 0.1643	0.1995 0.1632	0.2023	Ave		0.1724				11.4		15.0			
Dichlorodifluoromethane	0.2645 0.2795	0.3021 0.2749	0.2646 0.2525	0.3262 0.2510	0.3078	Ave		0.2803				9.4		15.0			
Chloromethane	0.3539 0.2969	0.3257 0.2910	0.3087 0.2746	0.3626 0.2681	0.3268	Ave		0.3120			0.1000	10.6		15.0			
Vinyl chloride	0.2664 0.2375	0.2447 0.2356	0.2405 0.2250	0.2886 0.2258	0.2750	Ave		0.2488				9.1		15.0			
Butadiene	0.2432 0.2506	0.2540 0.2459	0.2422 0.2326	0.2792 0.2312	0.2673	Ave		0.2496				6.3		15.0			
Bromomethane	0.1308 0.1401	0.1271 0.1295	0.1285 0.1119	0.1807 0.0897	0.1742	Qua	-0.017	0.1693	-0.000788			12.0			0.9990		0.9900
Chloroethane	+++++ 0.1583	0.1752 0.1444	0.1587 0.1327	0.1846 0.1274	0.1789	Ave		0.1575				13.6		15.0			
Trichlorofluoromethane	+++++ 0.3668	0.4084 0.3487	0.3549 0.3201	0.4194 0.3129	0.3902	Ave		0.3652				10.7		15.0			
Ethanol	0.0864 0.1339	0.1212 0.1314	0.1593 0.1403	0.1669 0.1396	0.1380	Lin1	-0.147	0.1384				15.1			0.9980		0.9900
1,1-Dichloroethene	0.2834 0.2591	0.2598 0.2488	0.2567 0.2312	0.3048 0.2204	0.2587	Ave		0.2581				9.7		15.0			
Acetone	+++++ 0.1261	+++++ 0.1172	+++++ 0.1084	0.1508 0.1017	0.1263	Ave		0.1217				14.1		15.0			
Freon 113	0.2612 0.2206	0.2320 0.2218	0.2267 0.2048	0.2447 0.2062	0.2484	Ave		0.2296				8.3		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.4550 0.4015	0.3958 0.3920	0.4147 0.3681	0.4576 0.3568	0.4078	Ave		0.4055				8.4		15.0			
Carbon disulfide	0.8981 0.8455	0.8222 0.8031	0.8365 0.7605	0.9338 0.7336	0.8514	Ave		0.8316				7.5		15.0			
Methylene Chloride	0.4519 0.2883	0.3596 0.2795	0.3374 0.2645	0.3299 0.2513	0.2976	Lin2	0.0874	0.2801				6.8			0.9950		0.9900
2-Methyl-2-propanol	1.2542 1.2919	1.4167 1.2738	1.4648 1.3793	1.5207 1.3527	1.3171	Lin2	-0.127	1.3745				6.9			0.9950		0.9900
trans-1,2-Dichloroethene	0.3148 0.3261	0.3455 0.3119	0.3159 0.2923	0.3528 0.2750	0.3171	Ave		0.3168				7.6		15.0			
Methyl tert-butyl ether	0.6743 0.6465	0.6384 0.6506	0.6920 0.5999	0.6796 0.6040	0.6785	Ave		0.6515				5.1		15.0			
Hexane	0.5235 0.4973	0.5143 0.4791	0.4932 0.4510	0.5219 0.4355	0.4975	Ave		0.4904				6.2		15.0			
1,1-Dichloroethane	0.6065 0.5647	0.5970 0.5426	0.5816 0.5074	0.6082 0.4859	0.5494	Ave		0.5604			0.1000	7.7		15.0			
Vinyl acetate	+++++ 0.0468	0.0484 0.0464	0.0431 0.0446	0.0438 0.0464	0.0432	Ave		0.0453				4.3		15.0			
Isopropyl ether	0.8772 0.8617	0.8512 0.8298	0.8850 0.7807	0.8867 0.7586	0.8842	Ave		0.8461				5.6		15.0			
Tert-butyl ethyl ether	0.7614 0.7630	0.8086 0.7619	0.7899 0.7107	0.8131 0.6995	0.8015	Ave		0.7677				5.3		15.0			
2-Butanone (MEK)	+++++ 0.0320	0.0329 0.0330	0.0391 0.0299	0.0301 0.0308	0.0340	Ave		0.0327				9.1		15.0			
cis-1,2-Dichloroethene	0.6026 0.5147	0.5666 0.4836	0.5364 0.4616	0.5717 0.4286	0.4943	Ave		0.5178				10.9		15.0			
2,2-Dichloropropane	0.4404 0.3996	0.4075 0.3813	0.3941 0.3558	0.4323 0.3508	0.4192	Ave		0.3979				7.9		15.0			
Chlorobromomethane	0.1605 0.1412	0.1585 0.1408	0.1435 0.1326	0.1549 0.1291	0.1396	Ave		0.1445				7.7		15.0			
Tetrahydrofuran	0.1354 0.0467	0.0873 0.0477	0.0787 0.0421	0.0524 0.0428	0.0523	Lin1	0.0503	0.0434				13.9			0.9970		0.9900
Chloroform	0.5770 0.5146	0.5474 0.4995	0.5338 0.4713	0.5469 0.4534	0.5136	Ave		0.5175				7.5		15.0			
1,1,1-Trichloroethane	0.4405 0.4023	0.4011 0.3906	0.4014 0.3645	0.4337 0.3546	0.4084	Ave		0.3997				7.0		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.5831 0.5101	0.5232 0.4753	0.5142 0.4475	0.5664 0.4289	0.4959	Ave		0.5050				10.0		15.0			
1,1-Dichloropropene	0.6875 0.6144	0.6916 0.5765	0.6066 0.5419	0.6762 0.5127	0.5708	Ave		0.6087				10.7		15.0			
Benzene	2.0988 1.7963	1.9664 1.6818	1.9080 1.5736	1.9999 1.4702	1.7266	Ave		1.8024				11.6		15.0			
1,2-Dichloroethane	0.5422 0.4733	0.5244 0.4581	0.5068 0.4383	0.5126 0.4172	0.4760	Ave		0.4832				8.6		15.0			
Tert-amyl methyl ether	1.1982 1.0884	1.0652 1.0457	1.1455 0.9729	1.1477 0.9448	1.0917	Ave		1.0778				7.6		15.0			
Trichloroethene	0.5221 0.4608	0.4904 0.4375	0.4743 0.4145	0.4864 0.3935	0.4369	Ave		0.4574				8.9		15.0			
1,2-Dichloropropane	0.4407 0.4052	0.4505 0.3933	0.4263 0.3776	0.4399 0.3649	0.3955	Ave		0.4104				7.4		15.0			
Dibromomethane	0.2148 0.2116	0.2401 0.2074	0.2200 0.1991	0.2230 0.1932	0.2084	Ave		0.2131				6.5		15.0			
Dichlorobromomethane	0.5740 0.5295	0.5448 0.5114	0.5452 0.4916	0.5553 0.4760	0.5100	Ave		0.5264				6.0		15.0			
2-Chloroethyl vinyl ether	0.1577 0.1487	0.1427 0.1537	0.1510 0.1502	0.1402 0.1525	0.1526	Ave		0.1499				3.6		15.0			
cis-1,3-Dichloropropene	0.6593 0.6315	0.6514 0.6216	0.6323 0.5990	0.6291 0.5876	0.6228	Ave		0.6261				3.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.3396 0.3112	0.3484 0.3139	0.3401 0.2908	0.3155 0.2847	0.3181	Ave		0.3180				6.8		15.0			
Toluene	1.0876 1.0245	1.0698 0.9772	1.0128 0.9239	1.0576 0.8826	0.9996	Ave		1.0040				6.7		15.0			
trans-1,3-Dichloropropene	0.5020 0.5012	0.5203 0.5025	0.5033 0.4849	0.4983 0.4815	0.4976	Ave		0.4991				2.2		15.0			
1,1,2-Trichloroethane	0.2619 0.2816	0.3062 0.2772	0.2959 0.2679	0.2802 0.2625	0.2794	Ave		0.2792				5.3		15.0			
Tetrachloroethene	0.3678 0.3547	0.3959 0.3456	0.3755 0.3258	0.3724 0.3081	0.3430	Ave		0.3543				7.6		15.0			
1,3-Dichloropropane	0.5165 0.4756	0.5280 0.4790	0.5114 0.4577	0.4743 0.4581	0.4863	Ave		0.4874				5.2		15.0			
Methyl n-butyl ketone (MNBK)	0.2121 0.1985	0.2122 0.2041	0.2169 0.1876	0.1956 0.1880	0.2120	Ave		0.2030				5.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3423 0.3157	0.3301 0.3156	0.3262 0.3098	0.3203 0.3033	0.3091	Ave		0.3191				3.8		15.0			
1,2-Dibromoethane	0.3101 0.2599	0.2987 0.2614	0.2787 0.2524	0.2600 0.2499	0.2717	Ave		0.2714				7.7		15.0			
Chlorobenzene	1.1000 0.9923	1.0681 0.9588	1.0216 0.9149	1.0300 0.8739	0.9935	Ave		0.9948			0.3000	7.2		15.0			
1,1,1,2-Tetrachloroethane	0.3455 0.3413	0.3386 0.3273	0.3414 0.3124	0.3599 0.3020	0.3382	Ave		0.3341				5.3		15.0			
Ethylbenzene	1.9766 1.7562	1.8538 1.6432	1.7516 1.5090	1.8680 1.4178	1.7549	Ave		1.7257				10.3		15.0			
m-Xylene & p-Xylene	1.4838 1.4769	1.4117 1.4496	1.3663 1.3887	1.4501 1.3985	1.4057	Ave		1.4257				2.9		15.0			
o-Xylene	1.4403 1.4486	1.4337 1.4094	1.3792 1.3457	1.4475 1.3345	1.3637	Ave		1.4003				3.2		15.0			
Styrene	2.1527 2.2427	2.1017 2.2150	2.0426 2.1159	2.1155 2.1252	2.1425	Ave		2.1393				2.8		15.0			
Bromoform	0.3521 0.3790	0.3420 0.3847	0.3492 0.3795	0.3519 0.3931	0.3634	Ave		0.3661			0.1000	5.0		15.0			
Isopropylbenzene	3.4533 3.7010	3.5065 3.4854	3.3533 3.2402	3.7241 3.1513	3.5687	Ave		3.4649				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.6915 0.6851	0.6921 0.6697	0.7155 0.6398	0.6750 0.6564	0.6667	Ave		0.6769			0.3000	3.3		15.0			
Bromobenzene	0.7761 0.7905	0.7566 0.7894	0.7840 0.7648	0.7848 0.7728	0.7586	Ave		0.7753				1.7		15.0			
trans-1,4-Dichloro-2-butene	0.1822 0.1676	0.1613 0.1670	0.1570 0.1596	0.1672 0.1624	0.1753	Lin2	0.0061	0.1640				4.5			0.9980		0.9900
1,2,3-Trichloropropane	0.2259 0.2030	0.2100 0.1973	0.2211 0.1869	0.1952 0.1911	0.2015	Ave		0.2036				6.5		15.0			
N-Propylbenzene	4.2516 4.2419	4.2323 3.9792	4.0166 3.6530	4.3700 3.4913	4.1360	Ave		4.0413				7.3		15.0			
2-Chlorotoluene	2.9714 2.8655	2.7797 2.7535	2.8020 2.5846	2.9530 2.5421	2.8019	Ave		2.7837				5.2		15.0			
1,3,5-Trimethylbenzene	2.8262 2.9869	2.7835 2.8175	2.7551 2.6627	3.0388 2.5966	2.8778	Ave		2.8161				5.0		15.0			
4-Chlorotoluene	2.5386 2.4095	2.4245 2.3559	2.3786 2.2527	2.4888 2.2025	2.3871	Ave		2.3820				4.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.2569 2.7044	2.4334 2.6211	2.3313 2.4620	2.6286 2.4432	2.5724	Ave		2.4948				5.9		15.0			
1,2,4-Trimethylbenzene	2.8706 2.9486	2.8083 2.8054	2.8496 2.6339	3.0477 2.5571	2.8607	Ave		2.8202				5.3		15.0			
sec-Butylbenzene	3.2871 3.5487	3.3646 3.3793	3.2089 3.1521	3.5898 3.0742	3.4745	Ave		3.3421				5.3		15.0			
1,3-Dichlorobenzene	1.7231 1.5456	1.6267 1.5124	1.5566 1.4356	1.6145 1.4087	1.5454	Ave		1.5521				6.2		15.0			
4-Isopropyltoluene	3.0108 3.2232	3.0376 3.0745	2.9683 2.8811	3.2956 2.7994	3.1765	Ave		3.0519				5.3		15.0			
1,4-Dichlorobenzene	1.7339 1.5183	1.6255 1.4845	1.6260 1.4131	1.6220 1.3820	1.5279	Ave		1.5481				7.3		15.0			
n-Butylbenzene	3.0787 2.9859	2.9390 2.8248	2.7938 2.6388	3.0855 2.5231	2.9150	Ave		2.8650				6.7		15.0			
1,2-Dichlorobenzene	1.6237 1.4604	1.5677 1.4113	1.4713 1.3439	1.5087 1.3332	1.4467	Ave		1.4630				6.5		15.0			
1,2-Dibromo-3-Chloropropane	0.1339 0.1228	0.1215 0.1280	0.1477 0.1167	0.1291 0.1211	0.1390	Ave		0.1289				7.7		15.0			
1,2,4-Trichlorobenzene	1.2789 1.0274	1.1439 1.0095	1.1215 0.9563	1.1206 0.9507	1.0565	Ave		1.0739				9.7		15.0			
Hexachlorobutadiene	0.5919 0.6004	0.6157 0.5904	0.6041 0.5787	0.6279 0.5891	0.6195	Ave		0.6020				2.7		15.0			
Naphthalene	2.5611 2.2739	2.5246 2.2668	2.4818 2.1292	2.4030 2.2134	2.3928	Ave		2.3607				6.3		15.0			
1,2,3-Trichlorobenzene	1.0710 0.9464	1.0623 0.9561	1.0536 0.9024	1.0554 0.9379	0.9883	Ave		0.9970				6.5		15.0			
Dibromofluoromethane (Surr)	0.2564 0.2481	0.2662 0.2423	0.2306 0.2241	0.2416 0.2203	0.2425	Ave		0.2413				6.1		15.0			
Toluene-d8 (Surr)	1.6576 1.4508	1.5529 1.3671	1.4214 1.2516	1.4155 1.1987	1.4214	Ave		1.4152				9.8		15.0			
4-Bromofluorobenzene (Surr)	1.3019 0.9439	1.0237 0.9362	0.8653 0.8827	0.8587 0.8984	0.9178	Lin2	0.1495	0.8781				6.9			0.9950		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288457/4	11112204.D
Level 2	STD2 550-288457/5	11112205.D
Level 3	STD3 550-288457/6	11112206.D
Level 4	STD4 550-288457/7	11112208.D
Level 5	STD5 550-288457/8	11112209.D
Level 6	STD6 550-288457/9	11112210.D
Level 7	ICIS 550-288457/10	11112211.D
Level 8	STD8 550-288457/11	11112212.D
Level 9	STD9 550-288457/12	11112213.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Ave	3813	7740	13845	44499	91743	0.500	1.00	2.00	5.00	10.0
			226288	446282	615409	795230		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	6349	14412	25790	72760	139628	0.500	1.00	2.00	5.00	10.0
			351385	685609	945641	1222631		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	8497	15535	30085	80870	148219	0.500	1.00	2.00	5.00	10.0
			373351	725814	1028515	1306239		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	6396	11670	23434	64368	124754	0.500	1.00	2.00	5.00	10.0
			298647	587648	842722	1099957		25.0	50.0	75.0	100	
Butadiene	FB	Ave	5839	12118	23599	62277	121252	0.500	1.00	2.00	5.00	10.0
			315044	613266	871173	1126151		25.0	50.0	75.0	100	
Bromomethane	FB	Qua	3139	6062	12523	40298	79007	0.500	1.00	2.00	5.00	10.0
			176104	322885	419217	437026		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	+++++	8359	15464	41168	81136	+++++	1.00	2.00	5.00	10.0
			199018	360176	497088	620701		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	+++++	19481	34590	93541	176993	+++++	1.00	2.00	5.00	10.0
			461267	869500	1198584	1524148		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	1020	2731	8321	15986	32302	10.0	20.0	40.0	100	200
			77961	159970	210417	283680		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	6803	12394	25016	67973	117350	0.500	1.00	2.00	5.00	10.0
			325791	620343	865765	1073827		25.0	50.0	75.0	100	
Acetone	CBNZ d5	Ave	+++++	+++++	+++++	21510	40156	+++++	+++++	+++++	5.00	10.0
			106472	202316	279700	347721		25.0	50.0	75.0	100	
Freon 113	FB	Ave	6271	11068	22092	54579	112690	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			277436	553200	766834	1004675		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	10924 504787	18881 977586	40417 1378460	102051 1738450	184963	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	21562 1063118	39221 2002855	81520 2847792	208261 3573638	386219	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin2	10849 362458	17153 697032	32877 990427	73574 1224476	134975	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3700 188099	7980 387698	19124 516992	36416 687347	77061	2.50 125	5.00 250	10.0 375	25.0 500	50.0
trans-1,2-Dichloroethene	FB	Ave	7557 410012	16481 777699	30789 1094622	78678 1339576	143847	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methyl tert-butyl ether	FB	Ave	16188 812882	30453 1622364	67435 2246384	151582 2942332	307767	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	12568 625306	24532 1194858	48067 1688930	116398 2121650	225680	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	14561 710058	28477 1353085	56676 1900325	135648 2366944	249201	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	+++++ 58861	2309 115589	4196 166835	9762 225815	19590	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	21059 1083458	40604 2069445	86251 2923519	197767 3695580	401078	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	18279 959446	38572 1900079	76978 2661585	181345 3407709	363584	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 40273	1569 82337	3815 112076	6718 150200	15423	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	9211 434731	17445 834702	34557 1191216	81562 1465202	157159	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10573 502489	19436 951000	38405 1332370	96412 1708888	190134	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3853 177584	7562 351023	13984 496411	34554 628743	63341	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	2070 39437	2687 82365	5073 108730	7479 146437	16638	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	13851 647119	26111 1245730	52024 1765066	121986 2208809	232990	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	10575 505913	19131 974051	39117 1365182	96722 1727588	185240	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	8914 430785	16108 820422	33127 1155015	80797 1466305	157662	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	10509 518895	21291 995037	39082 1398550	96466 1752624	181470	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	32083 1517050	60540 2902905	122919 4061082	285289 5026214	548951	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	8289 399720	16143 790745	32653 1131187	73126 1426221	151337	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	18316 919217	32794 1804918	73799 2510832	163720 3229966	347080	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7981 389190	15097 755206	30559 1069711	69386 1345199	138899	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	6737 342207	13870 678932	27464 974583	62752 1247459	125748	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3284 178750	7392 358003	14171 513784	31812 660351	66258	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	8774 447205	16772 882697	35124 1268785	79212 1627357	162130	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2410 125615	4393 265254	9731 387598	20000 521354	48528	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	10078	20055	40735	89737	198022	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			533369	1072895	1545895	2008765		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	5191	10726	21909	45003	101149	0.500	1.00	2.00	5.00	10.0
			262825	541759	750557	973379		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16626	32936	65250	150864	317816	0.500	1.00	2.00	5.00	10.0
			865217	1686755	2384524	3017241		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	7674	16018	32425	71084	158207	0.500	1.00	2.00	5.00	10.0
			423311	867413	1251364	1646222		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4004	9426	19066	39967	88839	0.500	1.00	2.00	5.00	10.0
			237815	478445	691409	897506		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	5623	12188	24192	53129	109039	0.500	1.00	2.00	5.00	10.0
			299547	596477	840913	1053231		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7896	16255	32944	67667	154615	0.500	1.00	2.00	5.00	10.0
			401664	826777	1181264	1566037		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	3242	6532	13973	27905	67405	0.500	1.00	2.00	5.00	10.0
			167663	352337	484252	642671		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5232	10163	21016	45689	98279	0.500	1.00	2.00	5.00	10.0
			266632	544674	799498	1036891		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	4741	9195	17956	37094	86369	0.500	1.00	2.00	5.00	10.0
			219495	451113	651471	854433		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	16815	32884	65818	146929	315849	0.500	1.00	2.00	5.00	10.0
			838070	1654857	2361316	2987490		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5282	10423	21997	51340	107524	0.500	1.00	2.00	5.00	10.0
			288238	564992	806166	1032335		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	30215	57071	112847	266483	557936	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1483208	2836242	3894545	4847148		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	11627 594612	21933 1176382	44972 1652945	104521 2113829	223190	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
o-Xylene	DCBd 4	Ave	11286 583195	22274 1143751	45398 1601769	104337 2017093	216524	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Styrene	DCBd 4	Ave	16868 902908	32653 1797549	67235 2518404	152486 3212209	340180	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromoform	DCBd 4	Ave	2759 152588	5313 312167	11494 451751	25368 594174	57702	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropylbenzene	DCBd 4	Ave	27059 1490008	54478 2828488	110378 3856690	268428 4763162	566635	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5418 275824	10752 543499	23553 761564	48650 992179	105853	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromobenzene	DCBd 4	Ave	6081 318264	11755 640640	25805 910324	56566 1168025	120456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin2	1428 67489	2506 135487	5168 189967	12054 245484	27837	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	1770 81745	3263 160089	7279 222464	14070 288836	31994	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
N-Propylbenzene	DCBd 4	Ave	33314 1707793	65755 3229244	132211 4347980	314985 5277089	656711	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chlorotoluene	DCBd 4	Ave	23283 1153643	43186 2234557	92231 3076272	212847 3842462	444890	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	22145	43245	90688	219031	456930	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1202500	2286494	3169299	3924802		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	19892	37668	78294	179391	379019	0.500	1.00	2.00	5.00	10.0
			970076	1911913	2681253	3329027		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	17684	37807	76737	189470	408451	0.500	1.00	2.00	5.00	10.0
			1088775	2127115	2930397	3692883		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	22493	43631	93797	219677	454217	0.500	1.00	2.00	5.00	10.0
			1187115	2276636	3134976	3865040		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	25757	52274	105625	258752	551685	0.500	1.00	2.00	5.00	10.0
			1428697	2742369	3751775	4646599		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	13502	25273	51237	116373	245381	0.500	1.00	2.00	5.00	10.0
			622255	1227365	1708763	2129231		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	23592	47193	97705	237547	504360	0.500	1.00	2.00	5.00	10.0
			1297658	2495076	3429197	4231243		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	13586	25254	53523	116916	242599	0.500	1.00	2.00	5.00	10.0
			611252	1204729	1681886	2088884		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	24124	45661	91962	222397	462839	0.500	1.00	2.00	5.00	10.0
			1202115	2292423	3140802	3813745		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	12723	24356	48429	108743	229698	0.500	1.00	2.00	5.00	10.0
			587944	1145314	1599607	2015080		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1049	1888	4863	9308	22073	0.500	1.00	2.00	5.00	10.0
			49431	103868	138932	183051		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	10021	17772	36915	80775	167753	0.500	1.00	2.00	5.00	10.0
			413646	819224	1138285	1436949		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	4638	9566	19885	45259	98362	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193293-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			241727	479123	688786	890501		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	20068	39224	81691	173207	379928	0.500	1.00	2.00	5.00	10.0
			915481	1839541	2534226	3345516		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	8392	16504	34681	76074	156917	0.500	1.00	2.00	5.00	10.0
			381016	775940	1074046	1417632		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	4925	10157	17982	43115	87987	0.400	0.800	1.60	4.00	8.00
			249583	483332	671303	858440		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	20271	38248	73259	161540	361535	0.400	0.800	1.60	4.00	8.00
			980198	1887726	2584162	3278371		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Lin2	8161	12724	22786	49517	116588	0.400	0.800	1.60	4.00	8.00
			304021	607801	840483	1086313		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

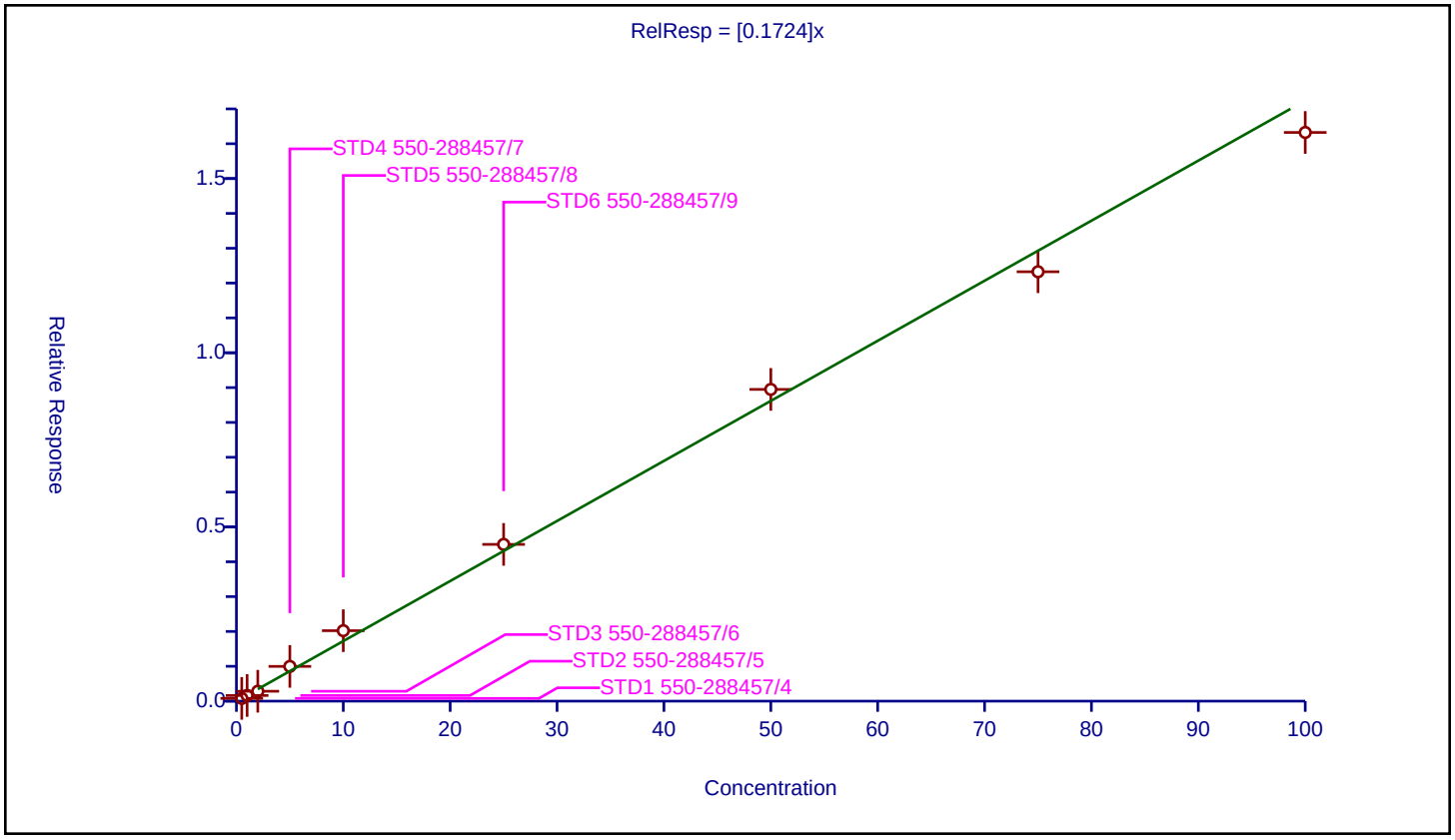
Curve Coefficients

Intercept:	0
Slope:	0.1724

Error Coefficients

Standard Error:	399000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.079414	25.0	1200357.0	0.158828	Y
2	STD2 550-288457/5	1.0	0.162265	25.0	1192497.0	0.162265	Y
3	STD3 550-288457/6	2.0	0.284131	25.0	1218189.0	0.142065	Y
4	STD4 550-288457/7	5.0	0.997592	25.0	1115160.0	0.199518	Y
5	STD5 550-288457/8	10.0	2.022514	25.0	1134022.0	0.202251	Y
6	STD6 550-288457/9	25.0	4.499136	25.0	1257397.0	0.179965	Y
7	ICIS 550-288457/10	50.0	8.947859	25.0	1246896.0	0.178957	Y
8	STD8 550-288457/11	75.0	12.32507	25.0	1248287.0	0.164334	Y
9	STD9 550-288457/12	100.0	16.323527	25.0	1217920.0	0.163235	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

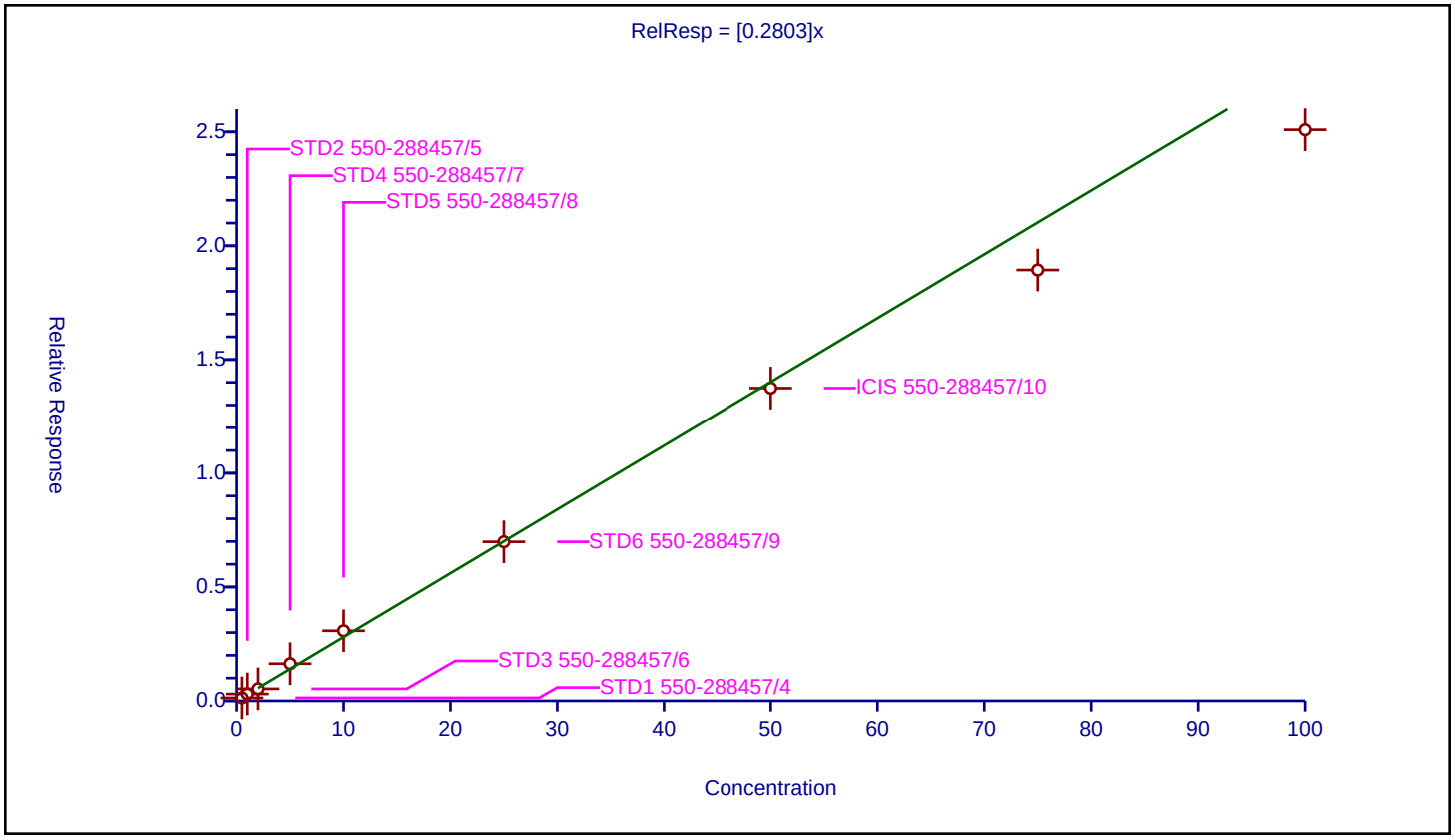
Curve Coefficients

Intercept:	0
Slope:	0.2803

Error Coefficients

Standard Error:	613000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.132231	25.0	1200357.0	0.264463	Y
2	STD2 550-288457/5	1.0	0.302139	25.0	1192497.0	0.302139	Y
3	STD3 550-288457/6	2.0	0.529269	25.0	1218189.0	0.264635	Y
4	STD4 550-288457/7	5.0	1.631156	25.0	1115160.0	0.326231	Y
5	STD5 550-288457/8	10.0	3.078159	25.0	1134022.0	0.307816	Y
6	STD6 550-288457/9	25.0	6.986358	25.0	1257397.0	0.279454	Y
7	ICIS 550-288457/10	50.0	13.746315	25.0	1246896.0	0.274926	Y
8	STD8 550-288457/11	75.0	18.938774	25.0	1248287.0	0.252517	Y
9	STD9 550-288457/12	100.0	25.096702	25.0	1217920.0	0.250967	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

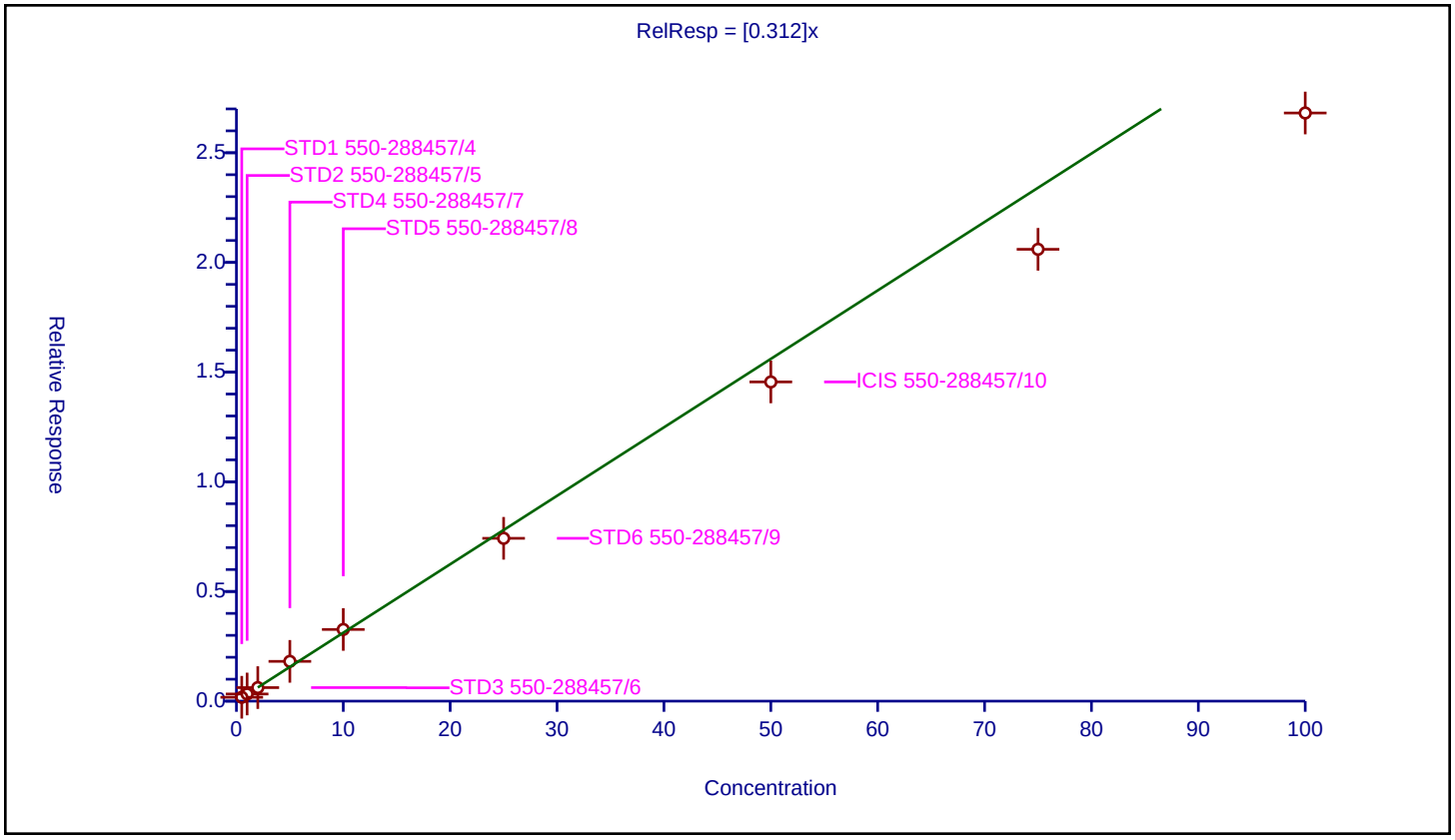
Curve Coefficients

Intercept:	0
Slope:	0.312

Error Coefficients

Standard Error:	658000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.176968	25.0	1200357.0	0.353936	Y
2	STD2 550-288457/5	1.0	0.325682	25.0	1192497.0	0.325682	Y
3	STD3 550-288457/6	2.0	0.617412	25.0	1218189.0	0.308706	Y
4	STD4 550-288457/7	5.0	1.812969	25.0	1115160.0	0.362594	Y
5	STD5 550-288457/8	10.0	3.267551	25.0	1134022.0	0.326755	Y
6	STD6 550-288457/9	25.0	7.423093	25.0	1257397.0	0.296924	Y
7	ICIS 550-288457/10	50.0	14.552417	25.0	1246896.0	0.291048	Y
8	STD8 550-288457/11	75.0	20.598528	25.0	1248287.0	0.274647	Y
9	STD9 550-288457/12	100.0	26.812906	25.0	1217920.0	0.268129	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

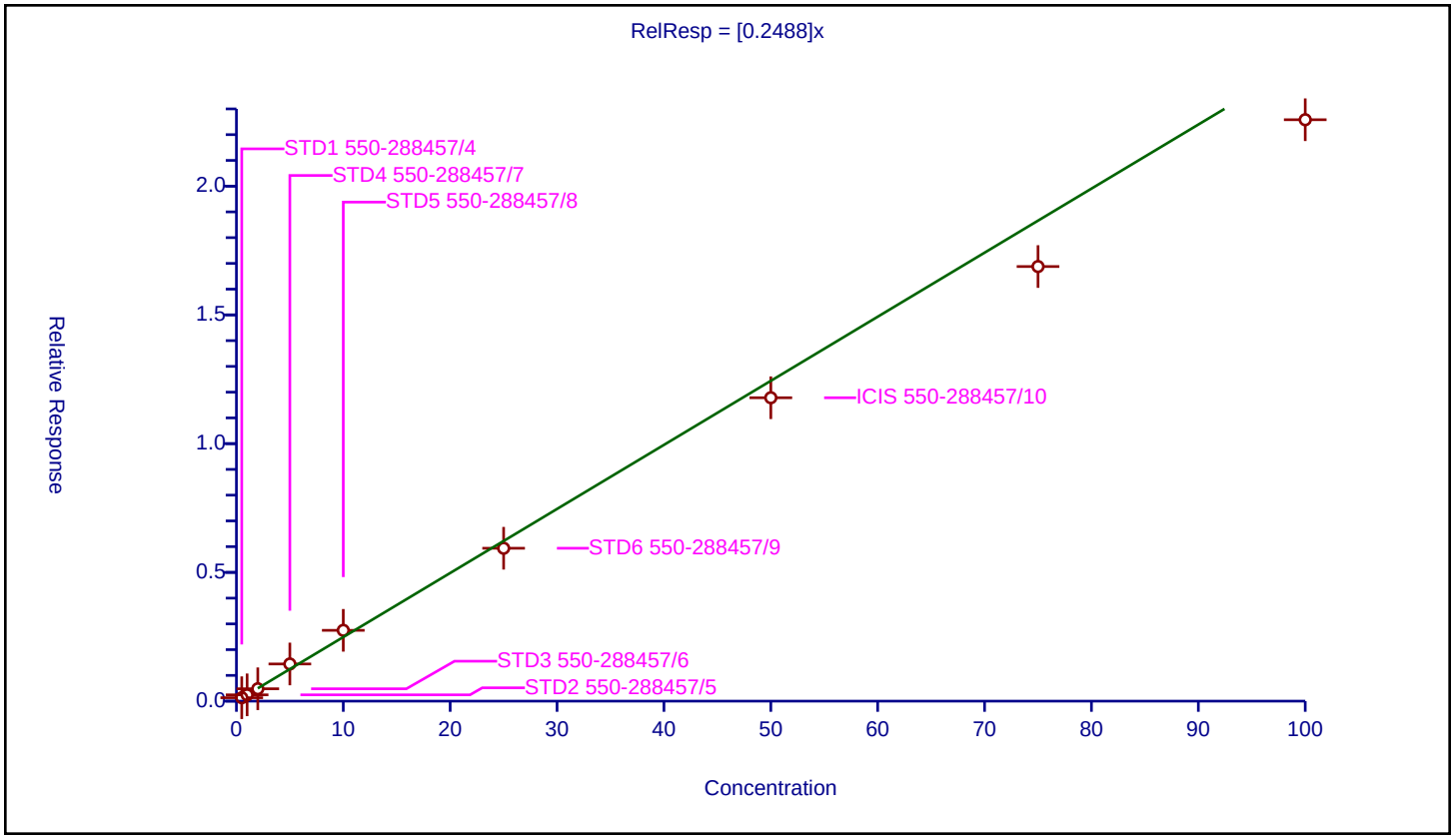
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Standard Error:	545000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.13321	25.0	1200357.0	0.266421	Y
2	STD2 550-288457/5	1.0	0.244655	25.0	1192497.0	0.244655	Y
3	STD3 550-288457/6	2.0	0.480919	25.0	1218189.0	0.240459	Y
4	STD4 550-288457/7	5.0	1.443022	25.0	1115160.0	0.288604	Y
5	STD5 550-288457/8	10.0	2.750255	25.0	1134022.0	0.275026	Y
6	STD6 550-288457/9	25.0	5.937802	25.0	1257397.0	0.237512	Y
7	ICIS 550-288457/10	50.0	11.782218	25.0	1246896.0	0.235644	Y
8	STD8 550-288457/11	75.0	16.877569	25.0	1248287.0	0.225034	Y
9	STD9 550-288457/12	100.0	22.578597	25.0	1217920.0	0.225786	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

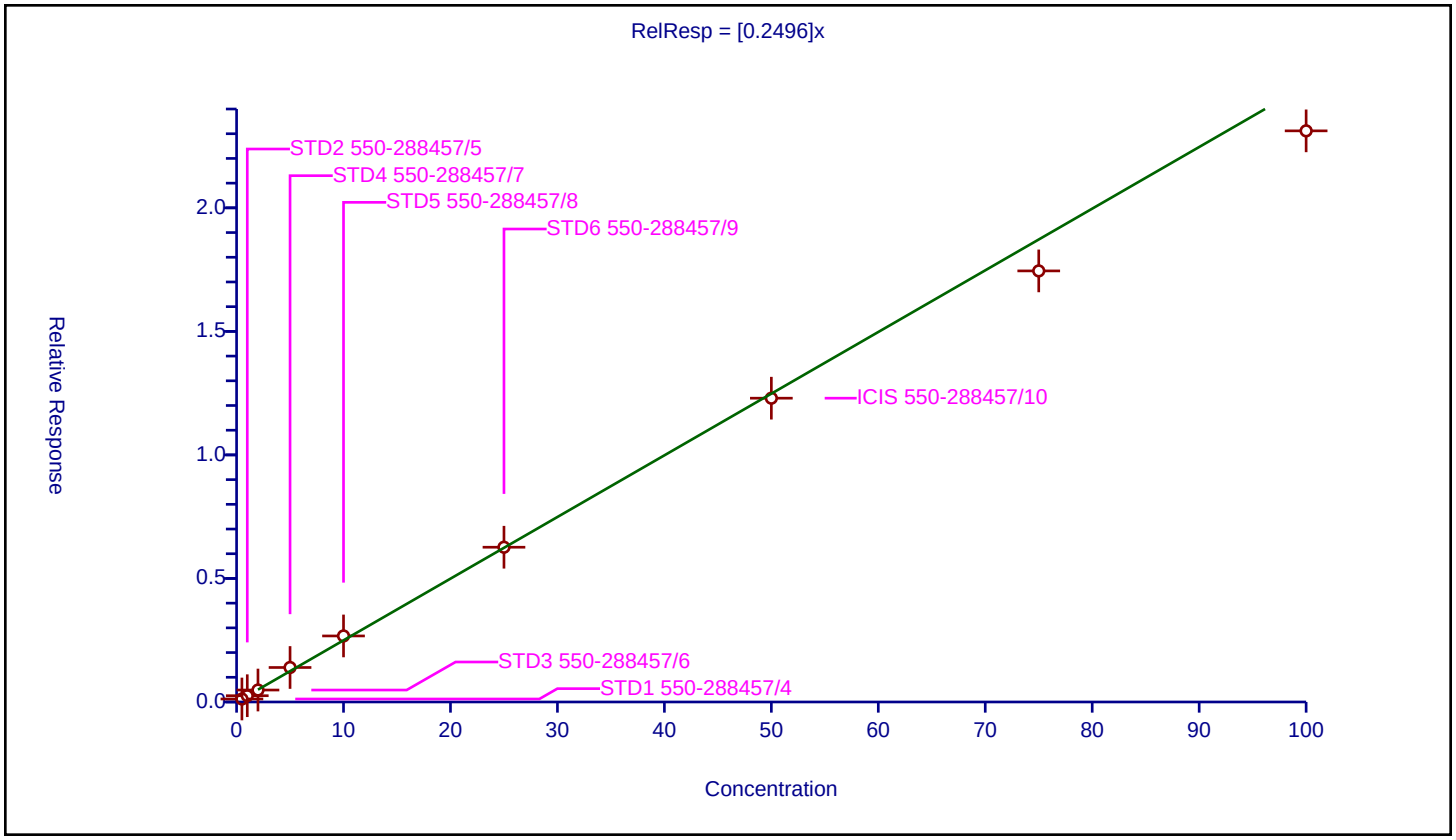
Curve Coefficients

Intercept:	0
Slope:	0.2496

Error Coefficients

Standard Error:	561000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.12161	25.0	1200357.0	0.243219	Y
2	STD2 550-288457/5	1.0	0.254047	25.0	1192497.0	0.254047	Y
3	STD3 550-288457/6	2.0	0.484305	25.0	1218189.0	0.242152	Y
4	STD4 550-288457/7	5.0	1.396145	25.0	1115160.0	0.279229	Y
5	STD5 550-288457/8	10.0	2.673052	25.0	1134022.0	0.267305	Y
6	STD6 550-288457/9	25.0	6.263813	25.0	1257397.0	0.250553	Y
7	ICIS 550-288457/10	50.0	12.295853	25.0	1246896.0	0.245917	Y
8	STD8 550-288457/11	75.0	17.44737	25.0	1248287.0	0.232632	Y
9	STD9 550-288457/12	100.0	23.116276	25.0	1217920.0	0.231163	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

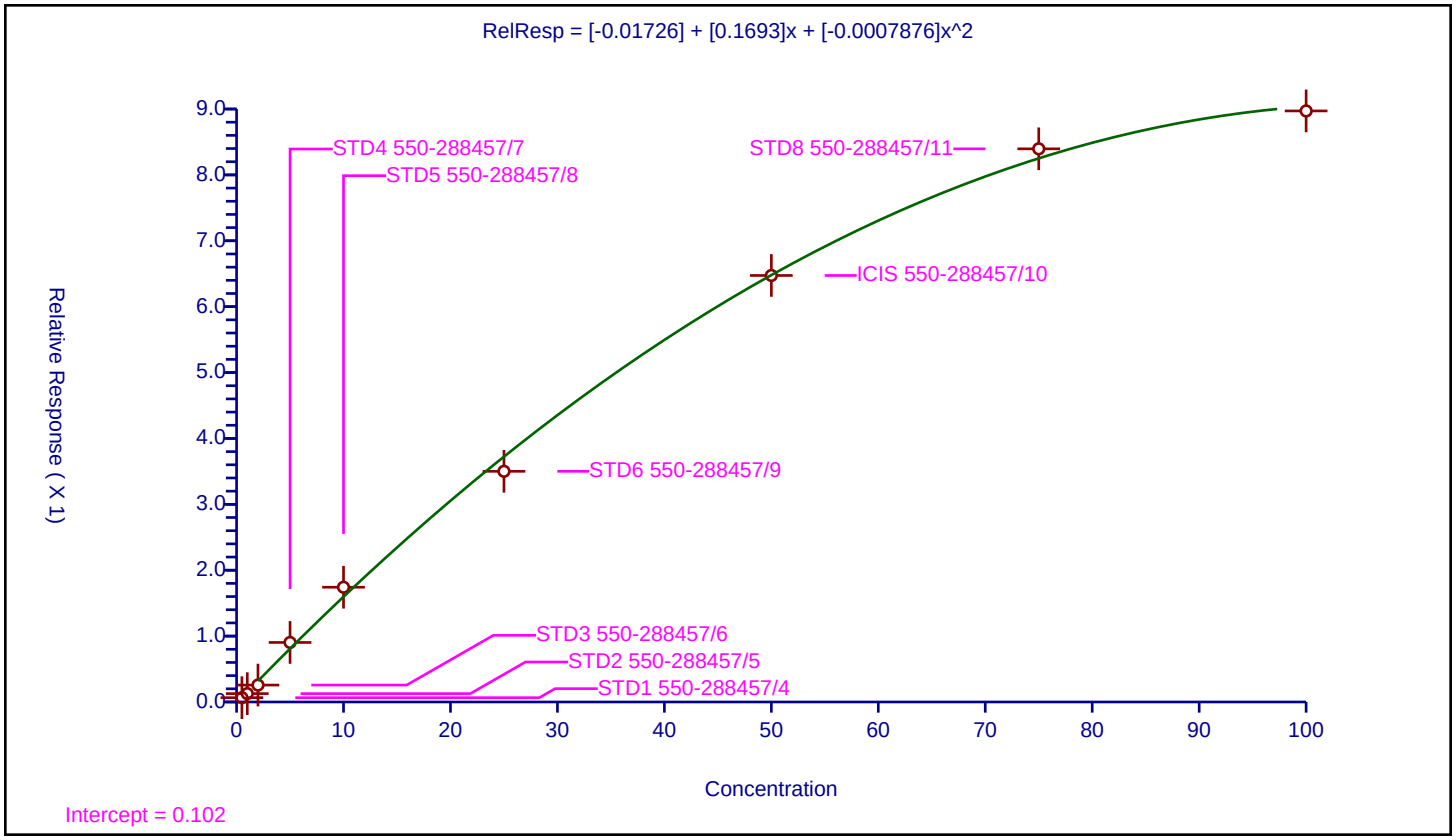
Curve Coefficients

Intercept:	-0.01726
Slope:	0.1693
Second Order:	-0.0007876

Error Coefficients

Standard Error:	292000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.065376	25.0	1200357.0	0.130753	Y
2	STD2 550-288457/5	1.0	0.127086	25.0	1192497.0	0.127086	Y
3	STD3 550-288457/6	2.0	0.257	25.0	1218189.0	0.1285	Y
4	STD4 550-288457/7	5.0	0.903413	25.0	1115160.0	0.180683	Y
5	STD5 550-288457/8	10.0	1.741743	25.0	1134022.0	0.174174	Y
6	STD6 550-288457/9	25.0	3.50136	25.0	1257397.0	0.140054	Y
7	ICIS 550-288457/10	50.0	6.473776	25.0	1246896.0	0.129476	Y
8	STD8 550-288457/11	75.0	8.395846	25.0	1248287.0	0.111945	Y
9	STD9 550-288457/12	100.0	8.970745	25.0	1217920.0	0.089707	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

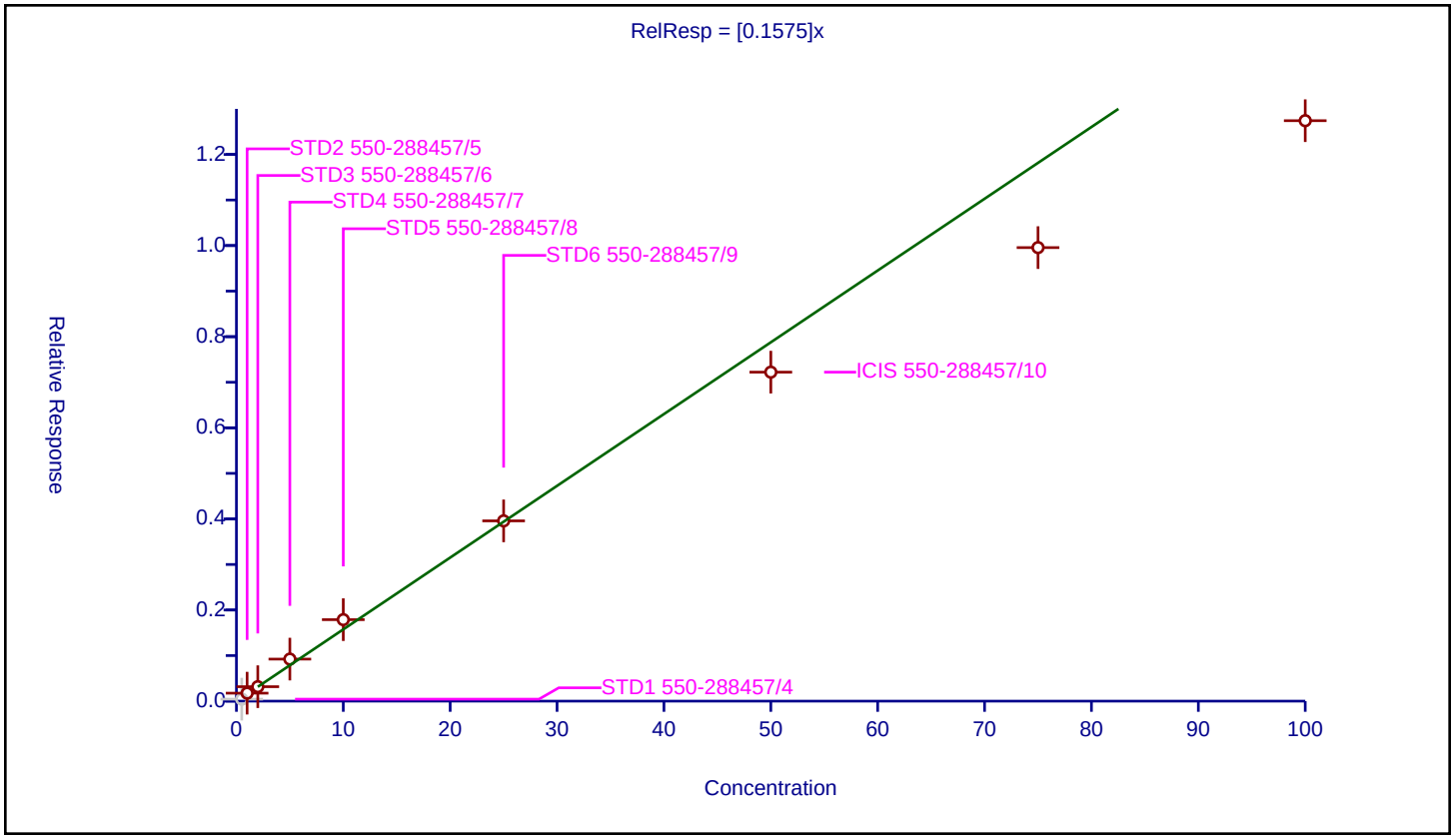
Curve Coefficients

Intercept:	0
Slope:	0.1575

Error Coefficients

Standard Error:	340000
Relative Standard Error:	13.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.043675	25.0	1200357.0	0.087349	N
2	STD2 550-288457/5	1.0	0.175242	25.0	1192497.0	0.175242	Y
3	STD3 550-288457/6	2.0	0.317356	25.0	1218189.0	0.158678	Y
4	STD4 550-288457/7	5.0	0.922917	25.0	1115160.0	0.184583	Y
5	STD5 550-288457/8	10.0	1.788678	25.0	1134022.0	0.178868	Y
6	STD6 550-288457/9	25.0	3.956944	25.0	1257397.0	0.158278	Y
7	ICIS 550-288457/10	50.0	7.221452	25.0	1246896.0	0.144429	Y
8	STD8 550-288457/11	75.0	9.955403	25.0	1248287.0	0.132739	Y
9	STD9 550-288457/12	100.0	12.741005	25.0	1217920.0	0.12741	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

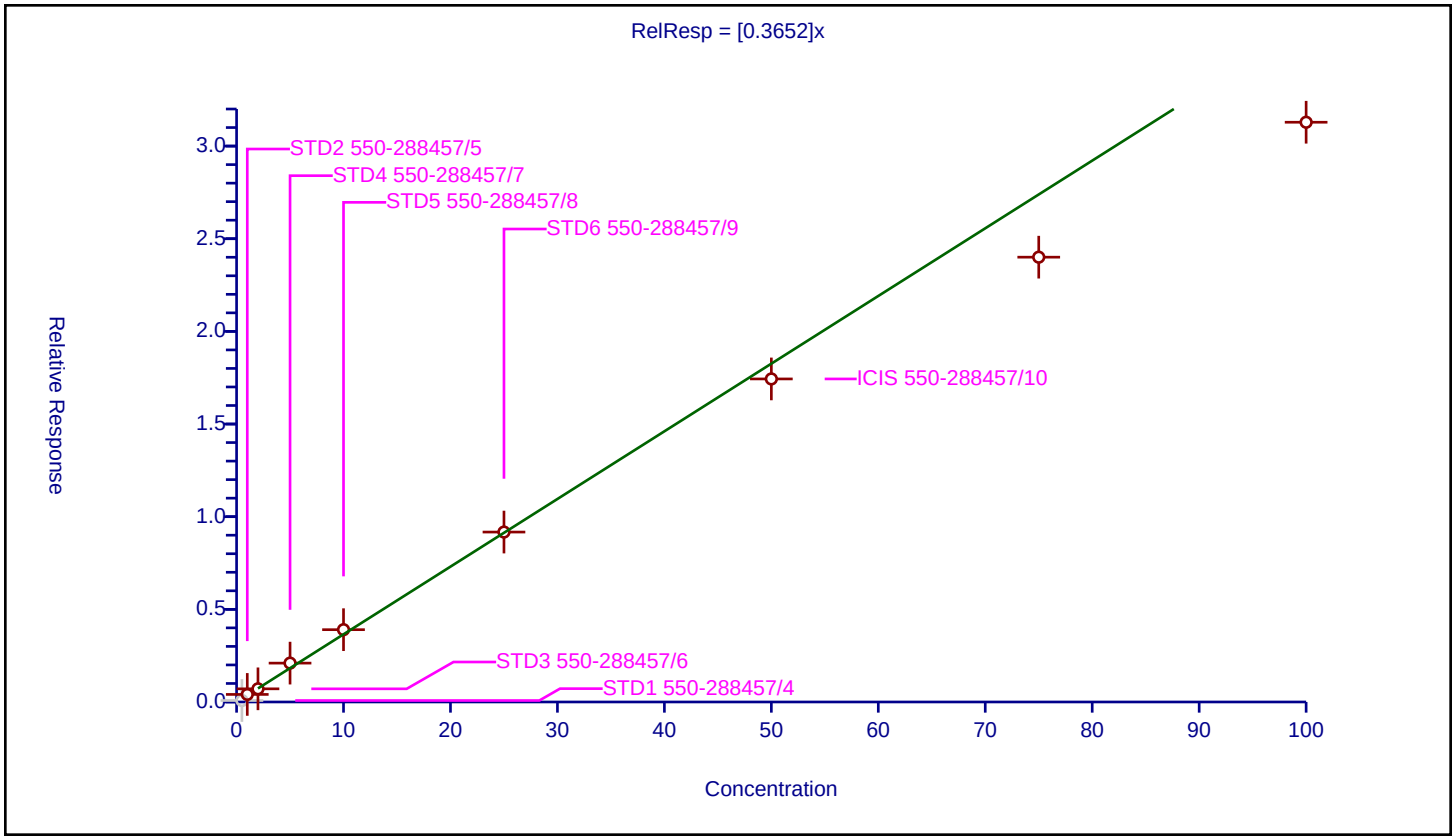
Curve Coefficients

Intercept:	0
Slope:	0.3652

Error Coefficients

Standard Error:	825000
Relative Standard Error:	10.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.080559	25.0	1200357.0	0.161119	N
2	STD2 550-288457/5	1.0	0.408408	25.0	1192497.0	0.408408	Y
3	STD3 550-288457/6	2.0	0.709865	25.0	1218189.0	0.354933	Y
4	STD4 550-288457/7	5.0	2.097031	25.0	1115160.0	0.419406	Y
5	STD5 550-288457/8	10.0	3.901886	25.0	1134022.0	0.390189	Y
6	STD6 550-288457/9	25.0	9.171069	25.0	1257397.0	0.366843	Y
7	ICIS 550-288457/10	50.0	17.43329	25.0	1246896.0	0.348666	Y
8	STD8 550-288457/11	75.0	24.004576	25.0	1248287.0	0.320061	Y
9	STD9 550-288457/12	100.0	31.285881	25.0	1217920.0	0.312859	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

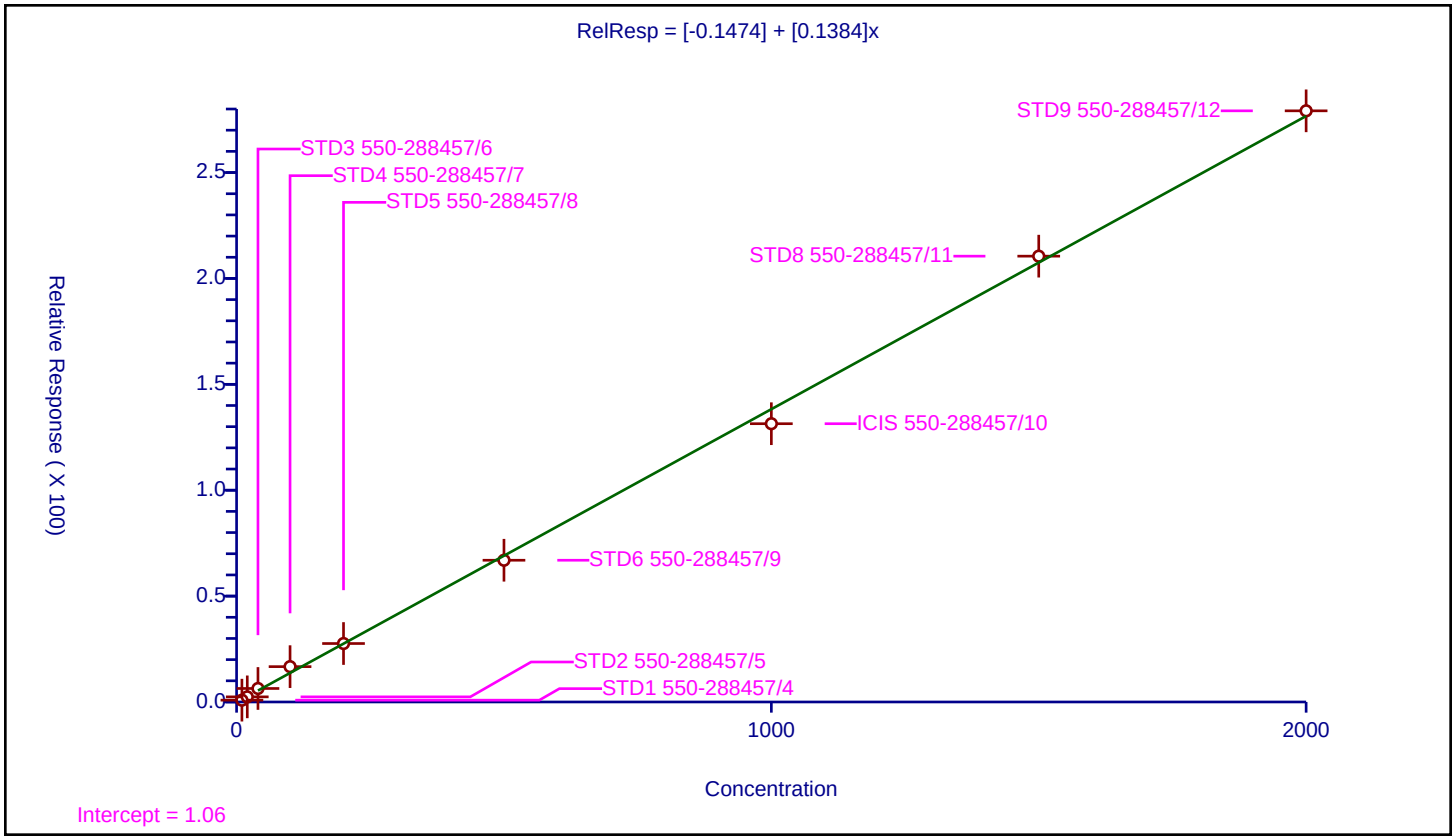
Curve Coefficients

Intercept:	-0.1474
Slope:	0.1384

Error Coefficients

Standard Error:	150000
Relative Standard Error:	15.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	10.0	0.864363	200.0	236012.0	0.086436	Y
2	STD2 550-288457/5	20.0	2.424205	200.0	225311.0	0.12121	Y
3	STD3 550-288457/6	40.0	6.373632	200.0	261107.0	0.159341	Y
4	STD4 550-288457/7	100.0	16.688938	200.0	191576.0	0.166889	Y
5	STD5 550-288457/8	200.0	27.605244	200.0	234028.0	0.138026	Y
6	STD6 550-288457/9	500.0	66.929942	200.0	232963.0	0.13386	Y
7	ICIS 550-288457/10	1000.0	131.398133	200.0	243489.0	0.131398	Y
8	STD8 550-288457/11	1500.0	210.514889	200.0	199907.0	0.140343	Y
9	STD9 550-288457/12	2000.0	279.138418	200.0	203254.0	0.139569	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

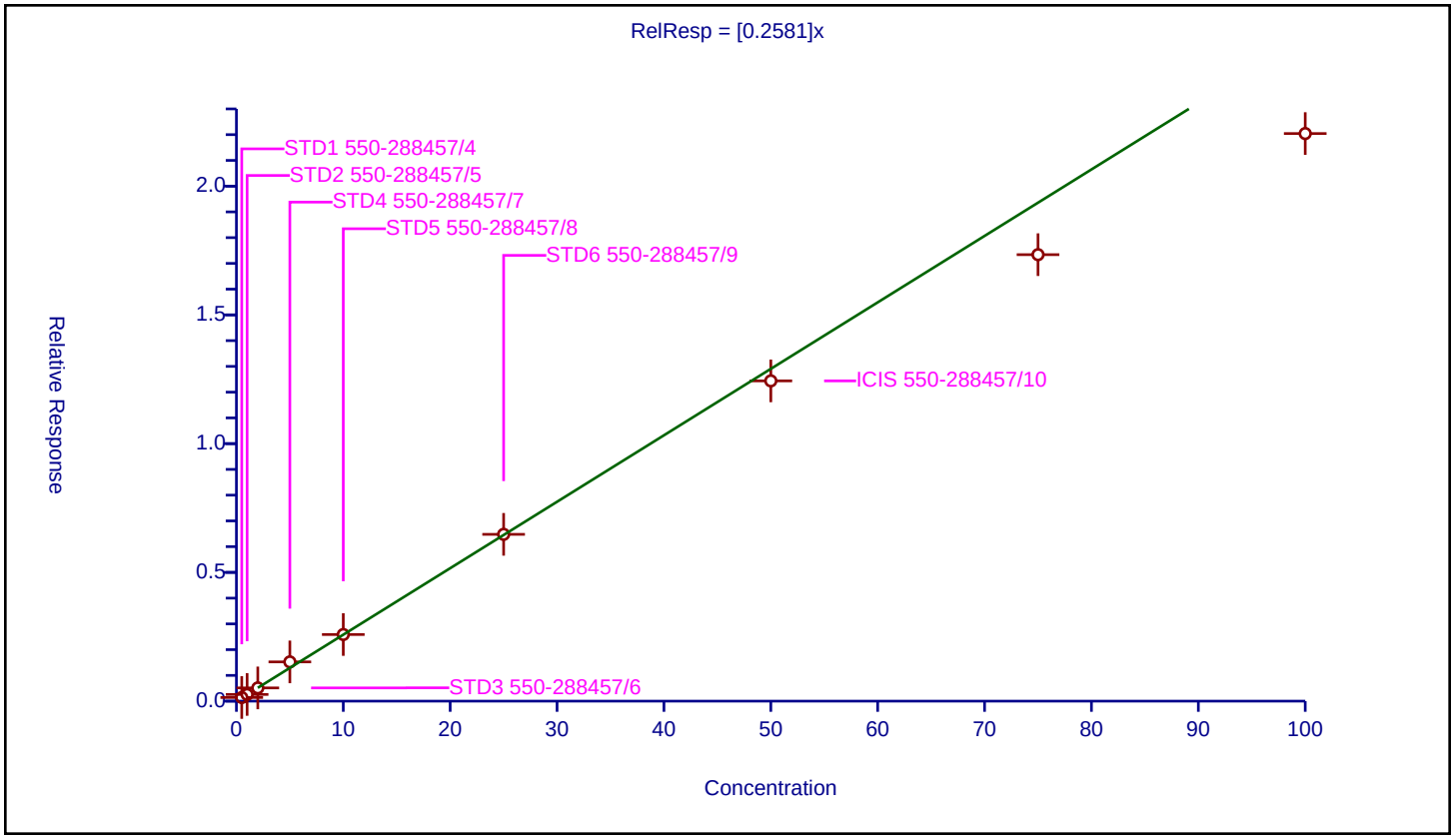
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Standard Error:	549000
Relative Standard Error:	9.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.141687	25.0	1200357.0	0.283374	Y
2	STD2 550-288457/5	1.0	0.259833	25.0	1192497.0	0.259833	Y
3	STD3 550-288457/6	2.0	0.513385	25.0	1218189.0	0.256693	Y
4	STD4 550-288457/7	5.0	1.52384	25.0	1115160.0	0.304768	Y
5	STD5 550-288457/8	10.0	2.587031	25.0	1134022.0	0.258703	Y
6	STD6 550-288457/9	25.0	6.477489	25.0	1257397.0	0.2591	Y
7	ICIS 550-288457/10	50.0	12.437745	25.0	1246896.0	0.248755	Y
8	STD8 550-288457/11	75.0	17.339061	25.0	1248287.0	0.231187	Y
9	STD9 550-288457/12	100.0	22.042232	25.0	1217920.0	0.220422	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

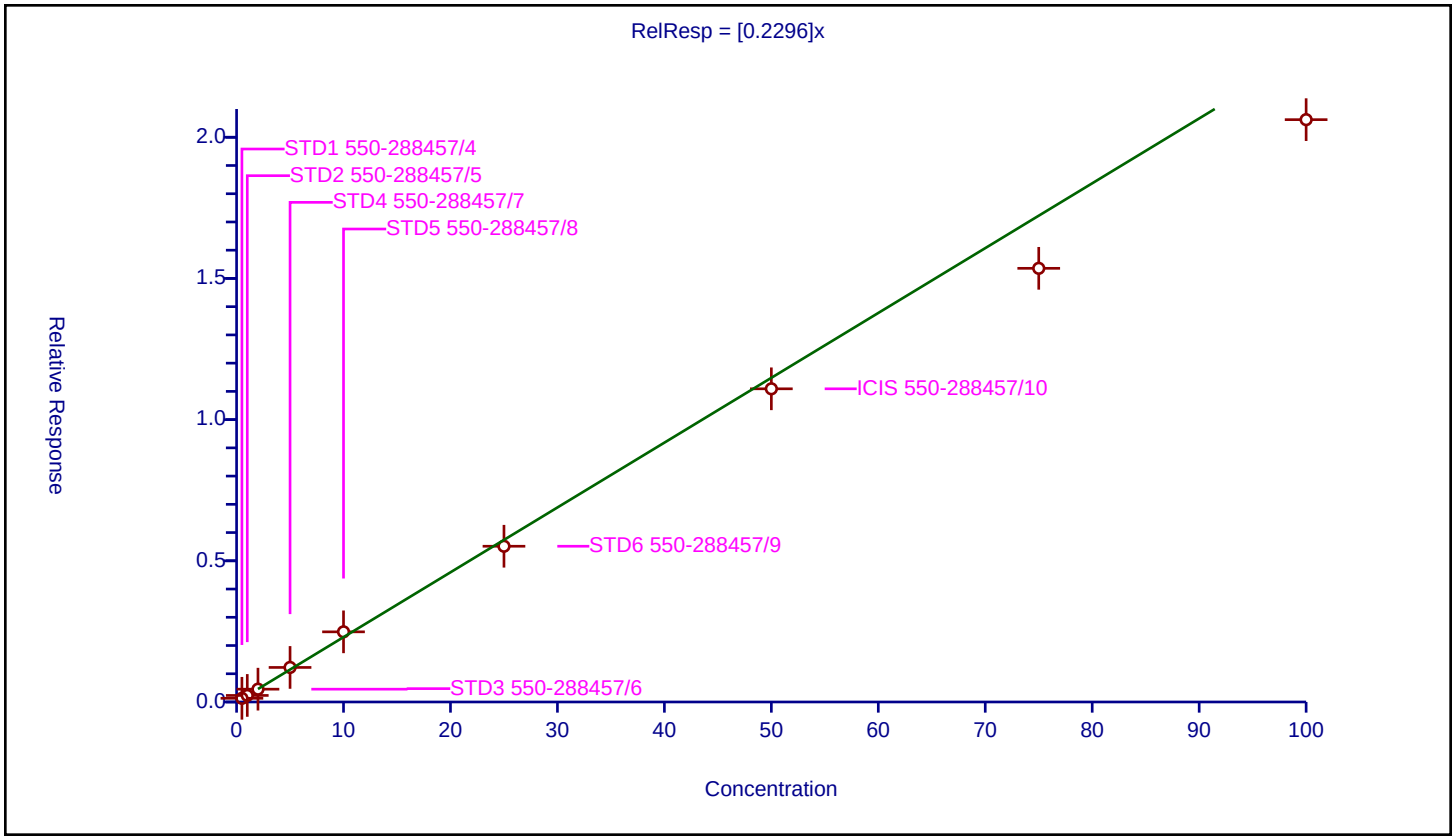
Curve Coefficients

Intercept:	0
Slope:	0.2296

Error Coefficients

Standard Error:	500000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.130607	25.0	1200357.0	0.261214	Y
2	STD2 550-288457/5	1.0	0.232034	25.0	1192497.0	0.232034	Y
3	STD3 550-288457/6	2.0	0.453378	25.0	1218189.0	0.226689	Y
4	STD4 550-288457/7	5.0	1.223569	25.0	1115160.0	0.244714	Y
5	STD5 550-288457/8	10.0	2.484299	25.0	1134022.0	0.24843	Y
6	STD6 550-288457/9	25.0	5.516078	25.0	1257397.0	0.220643	Y
7	ICIS 550-288457/10	50.0	11.091543	25.0	1246896.0	0.221831	Y
8	STD8 550-288457/11	75.0	15.357726	25.0	1248287.0	0.20477	Y
9	STD9 550-288457/12	100.0	20.622763	25.0	1217920.0	0.206228	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

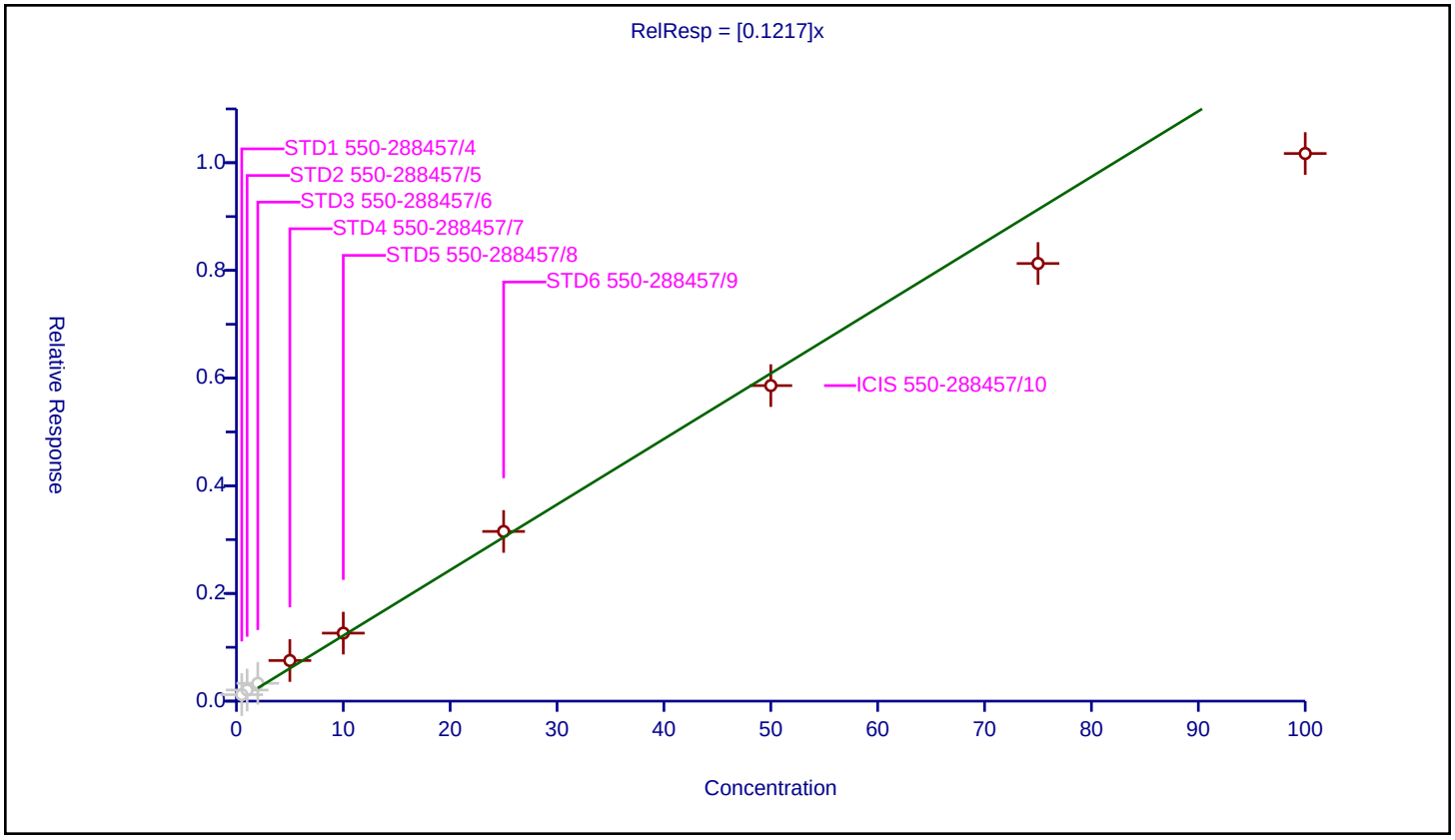
Curve Coefficients

Intercept:	0
Slope:	0.1217

Error Coefficients

Standard Error:	225000
Relative Standard Error:	14.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.120434	25.0	764322.0	0.240867	N
2	STD2 550-288457/5	1.0	0.206031	25.0	769665.0	0.206031	N
3	STD3 550-288457/6	2.0	0.331029	25.0	805293.0	0.165514	N
4	STD4 550-288457/7	5.0	0.753922	25.0	713270.0	0.150784	Y
5	STD5 550-288457/8	10.0	1.263049	25.0	794823.0	0.126305	Y
6	STD6 550-288457/9	25.0	3.1517	25.0	844560.0	0.126068	Y
7	ICIS 550-288457/10	50.0	5.860678	25.0	863023.0	0.117214	Y
8	STD8 550-288457/11	75.0	8.128205	25.0	860276.0	0.108376	Y
9	STD9 550-288457/12	100.0	10.171183	25.0	854672.0	0.101712	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

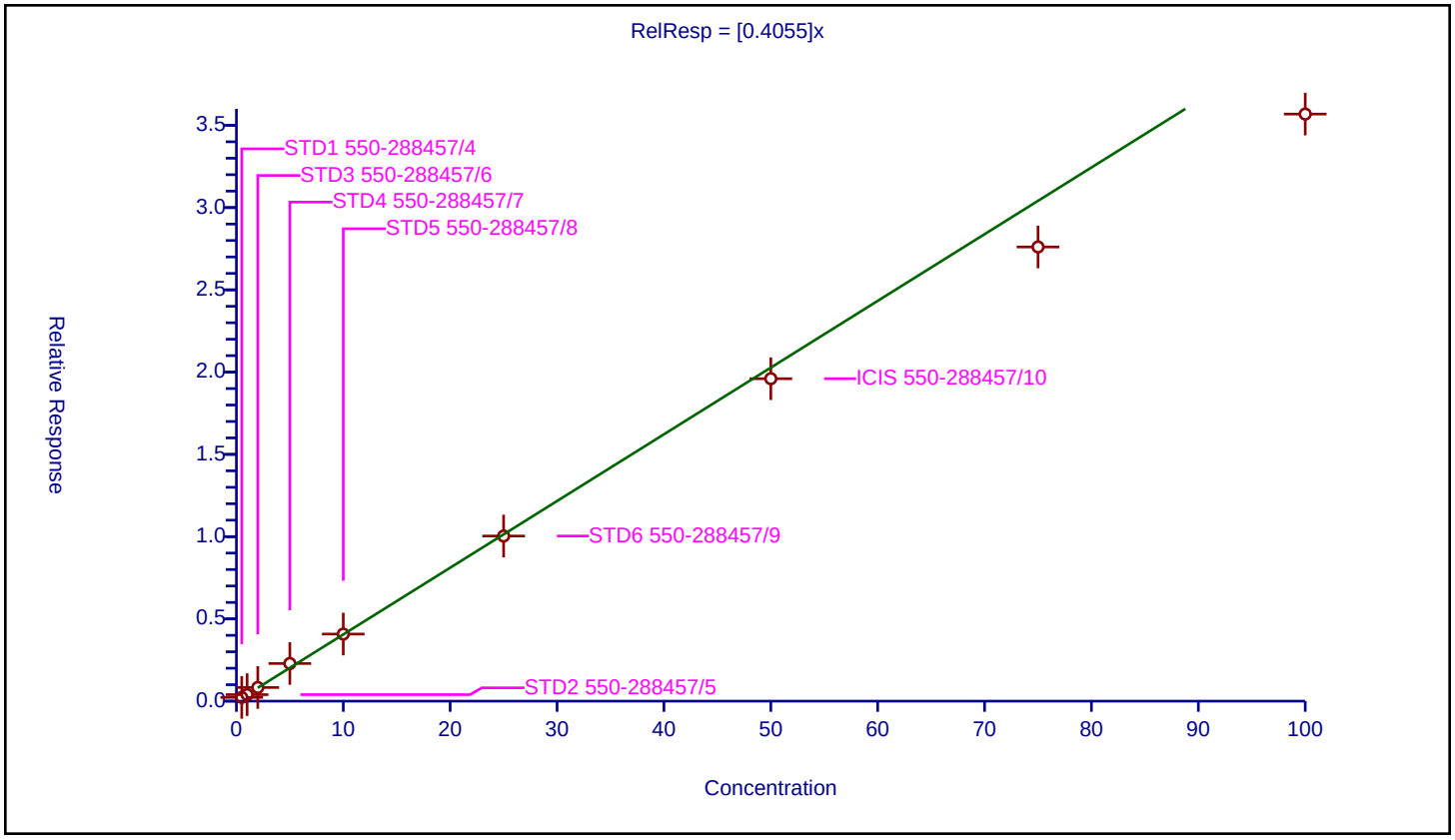
Curve Coefficients

Intercept:	0
Slope:	0.4055

Error Coefficients

Standard Error:	879000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.227516	25.0	1200357.0	0.455031	Y
2	STD2 550-288457/5	1.0	0.395829	25.0	1192497.0	0.395829	Y
3	STD3 550-288457/6	2.0	0.829448	25.0	1218189.0	0.414724	Y
4	STD4 550-288457/7	5.0	2.287811	25.0	1115160.0	0.457562	Y
5	STD5 550-288457/8	10.0	4.077588	25.0	1134022.0	0.407759	Y
6	STD6 550-288457/9	25.0	10.036349	25.0	1257397.0	0.401454	Y
7	ICIS 550-288457/10	50.0	19.600392	25.0	1246896.0	0.392008	Y
8	STD8 550-288457/11	75.0	27.607033	25.0	1248287.0	0.368094	Y
9	STD9 550-288457/12	100.0	35.684815	25.0	1217920.0	0.356848	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

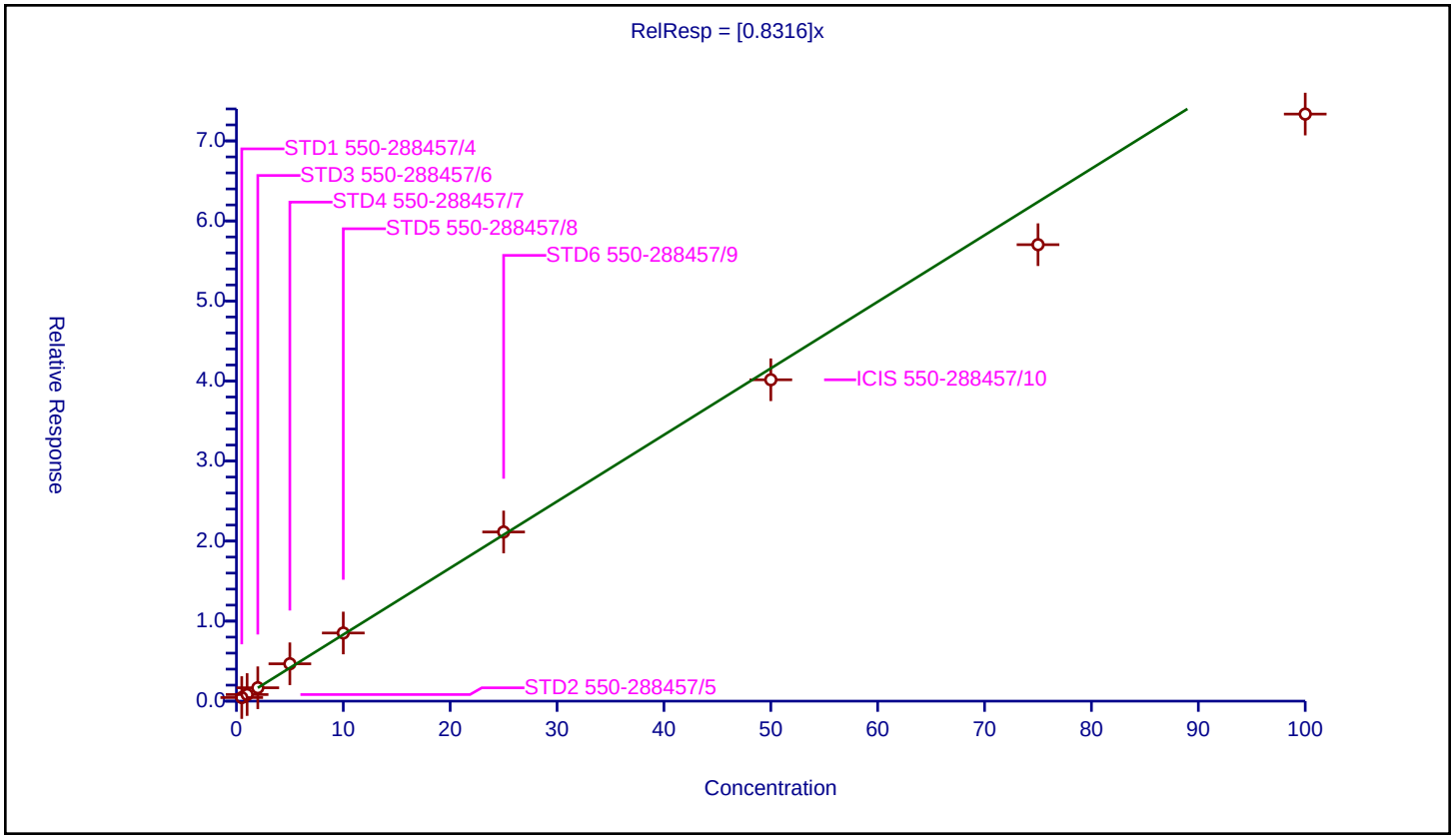
Curve Coefficients

Intercept:	0
Slope:	0.8316

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.449075	25.0	1200357.0	0.898149	Y
2	STD2 550-288457/5	1.0	0.822245	25.0	1192497.0	0.822245	Y
3	STD3 550-288457/6	2.0	1.672975	25.0	1218189.0	0.836488	Y
4	STD4 550-288457/7	5.0	4.668859	25.0	1115160.0	0.933772	Y
5	STD5 550-288457/8	10.0	8.514363	25.0	1134022.0	0.851436	Y
6	STD6 550-288457/9	25.0	21.137278	25.0	1257397.0	0.845491	Y
7	ICIS 550-288457/10	50.0	40.156817	25.0	1246896.0	0.803136	Y
8	STD8 550-288457/11	75.0	57.033999	25.0	1248287.0	0.760453	Y
9	STD9 550-288457/12	100.0	73.355352	25.0	1217920.0	0.733554	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

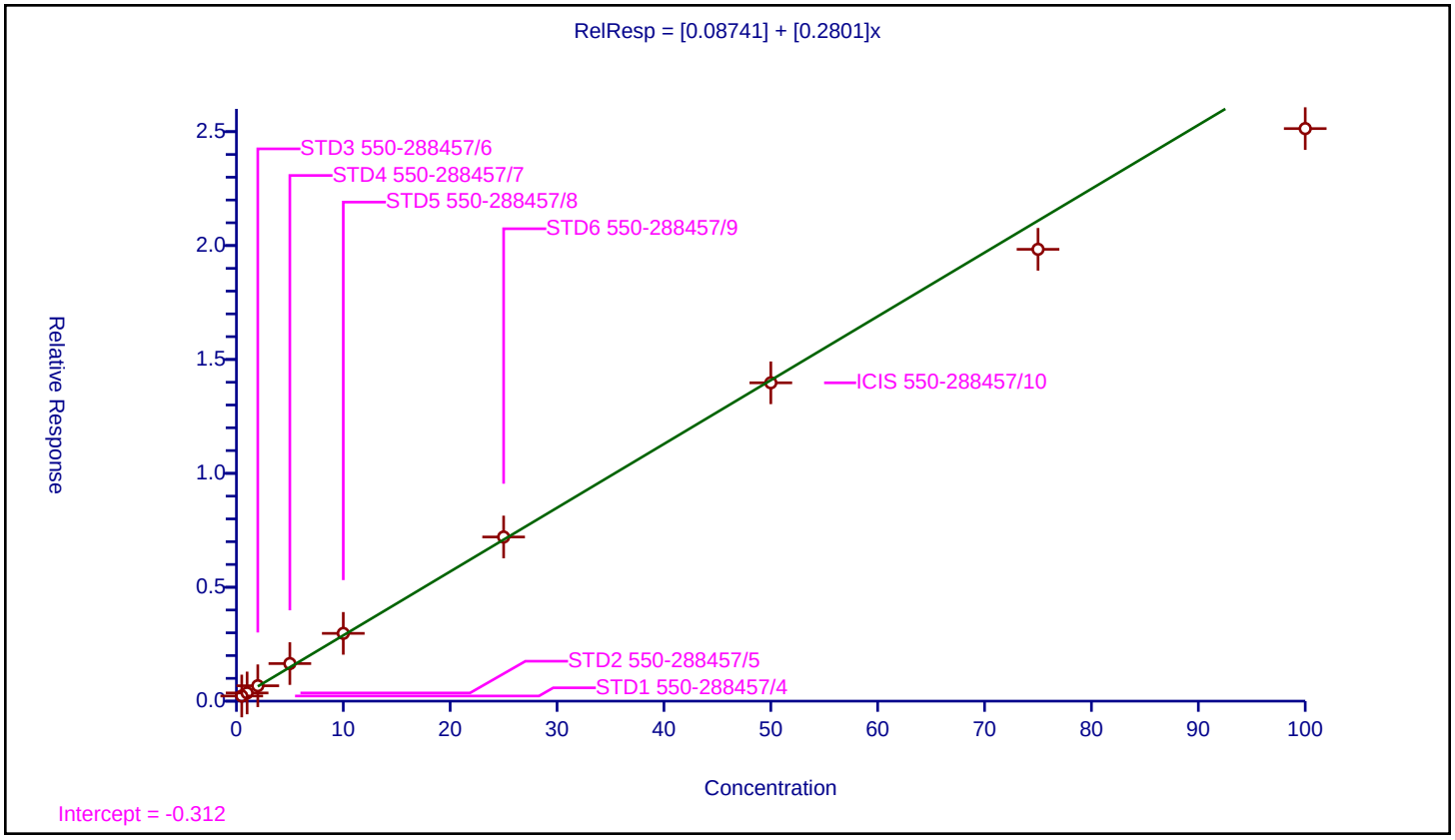
Curve Coefficients

Intercept:	0.08741
Slope:	0.2801

Error Coefficients

Standard Error:	668000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.225954	25.0	1200357.0	0.451907	Y
2	STD2 550-288457/5	1.0	0.359603	25.0	1192497.0	0.359603	Y
3	STD3 550-288457/6	2.0	0.674711	25.0	1218189.0	0.337355	Y
4	STD4 550-288457/7	5.0	1.649405	25.0	1115160.0	0.329881	Y
5	STD5 550-288457/8	10.0	2.975582	25.0	1134022.0	0.297558	Y
6	STD6 550-288457/9	25.0	7.206515	25.0	1257397.0	0.288261	Y
7	ICIS 550-288457/10	50.0	13.975344	25.0	1246896.0	0.279507	Y
8	STD8 550-288457/11	75.0	19.835723	25.0	1248287.0	0.264476	Y
9	STD9 550-288457/12	100.0	25.134574	25.0	1217920.0	0.251346	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

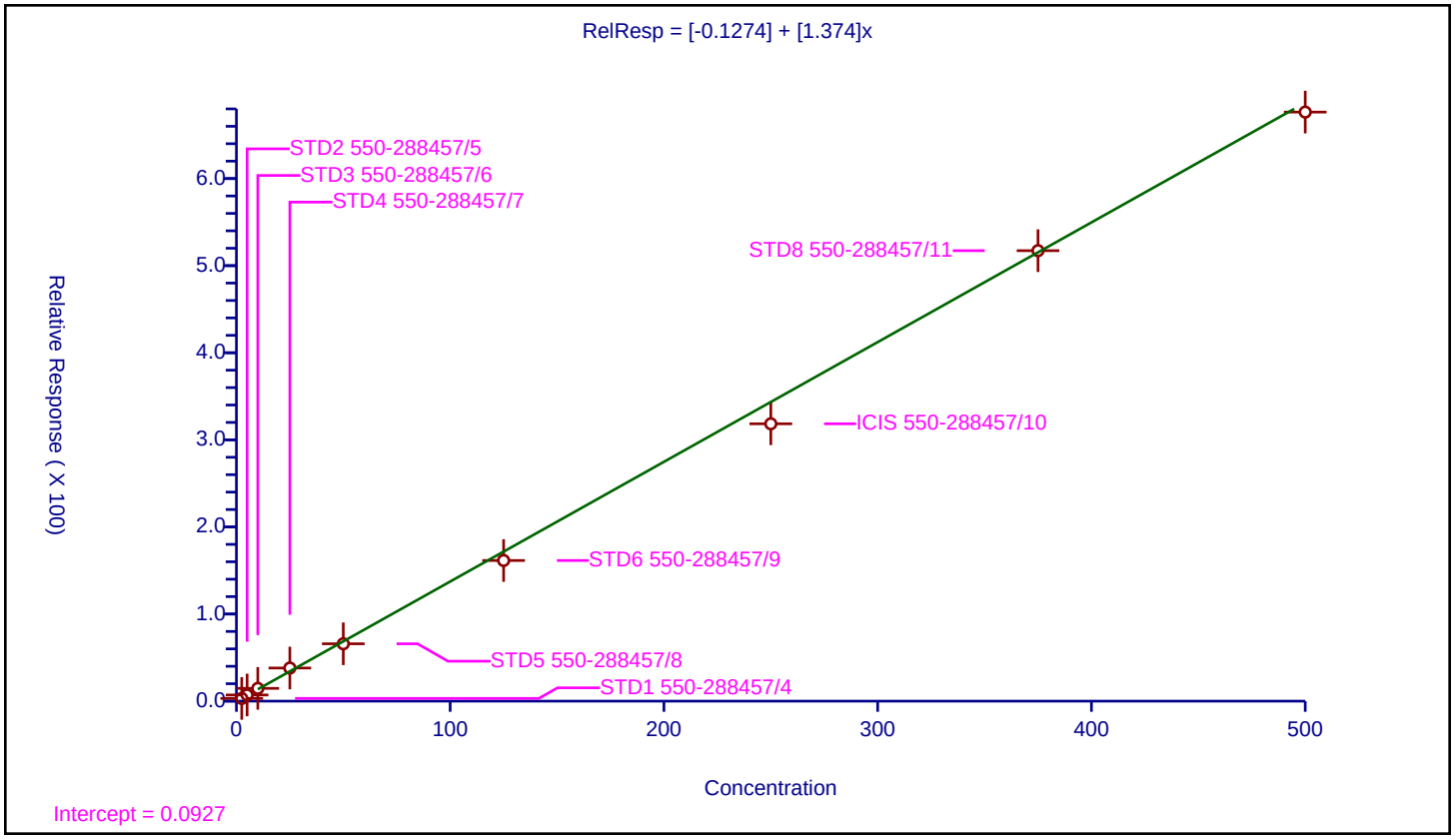
Curve Coefficients

Intercept:	-0.1274
Slope:	1.374

Error Coefficients

Standard Error:	365000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	2.5	3.135434	200.0	236012.0	1.254174	Y
2	STD2 550-288457/5	5.0	7.083542	200.0	225311.0	1.416708	Y
3	STD3 550-288457/6	10.0	14.648401	200.0	261107.0	1.46484	Y
4	STD4 550-288457/7	25.0	38.017288	200.0	191576.0	1.520692	Y
5	STD5 550-288457/8	50.0	65.856222	200.0	234028.0	1.317124	Y
6	STD6 550-288457/9	125.0	161.484012	200.0	232963.0	1.291872	Y
7	ICIS 550-288457/10	250.0	318.452168	200.0	243489.0	1.273809	Y
8	STD8 550-288457/11	375.0	517.232513	200.0	199907.0	1.379287	Y
9	STD9 550-288457/12	500.0	676.342901	200.0	203254.0	1.352686	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

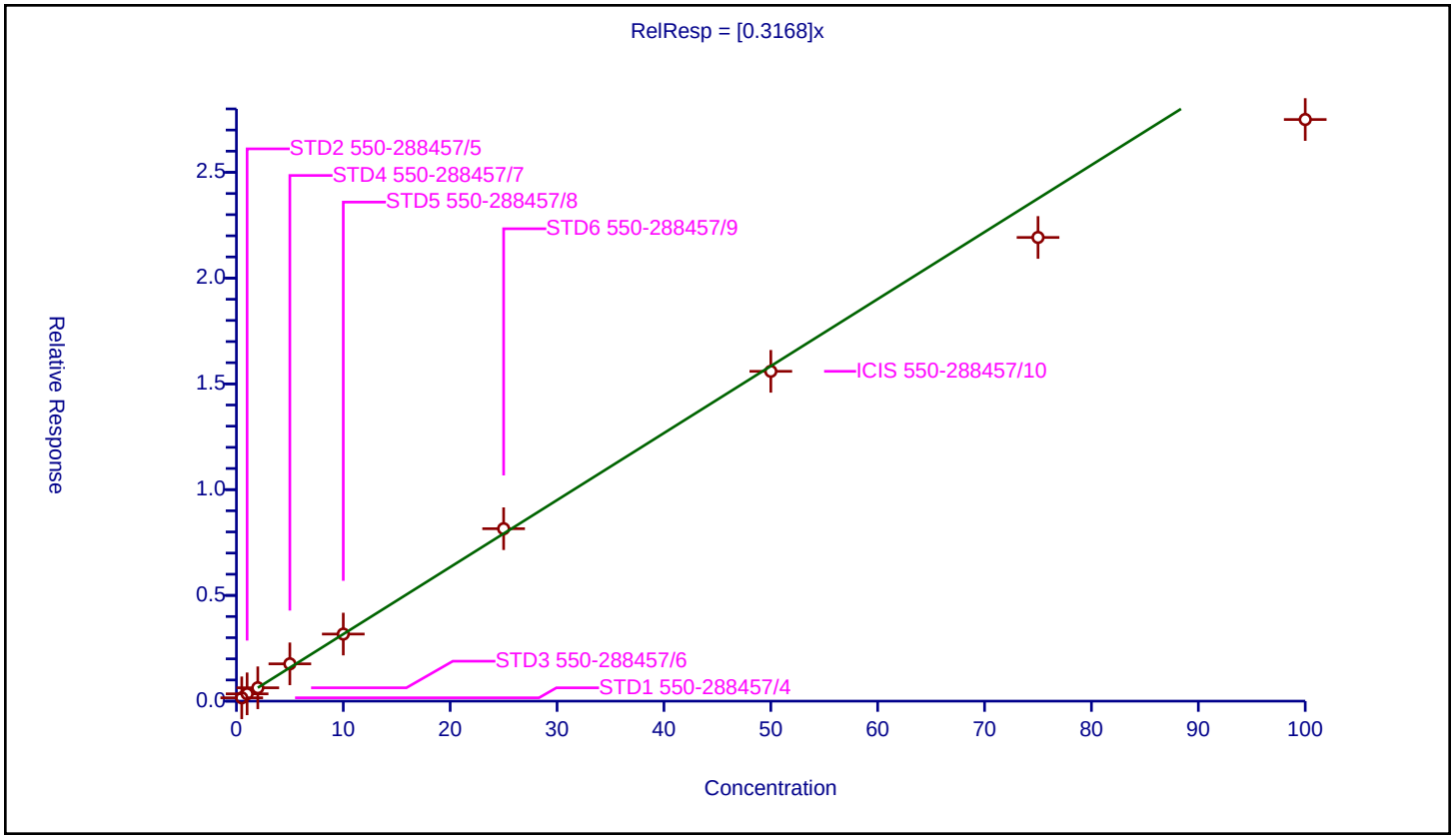
Curve Coefficients

Intercept:	0
Slope:	0.3168

Error Coefficients

Standard Error:	689000
Relative Standard Error:	7.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.157391	25.0	1200357.0	0.314781	Y
2	STD2 550-288457/5	1.0	0.345514	25.0	1192497.0	0.345514	Y
3	STD3 550-288457/6	2.0	0.63186	25.0	1218189.0	0.31593	Y
4	STD4 550-288457/7	5.0	1.763828	25.0	1115160.0	0.352766	Y
5	STD5 550-288457/8	10.0	3.171169	25.0	1134022.0	0.317117	Y
6	STD6 550-288457/9	25.0	8.152	25.0	1257397.0	0.32608	Y
7	ICIS 550-288457/10	50.0	15.5927	25.0	1246896.0	0.311854	Y
8	STD8 550-288457/11	75.0	21.922483	25.0	1248287.0	0.2923	Y
9	STD9 550-288457/12	100.0	27.497208	25.0	1217920.0	0.274972	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

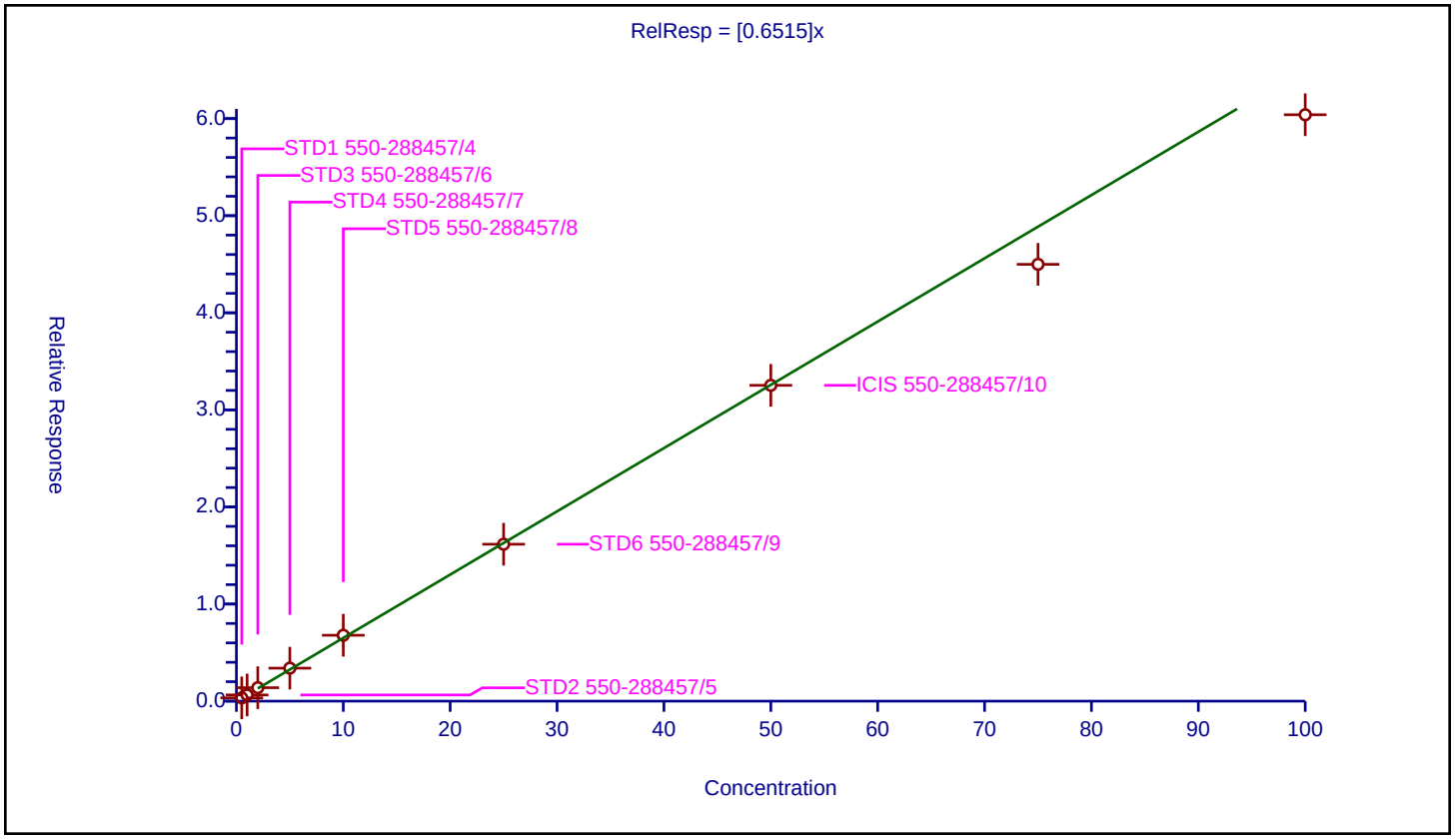
Curve Coefficients

Intercept:	0
Slope:	0.6515

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.33715	25.0	1200357.0	0.674299	Y
2	STD2 550-288457/5	1.0	0.638429	25.0	1192497.0	0.638429	Y
3	STD3 550-288457/6	2.0	1.383919	25.0	1218189.0	0.69196	Y
4	STD4 550-288457/7	5.0	3.398212	25.0	1115160.0	0.679642	Y
5	STD5 550-288457/8	10.0	6.784855	25.0	1134022.0	0.678486	Y
6	STD6 550-288457/9	25.0	16.162	25.0	1257397.0	0.64648	Y
7	ICIS 550-288457/10	50.0	32.528054	25.0	1246896.0	0.650561	Y
8	STD8 550-288457/11	75.0	44.989333	25.0	1248287.0	0.599858	Y
9	STD9 550-288457/12	100.0	60.39666	25.0	1217920.0	0.603967	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

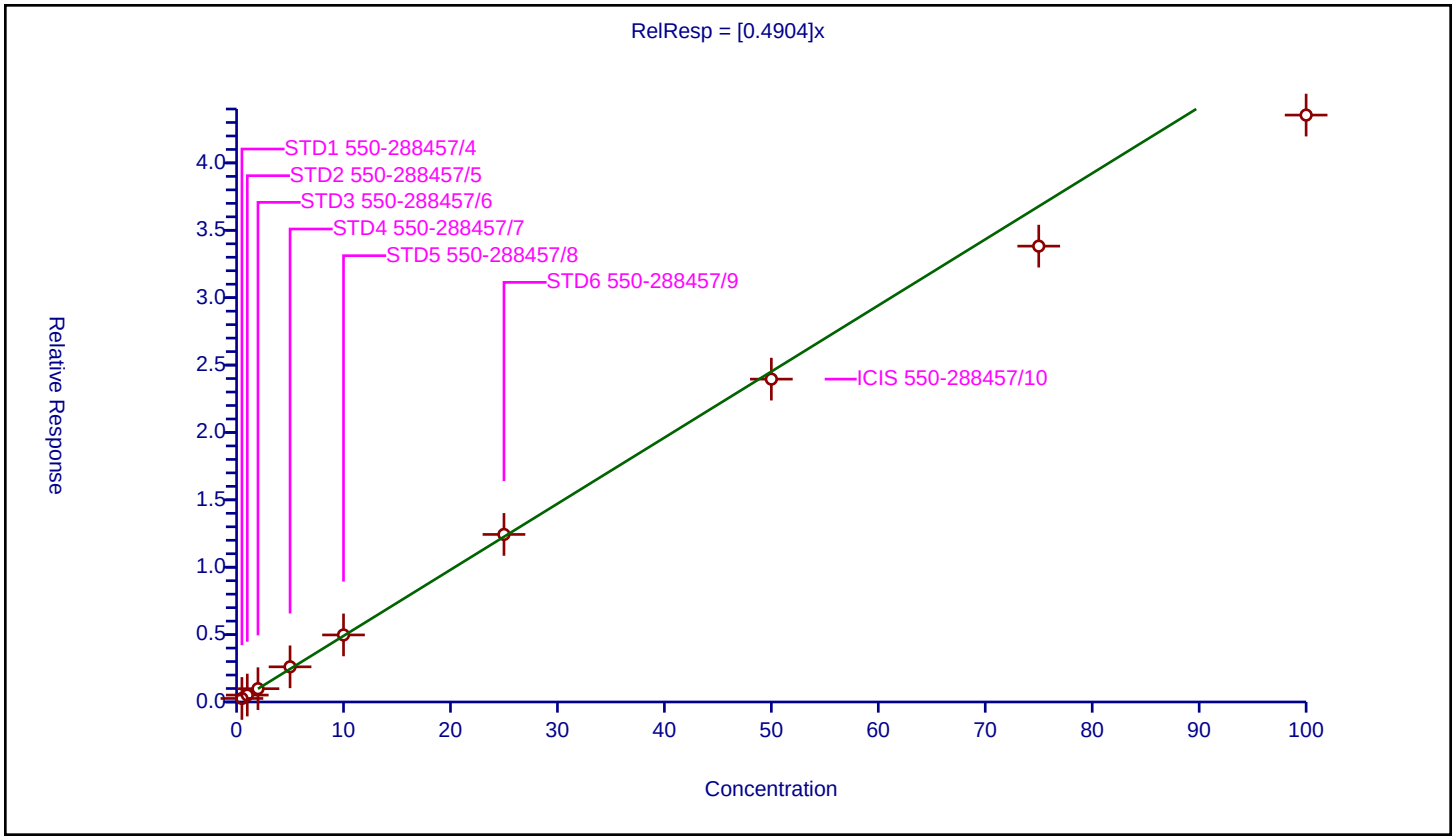
Curve Coefficients

Intercept:	0
Slope:	0.4904

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.261755	25.0	1200357.0	0.523511	Y
2	STD2 550-288457/5	1.0	0.514299	25.0	1192497.0	0.514299	Y
3	STD3 550-288457/6	2.0	0.986444	25.0	1218189.0	0.493222	Y
4	STD4 550-288457/7	5.0	2.609446	25.0	1115160.0	0.521889	Y
5	STD5 550-288457/8	10.0	4.975212	25.0	1134022.0	0.497521	Y
6	STD6 550-288457/9	25.0	12.432549	25.0	1257397.0	0.497302	Y
7	ICIS 550-288457/10	50.0	23.956649	25.0	1246896.0	0.479133	Y
8	STD8 550-288457/11	75.0	33.824954	25.0	1248287.0	0.450999	Y
9	STD9 550-288457/12	100.0	43.550685	25.0	1217920.0	0.435507	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

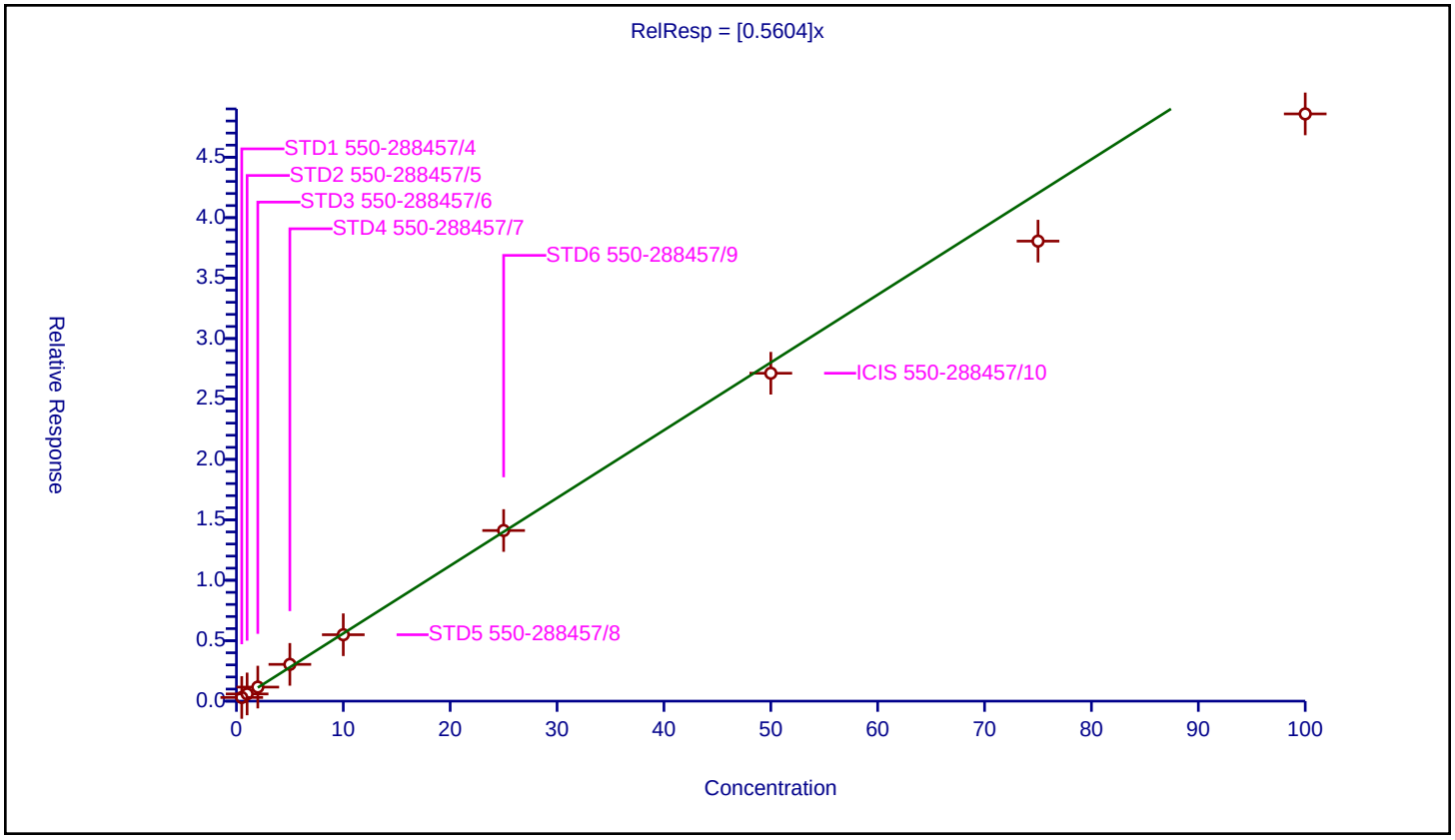
Curve Coefficients

Intercept:	0
Slope:	0.5604

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	7.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.303264	25.0	1200357.0	0.606528	Y
2	STD2 550-288457/5	1.0	0.597004	25.0	1192497.0	0.597004	Y
3	STD3 550-288457/6	2.0	1.16312	25.0	1218189.0	0.58156	Y
4	STD4 550-288457/7	5.0	3.040999	25.0	1115160.0	0.6082	Y
5	STD5 550-288457/8	10.0	5.493743	25.0	1134022.0	0.549374	Y
6	STD6 550-288457/9	25.0	14.117618	25.0	1257397.0	0.564705	Y
7	ICIS 550-288457/10	50.0	27.129067	25.0	1246896.0	0.542581	Y
8	STD8 550-288457/11	75.0	38.058656	25.0	1248287.0	0.507449	Y
9	STD9 550-288457/12	100.0	48.585786	25.0	1217920.0	0.485858	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

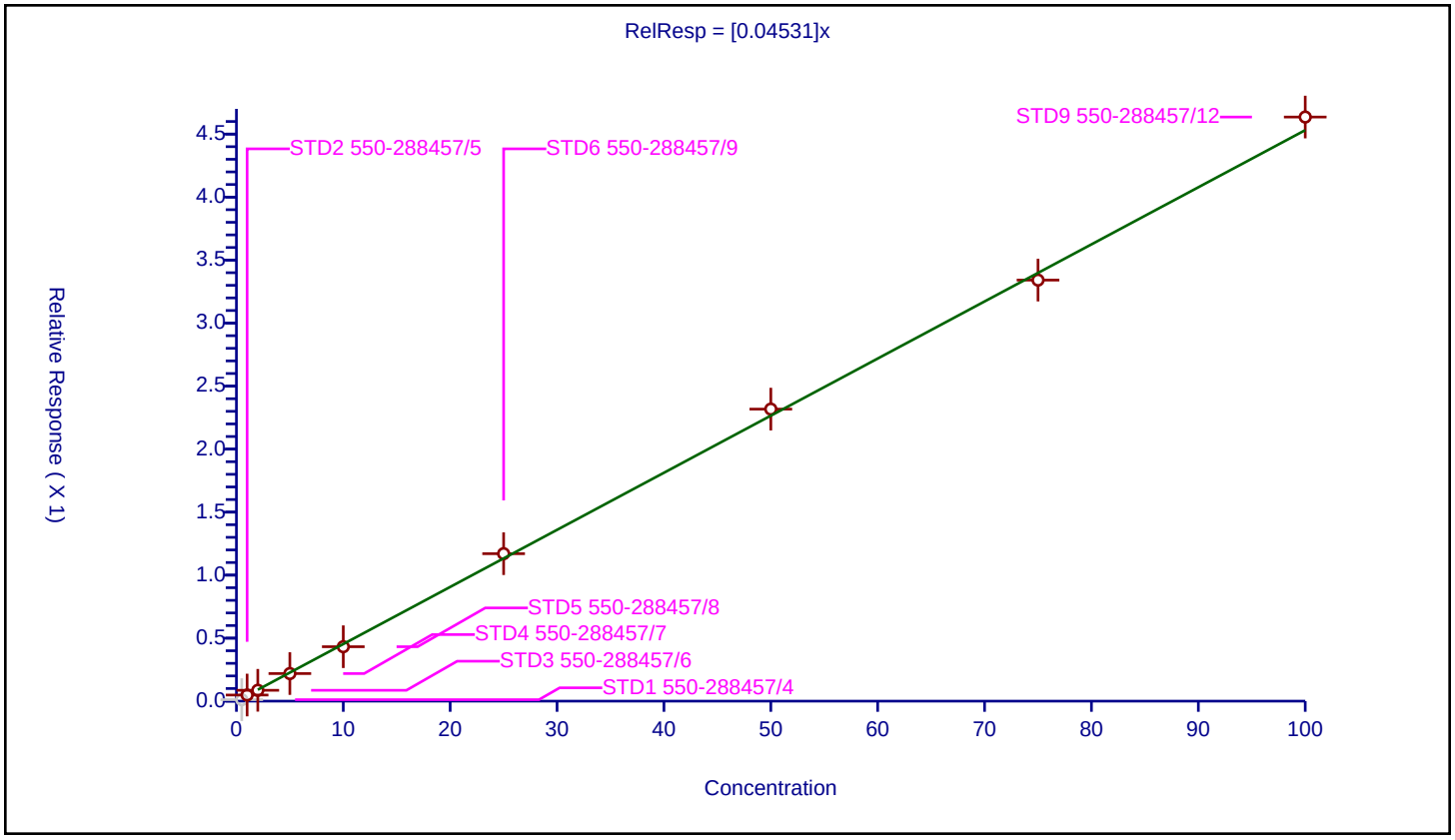
Curve Coefficients

Intercept:	0
Slope:	0.04531

Error Coefficients

Standard Error:	117000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.01183	25.0	1200357.0	0.02366	N
2	STD2 550-288457/5	1.0	0.048407	25.0	1192497.0	0.048407	Y
3	STD3 550-288457/6	2.0	0.086111	25.0	1218189.0	0.043056	Y
4	STD4 550-288457/7	5.0	0.218848	25.0	1115160.0	0.04377	Y
5	STD5 550-288457/8	10.0	0.43187	25.0	1134022.0	0.043187	Y
6	STD6 550-288457/9	25.0	1.170295	25.0	1257397.0	0.046812	Y
7	ICIS 550-288457/10	50.0	2.317535	25.0	1246896.0	0.046351	Y
8	STD8 550-288457/11	75.0	3.341279	25.0	1248287.0	0.04455	Y
9	STD9 550-288457/12	100.0	4.635259	25.0	1217920.0	0.046353	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

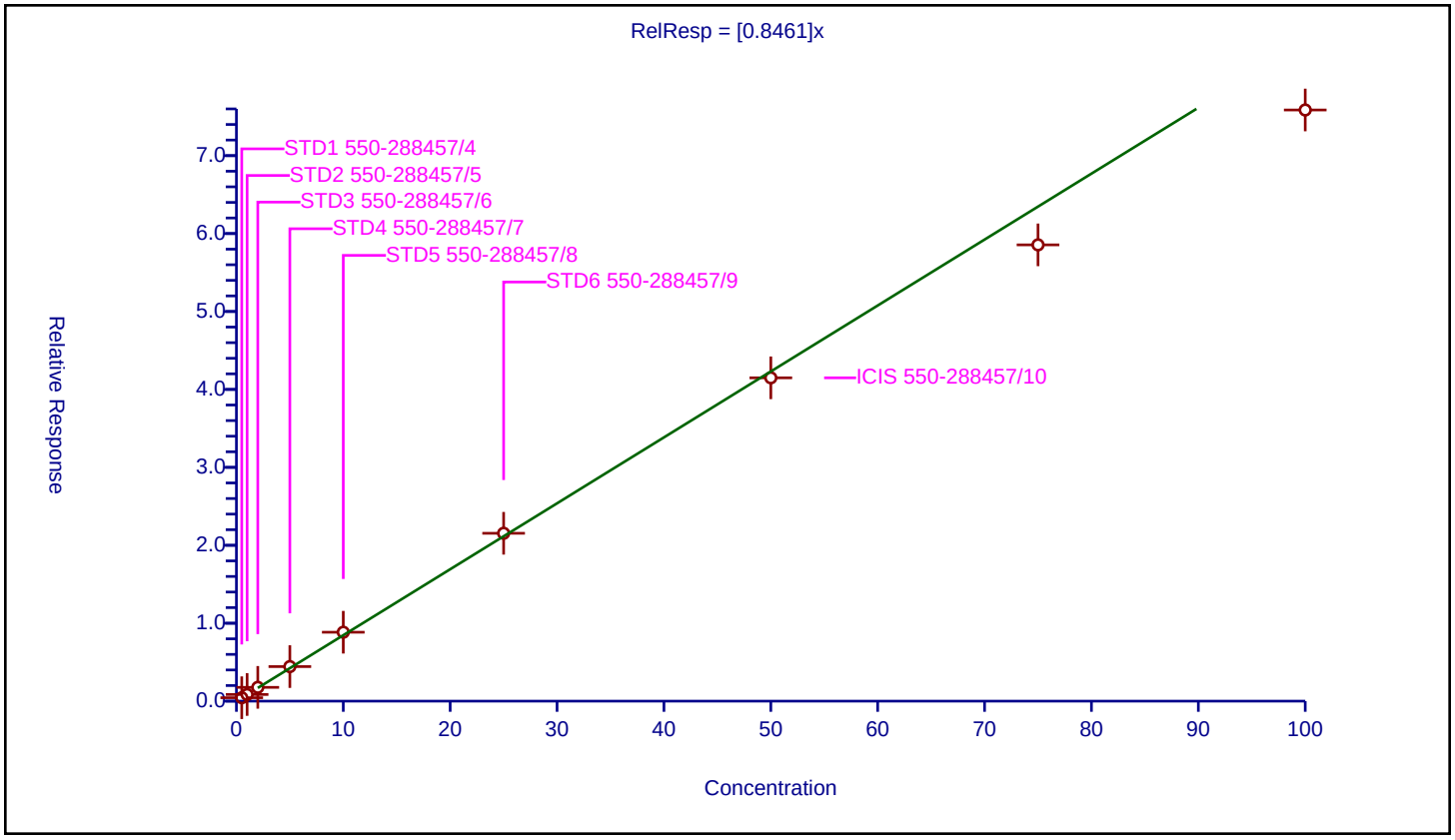
Curve Coefficients

Intercept:	0
Slope:	0.8461

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.438599	25.0	1200357.0	0.877197	Y
2	STD2 550-288457/5	1.0	0.851239	25.0	1192497.0	0.851239	Y
3	STD3 550-288457/6	2.0	1.770066	25.0	1218189.0	0.885033	Y
4	STD4 550-288457/7	5.0	4.433601	25.0	1115160.0	0.88672	Y
5	STD5 550-288457/8	10.0	8.841936	25.0	1134022.0	0.884194	Y
6	STD6 550-288457/9	25.0	21.541685	25.0	1257397.0	0.861667	Y
7	ICIS 550-288457/10	50.0	41.491933	25.0	1246896.0	0.829839	Y
8	STD8 550-288457/11	75.0	58.550618	25.0	1248287.0	0.780675	Y
9	STD9 550-288457/12	100.0	75.858431	25.0	1217920.0	0.758584	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

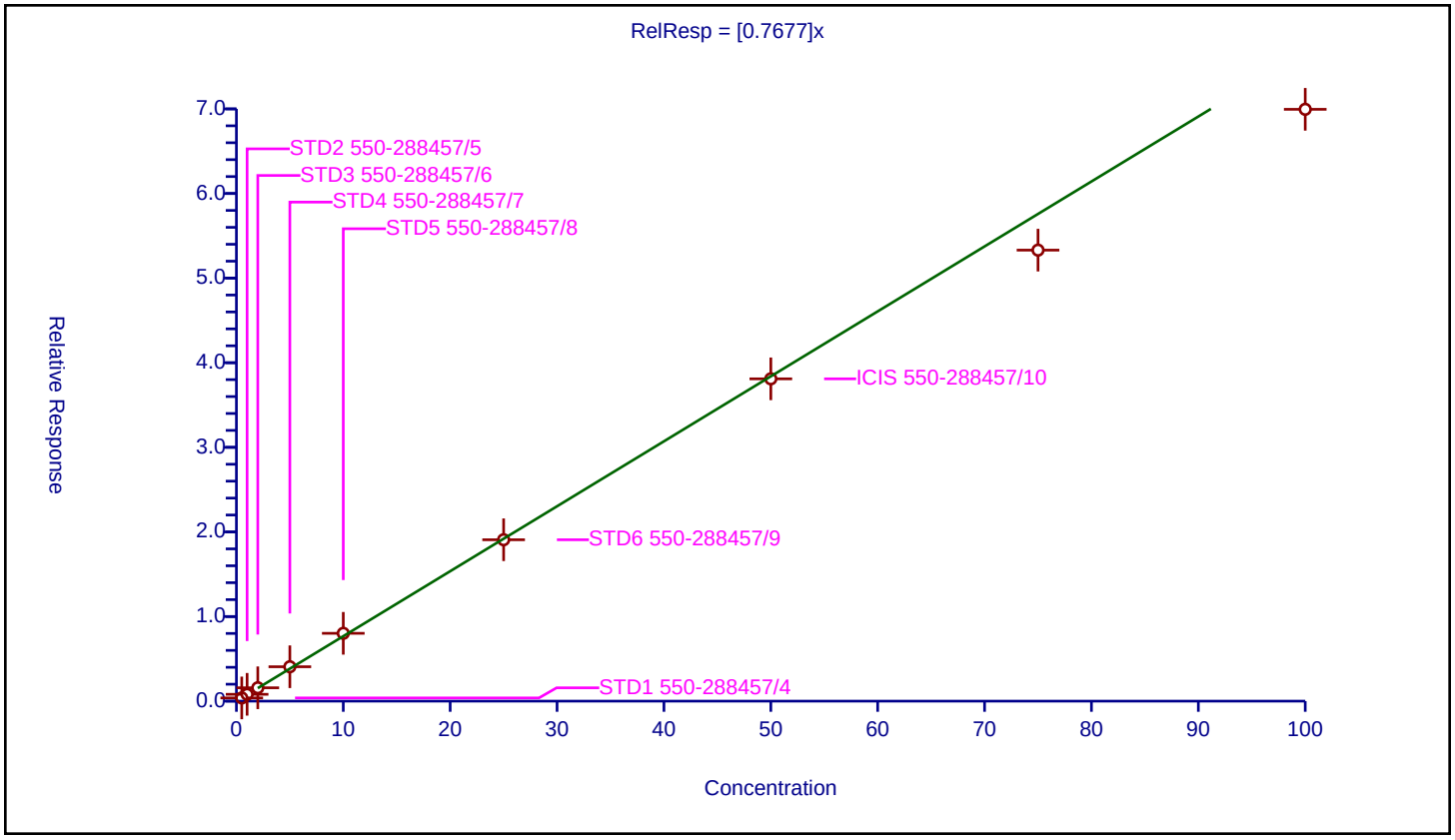
Curve Coefficients

Intercept:	0
Slope:	0.7677

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.380699	25.0	1200357.0	0.761398	Y
2	STD2 550-288457/5	1.0	0.808639	25.0	1192497.0	0.808639	Y
3	STD3 550-288457/6	2.0	1.579763	25.0	1218189.0	0.789882	Y
4	STD4 550-288457/7	5.0	4.065448	25.0	1115160.0	0.81309	Y
5	STD5 550-288457/8	10.0	8.015365	25.0	1134022.0	0.801536	Y
6	STD6 550-288457/9	25.0	19.076036	25.0	1257397.0	0.763041	Y
7	ICIS 550-288457/10	50.0	38.09618	25.0	1246896.0	0.761924	Y
8	STD8 550-288457/11	75.0	53.304749	25.0	1248287.0	0.71073	Y
9	STD9 550-288457/12	100.0	69.94936	25.0	1217920.0	0.699494	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

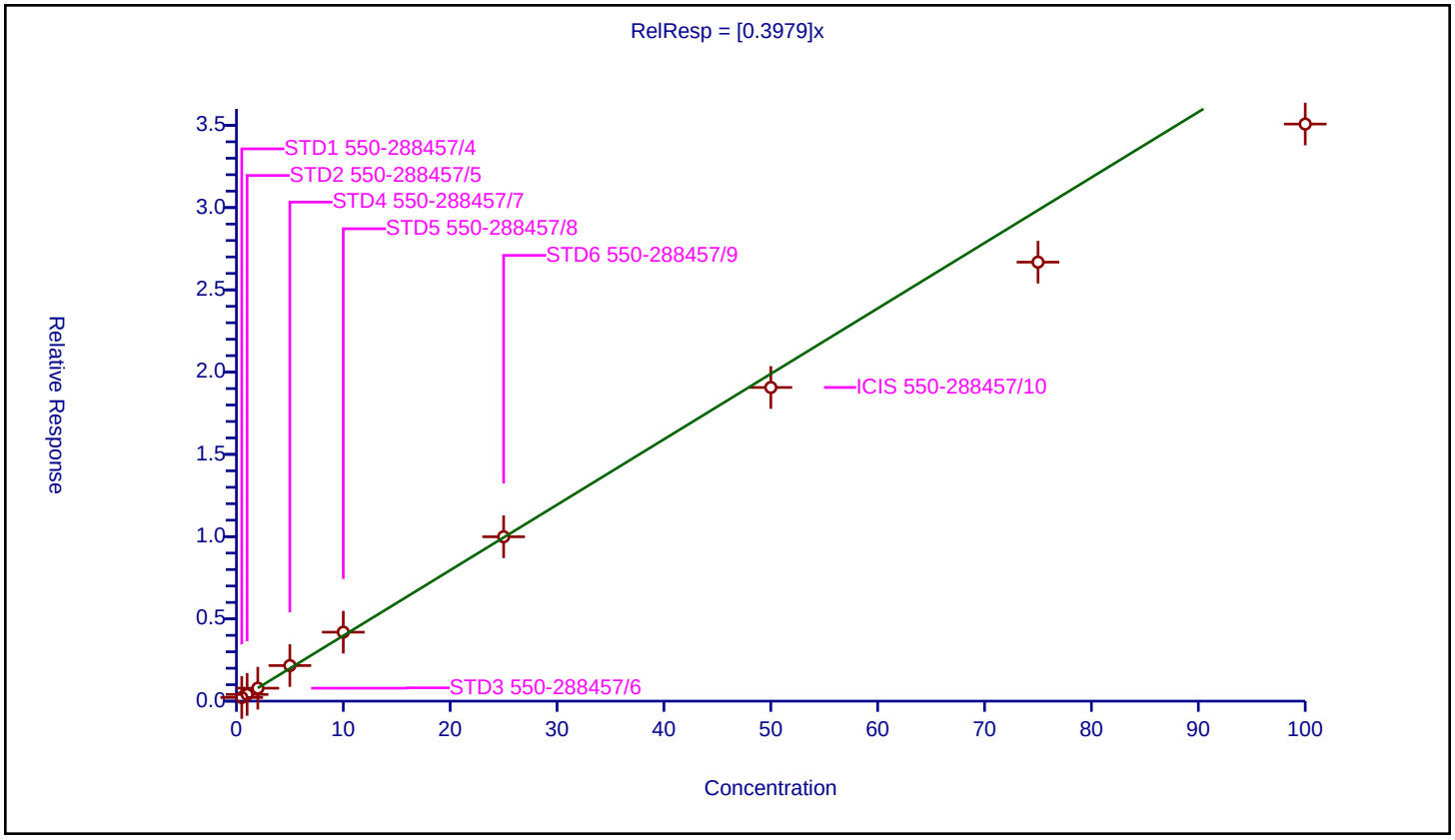
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Standard Error:	859000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220205	25.0	1200357.0	0.440411	Y
2	STD2 550-288457/5	1.0	0.407464	25.0	1192497.0	0.407464	Y
3	STD3 550-288457/6	2.0	0.788158	25.0	1218189.0	0.394079	Y
4	STD4 550-288457/7	5.0	2.161394	25.0	1115160.0	0.432279	Y
5	STD5 550-288457/8	10.0	4.191585	25.0	1134022.0	0.419159	Y
6	STD6 550-288457/9	25.0	9.990659	25.0	1257397.0	0.399626	Y
7	ICIS 550-288457/10	50.0	19.067348	25.0	1246896.0	0.381347	Y
8	STD8 550-288457/11	75.0	26.683968	25.0	1248287.0	0.355786	Y
9	STD9 550-288457/12	100.0	35.078002	25.0	1217920.0	0.35078	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

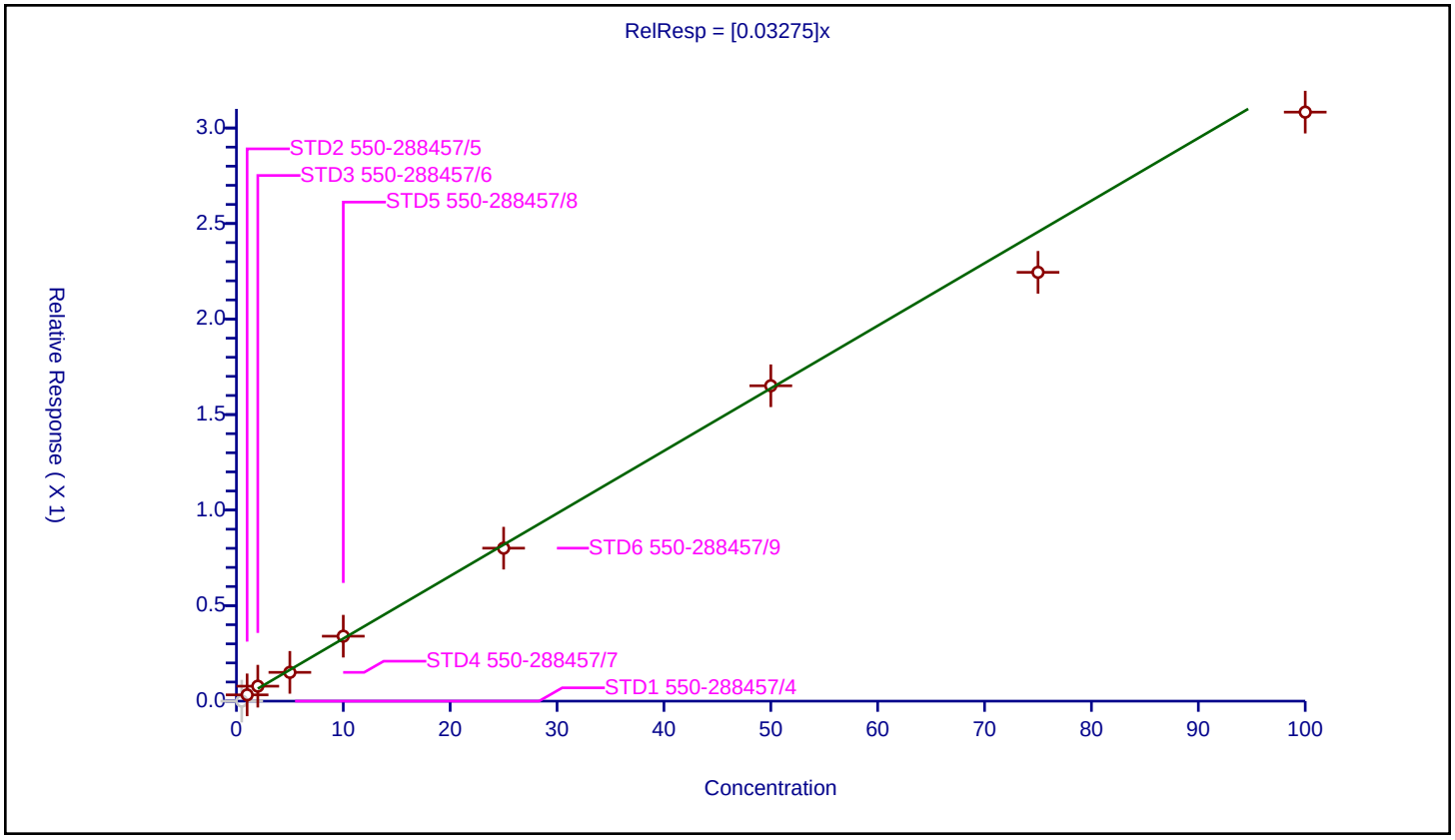
Curve Coefficients

Intercept:	0
Slope:	0.03275

Error Coefficients

Standard Error:	79100
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.0	25.0	1200357.0	0.0	N
2	STD2 550-288457/5	1.0	0.032893	25.0	1192497.0	0.032893	Y
3	STD3 550-288457/6	2.0	0.078292	25.0	1218189.0	0.039146	Y
4	STD4 550-288457/7	5.0	0.150606	25.0	1115160.0	0.030121	Y
5	STD5 550-288457/8	10.0	0.340007	25.0	1134022.0	0.034001	Y
6	STD6 550-288457/9	25.0	0.800722	25.0	1257397.0	0.032029	Y
7	ICIS 550-288457/10	50.0	1.650839	25.0	1246896.0	0.033017	Y
8	STD8 550-288457/11	75.0	2.244596	25.0	1248287.0	0.029928	Y
9	STD9 550-288457/12	100.0	3.083125	25.0	1217920.0	0.030831	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

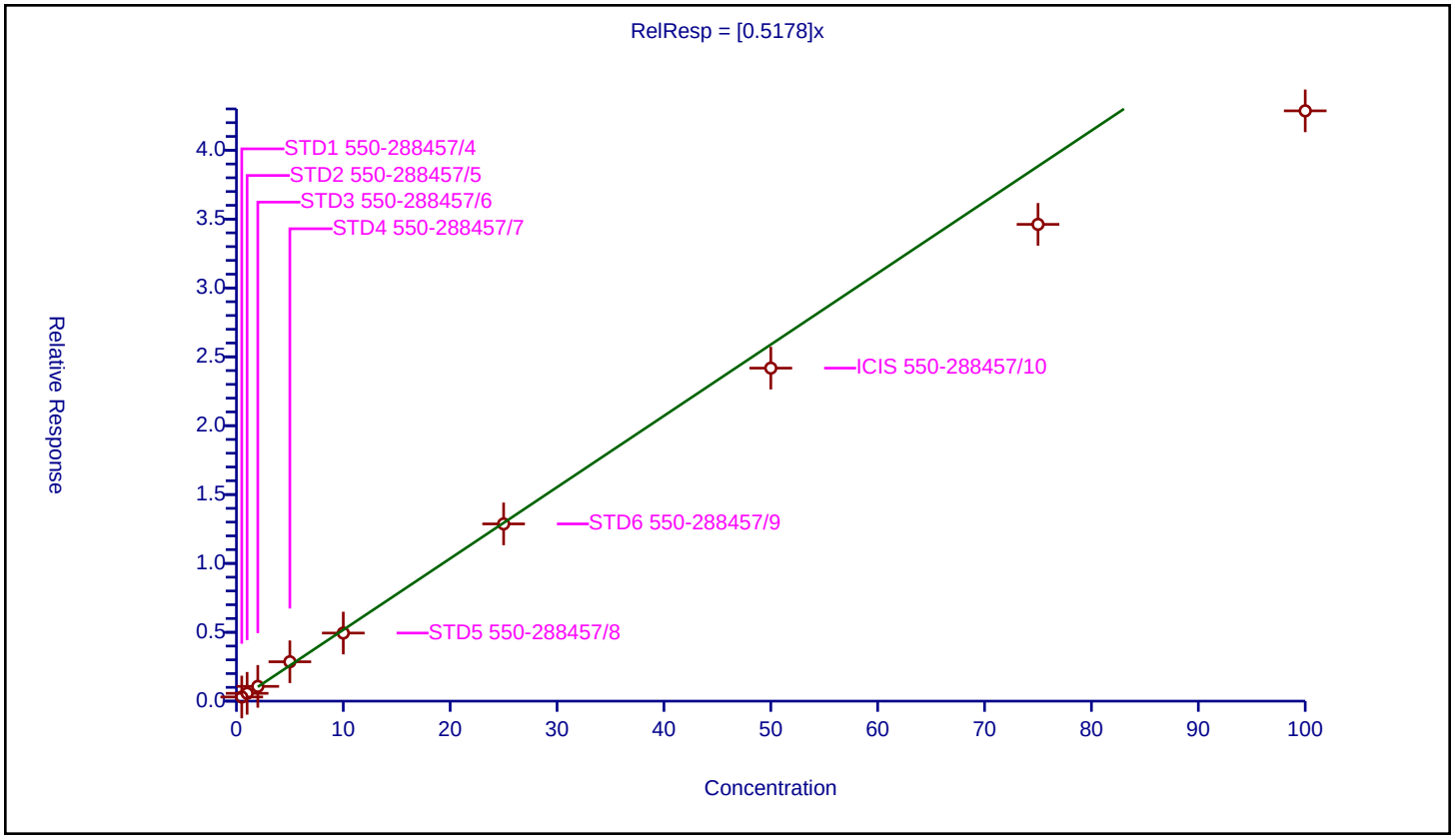
Curve Coefficients

Intercept:	0
Slope:	0.5178

Error Coefficients

Standard Error:	749000
Relative Standard Error:	10.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.30128	25.0	764322.0	0.60256	Y
2	STD2 550-288457/5	1.0	0.566643	25.0	769665.0	0.566643	Y
3	STD3 550-288457/6	2.0	1.072808	25.0	805293.0	0.536404	Y
4	STD4 550-288457/7	5.0	2.858735	25.0	713270.0	0.571747	Y
5	STD5 550-288457/8	10.0	4.943207	25.0	794823.0	0.494321	Y
6	STD6 550-288457/9	25.0	12.868565	25.0	844560.0	0.514743	Y
7	ICIS 550-288457/10	50.0	24.179599	25.0	863023.0	0.483592	Y
8	STD8 550-288457/11	75.0	34.617262	25.0	860276.0	0.461563	Y
9	STD9 550-288457/12	100.0	42.858605	25.0	854672.0	0.428586	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

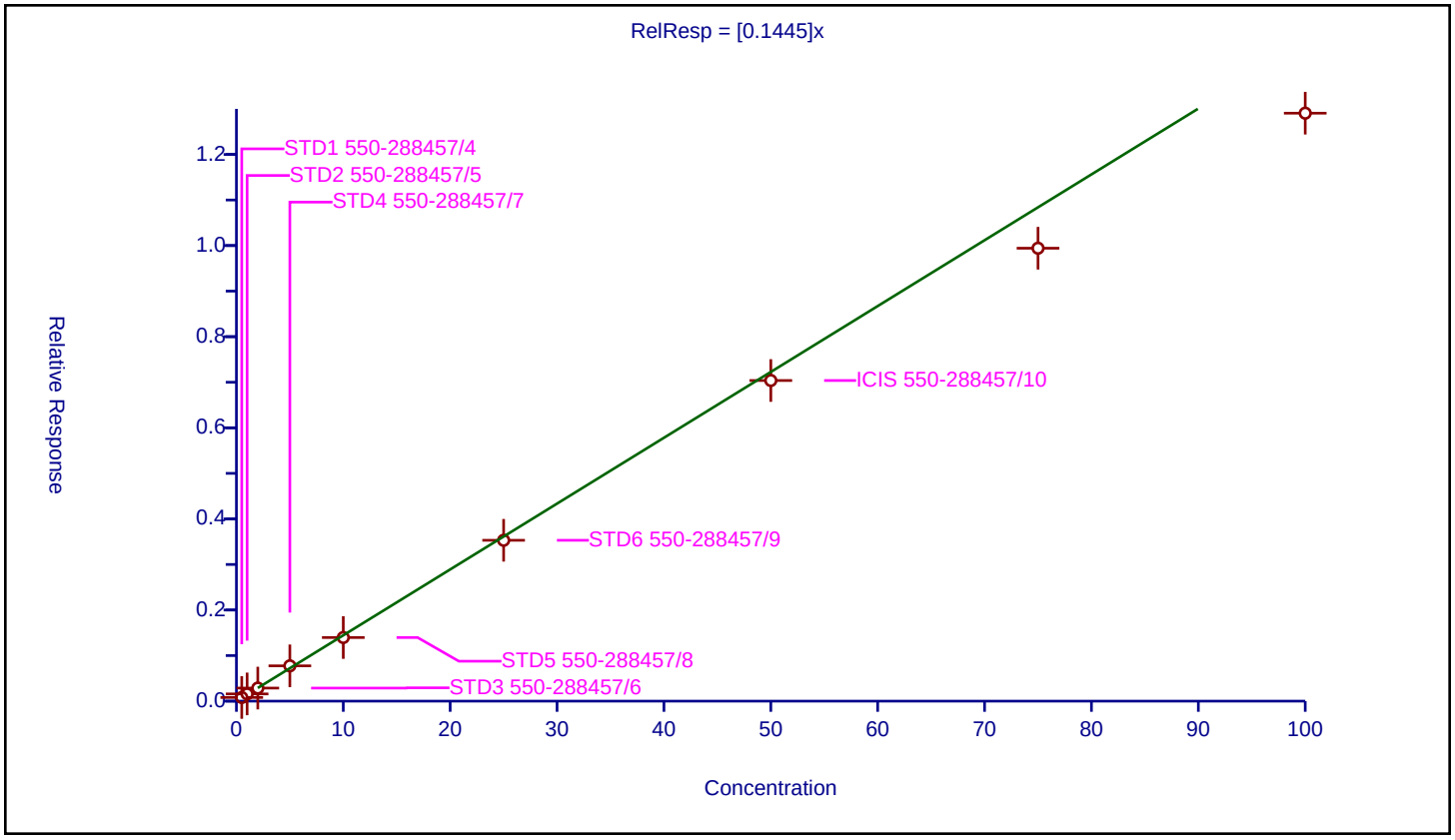
Curve Coefficients

Intercept:	0
Slope:	0.1445

Error Coefficients

Standard Error:	317000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.080247	25.0	1200357.0	0.160494	Y
2	STD2 550-288457/5	1.0	0.158533	25.0	1192497.0	0.158533	Y
3	STD3 550-288457/6	2.0	0.286983	25.0	1218189.0	0.143492	Y
4	STD4 550-288457/7	5.0	0.774642	25.0	1115160.0	0.154928	Y
5	STD5 550-288457/8	10.0	1.396379	25.0	1134022.0	0.139638	Y
6	STD6 550-288457/9	25.0	3.530786	25.0	1257397.0	0.141231	Y
7	ICIS 550-288457/10	50.0	7.037937	25.0	1246896.0	0.140759	Y
8	STD8 550-288457/11	75.0	9.941844	25.0	1248287.0	0.132558	Y
9	STD9 550-288457/12	100.0	12.906082	25.0	1217920.0	0.129061	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

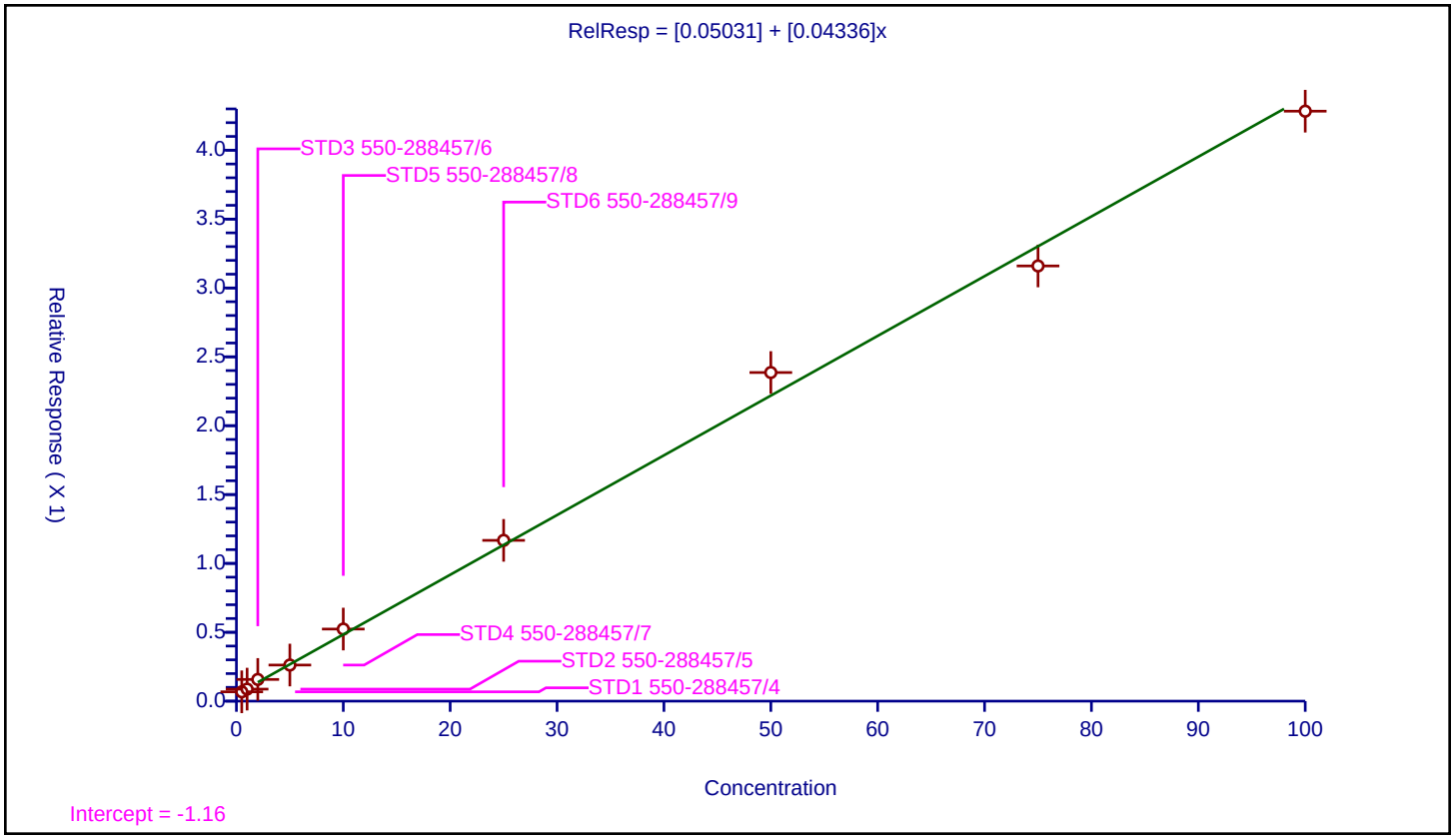
Curve Coefficients

Intercept:	0.05031
Slope:	0.04336

Error Coefficients

Standard Error:	77400
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.067707	25.0	764322.0	0.135414	Y
2	STD2 550-288457/5	1.0	0.087278	25.0	769665.0	0.087278	Y
3	STD3 550-288457/6	2.0	0.157489	25.0	805293.0	0.078745	Y
4	STD4 550-288457/7	5.0	0.262138	25.0	713270.0	0.052428	Y
5	STD5 550-288457/8	10.0	0.523324	25.0	794823.0	0.052332	Y
6	STD6 550-288457/9	25.0	1.167383	25.0	844560.0	0.046695	Y
7	ICIS 550-288457/10	50.0	2.385945	25.0	863023.0	0.047719	Y
8	STD8 550-288457/11	75.0	3.159742	25.0	860276.0	0.04213	Y
9	STD9 550-288457/12	100.0	4.283427	25.0	854672.0	0.042834	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

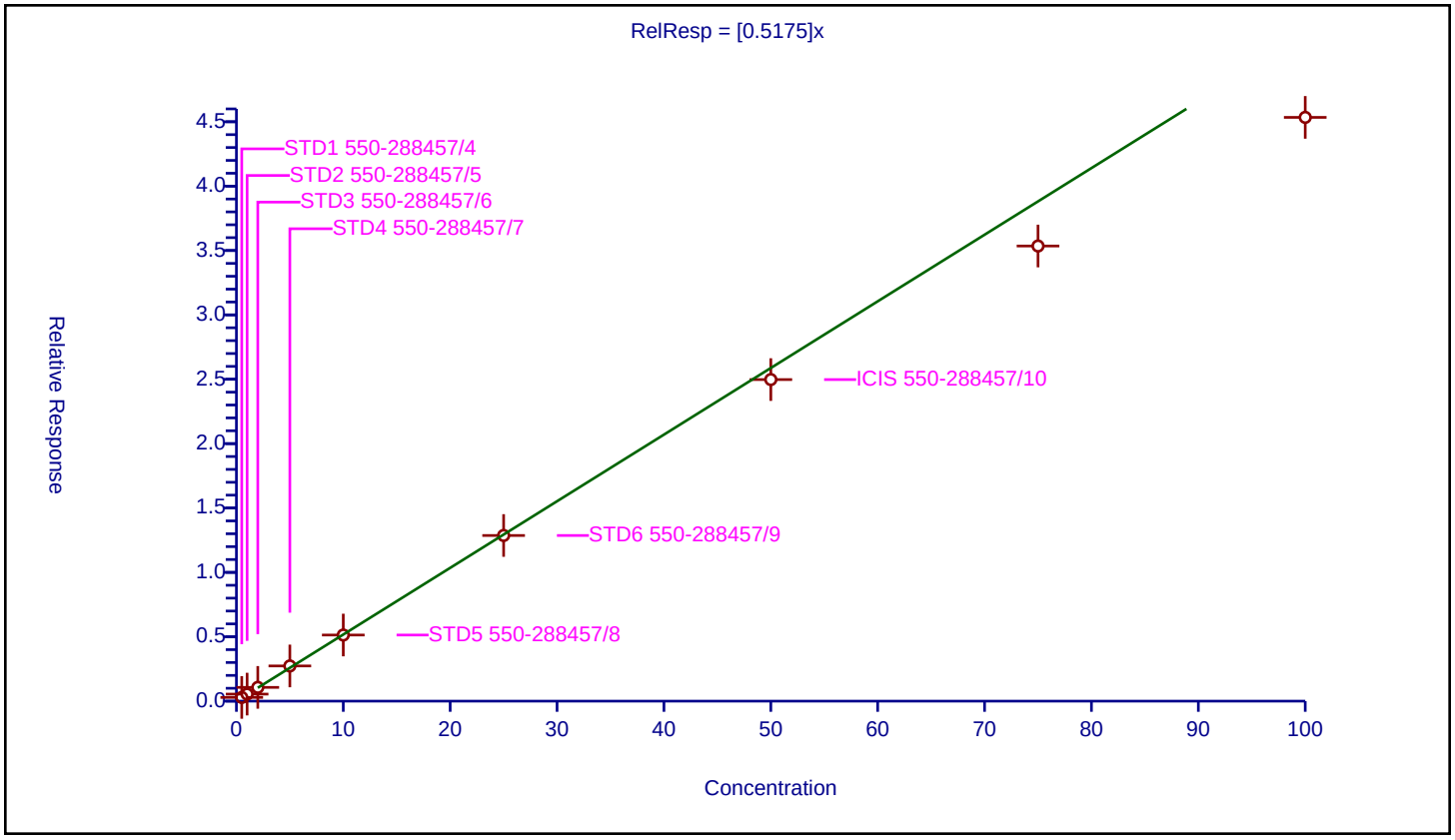
Curve Coefficients

Intercept:	0
Slope:	0.5175

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.288477	25.0	1200357.0	0.576953	Y
2	STD2 550-288457/5	1.0	0.547402	25.0	1192497.0	0.547402	Y
3	STD3 550-288457/6	2.0	1.06765	25.0	1218189.0	0.533825	Y
4	STD4 550-288457/7	5.0	2.73472	25.0	1115160.0	0.546944	Y
5	STD5 550-288457/8	10.0	5.136364	25.0	1134022.0	0.513636	Y
6	STD6 550-288457/9	25.0	12.866243	25.0	1257397.0	0.51465	Y
7	ICIS 550-288457/10	50.0	24.976622	25.0	1246896.0	0.499532	Y
8	STD8 550-288457/11	75.0	35.349763	25.0	1248287.0	0.47133	Y
9	STD9 550-288457/12	100.0	45.33978	25.0	1217920.0	0.453398	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

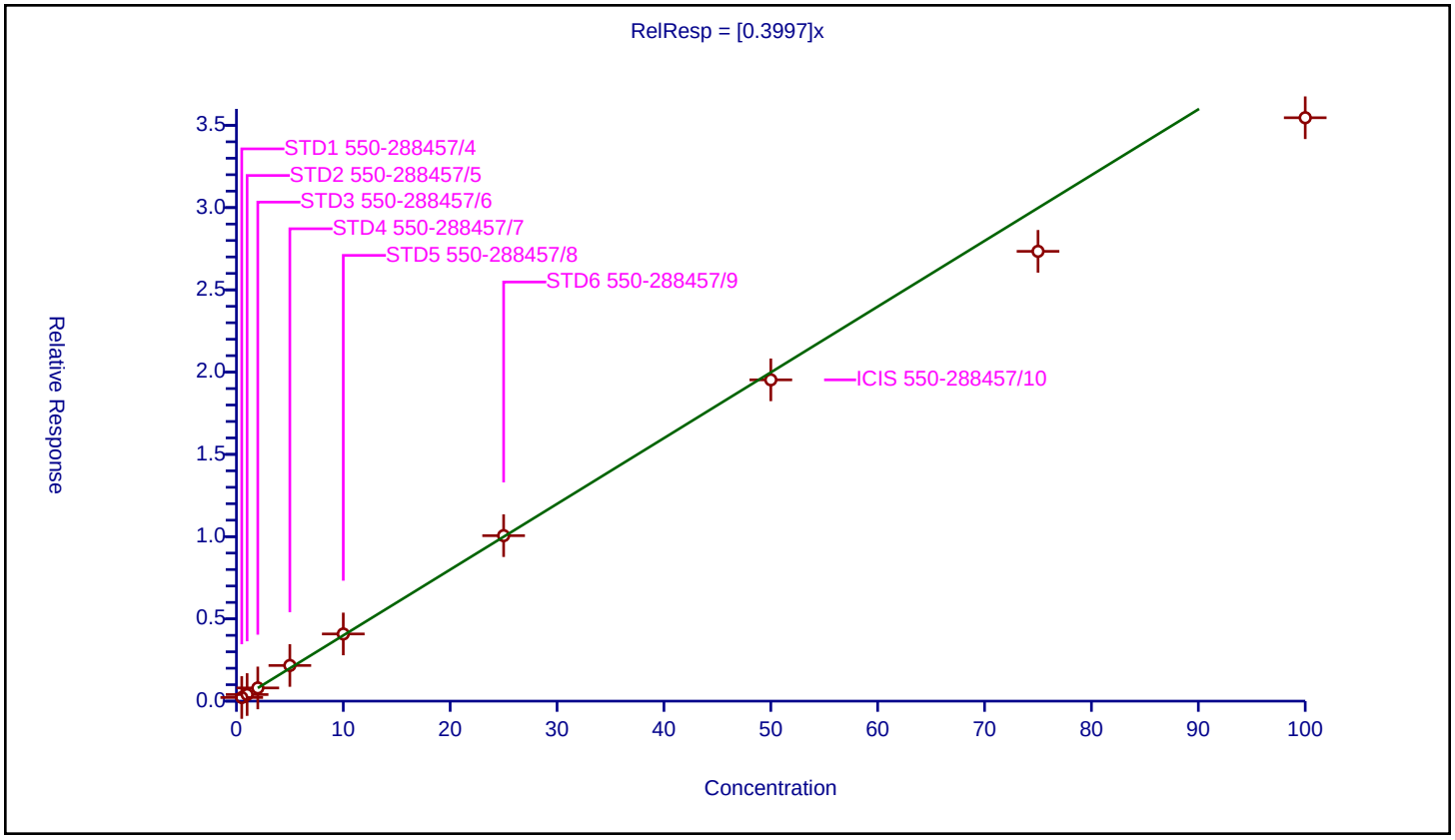
Curve Coefficients

Intercept:	0
Slope:	0.3997

Error Coefficients

Standard Error:	873000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220247	25.0	1200357.0	0.440494	Y
2	STD2 550-288457/5	1.0	0.40107	25.0	1192497.0	0.40107	Y
3	STD3 550-288457/6	2.0	0.80277	25.0	1218189.0	0.401385	Y
4	STD4 550-288457/7	5.0	2.168344	25.0	1115160.0	0.433669	Y
5	STD5 550-288457/8	10.0	4.083695	25.0	1134022.0	0.40837	Y
6	STD6 550-288457/9	25.0	10.058736	25.0	1257397.0	0.402349	Y
7	ICIS 550-288457/10	50.0	19.529516	25.0	1246896.0	0.39059	Y
8	STD8 550-288457/11	75.0	27.341108	25.0	1248287.0	0.364548	Y
9	STD9 550-288457/12	100.0	35.461853	25.0	1217920.0	0.354619	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

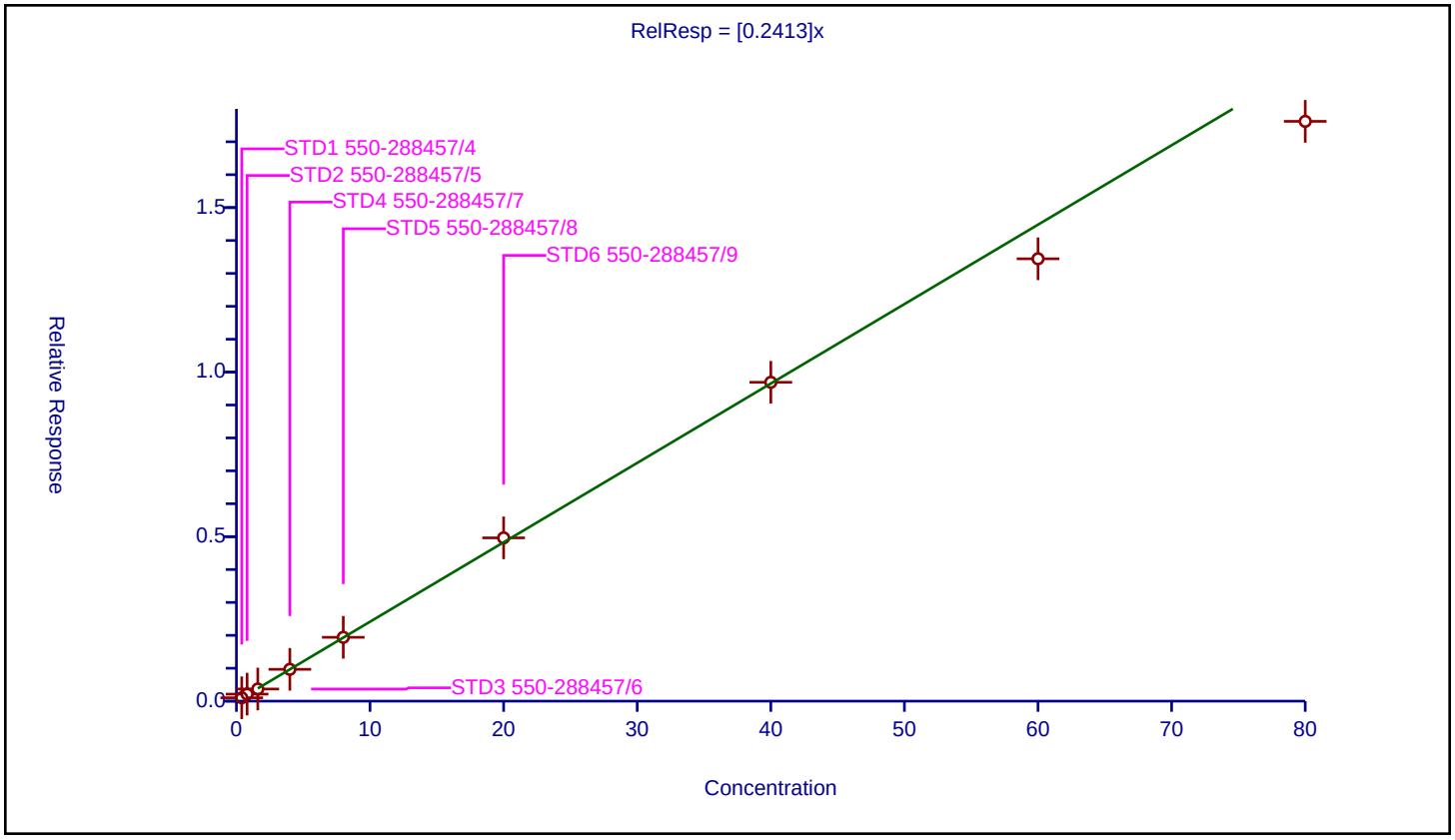
Curve Coefficients

Intercept:	0
Slope:	0.2413

Error Coefficients

Standard Error:	432000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.102574	25.0	1200357.0	0.256434	Y
2	STD2 550-288457/5	0.8	0.212936	25.0	1192497.0	0.266169	Y
3	STD3 550-288457/6	1.6	0.369031	25.0	1218189.0	0.230645	Y
4	STD4 550-288457/7	4.0	0.966565	25.0	1115160.0	0.241641	Y
5	STD5 550-288457/8	8.0	1.939711	25.0	1134022.0	0.242464	Y
6	STD6 550-288457/9	20.0	4.962295	25.0	1257397.0	0.248115	Y
7	ICIS 550-288457/10	40.0	9.690704	25.0	1246896.0	0.242268	Y
8	STD8 550-288457/11	60.0	13.444484	25.0	1248287.0	0.224075	Y
9	STD9 550-288457/12	80.0	17.621026	25.0	1217920.0	0.220263	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

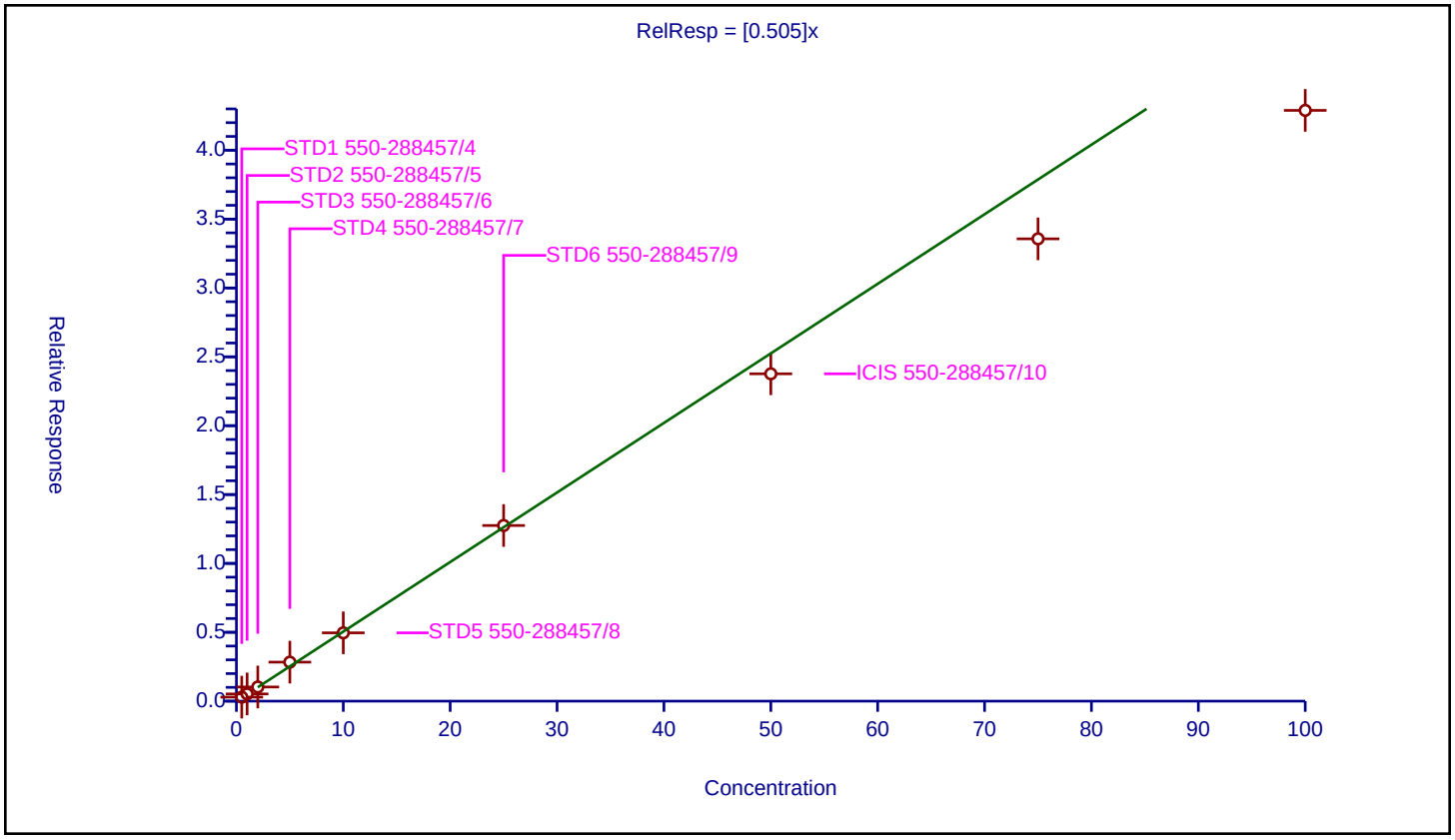
Curve Coefficients

Intercept:	0
Slope:	0.505

Error Coefficients

Standard Error:	740000
Relative Standard Error:	10.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.291566	25.0	764322.0	0.583131	Y
2	STD2 550-288457/5	1.0	0.523215	25.0	769665.0	0.523215	Y
3	STD3 550-288457/6	2.0	1.028415	25.0	805293.0	0.514207	Y
4	STD4 550-288457/7	5.0	2.831922	25.0	713270.0	0.566384	Y
5	STD5 550-288457/8	10.0	4.959029	25.0	794823.0	0.495903	Y
6	STD6 550-288457/9	25.0	12.751758	25.0	844560.0	0.51007	Y
7	ICIS 550-288457/10	50.0	23.765937	25.0	863023.0	0.475319	Y
8	STD8 550-288457/11	75.0	33.565245	25.0	860276.0	0.447537	Y
9	STD9 550-288457/12	100.0	42.890869	25.0	854672.0	0.428909	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

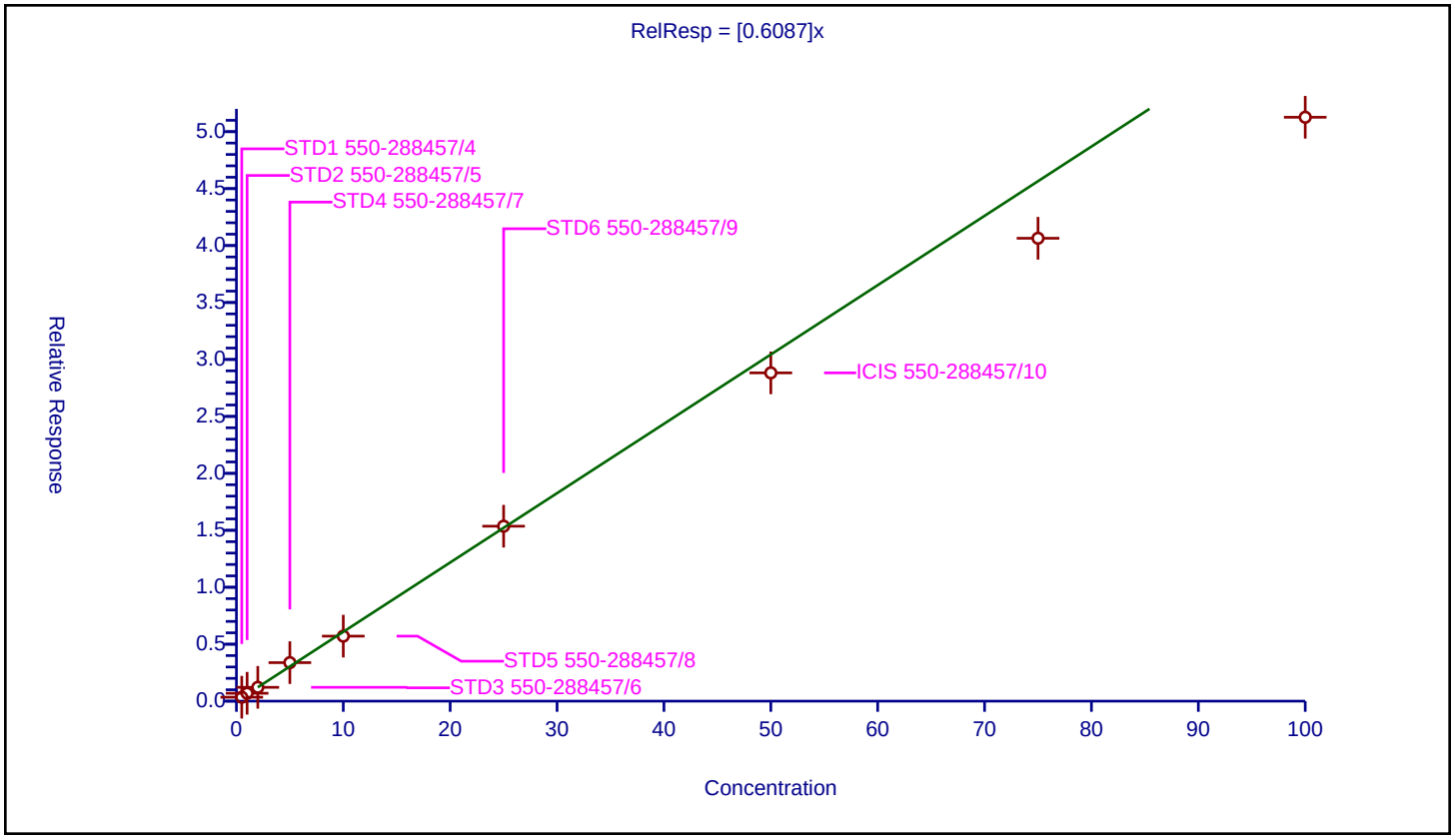
Curve Coefficients

Intercept:	0
Slope:	0.6087

Error Coefficients

Standard Error:	890000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.343736	25.0	764322.0	0.687472	Y
2	STD2 550-288457/5	1.0	0.691567	25.0	769665.0	0.691567	Y
3	STD3 550-288457/6	2.0	1.213285	25.0	805293.0	0.606643	Y
4	STD4 550-288457/7	5.0	3.381118	25.0	713270.0	0.676224	Y
5	STD5 550-288457/8	10.0	5.707875	25.0	794823.0	0.570787	Y
6	STD6 550-288457/9	25.0	15.359921	25.0	844560.0	0.614397	Y
7	ICIS 550-288457/10	50.0	28.824174	25.0	863023.0	0.576483	Y
8	STD8 550-288457/11	75.0	40.64248	25.0	860276.0	0.5419	Y
9	STD9 550-288457/12	100.0	51.265983	25.0	854672.0	0.51266	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

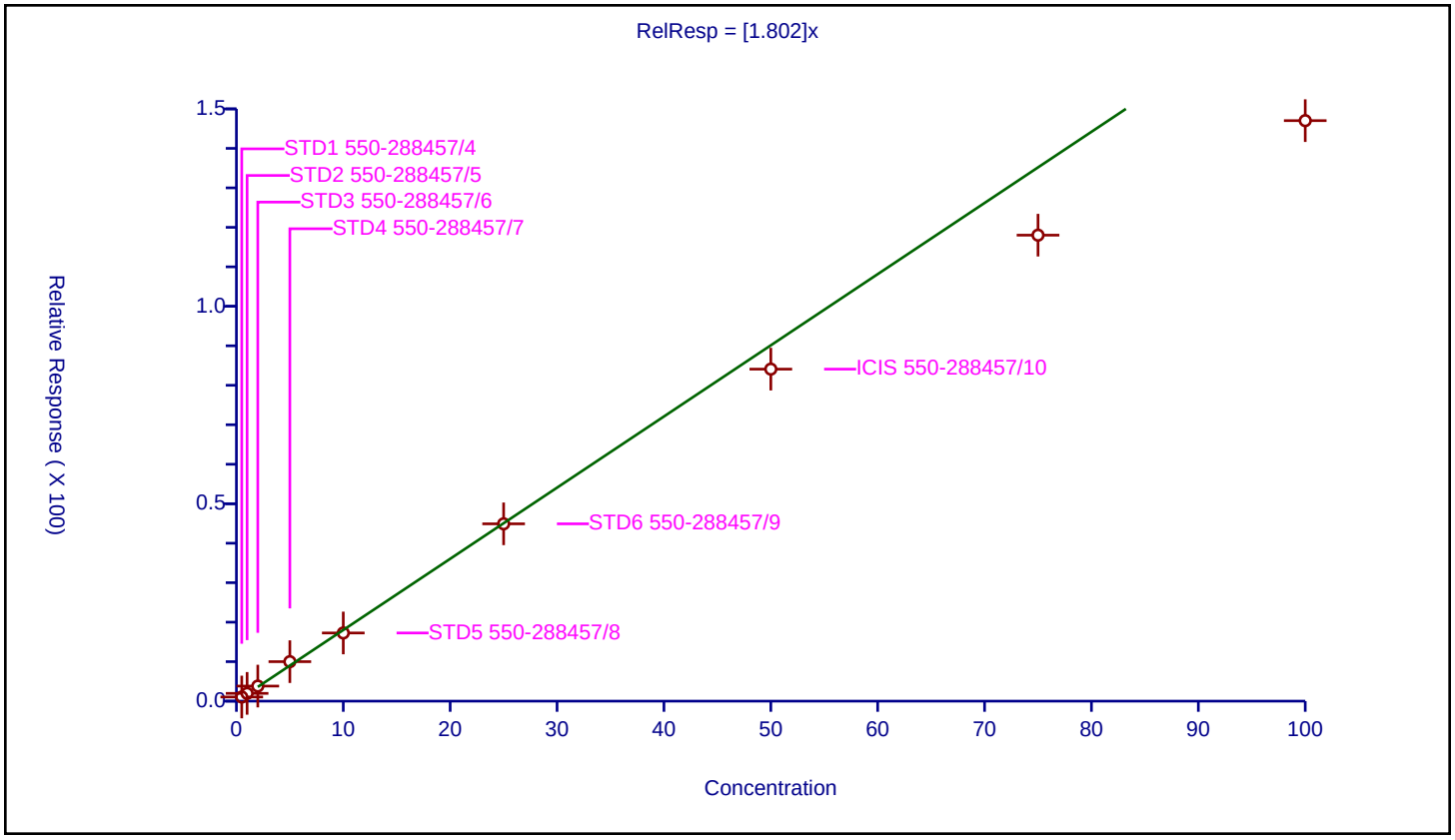
Curve Coefficients

Intercept:	0
Slope:	1.802

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	11.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.049394	25.0	764322.0	2.098788	Y
2	STD2 550-288457/5	1.0	1.96644	25.0	769665.0	1.96644	Y
3	STD3 550-288457/6	2.0	3.815971	25.0	805293.0	1.907986	Y
4	STD4 550-288457/7	5.0	9.999334	25.0	713270.0	1.999867	Y
5	STD5 550-288457/8	10.0	17.266454	25.0	794823.0	1.726645	Y
6	STD6 550-288457/9	25.0	44.906519	25.0	844560.0	1.796261	Y
7	ICIS 550-288457/10	50.0	84.091183	25.0	863023.0	1.681824	Y
8	STD8 550-288457/11	75.0	118.016834	25.0	860276.0	1.573558	Y
9	STD9 550-288457/12	100.0	147.021723	25.0	854672.0	1.470217	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

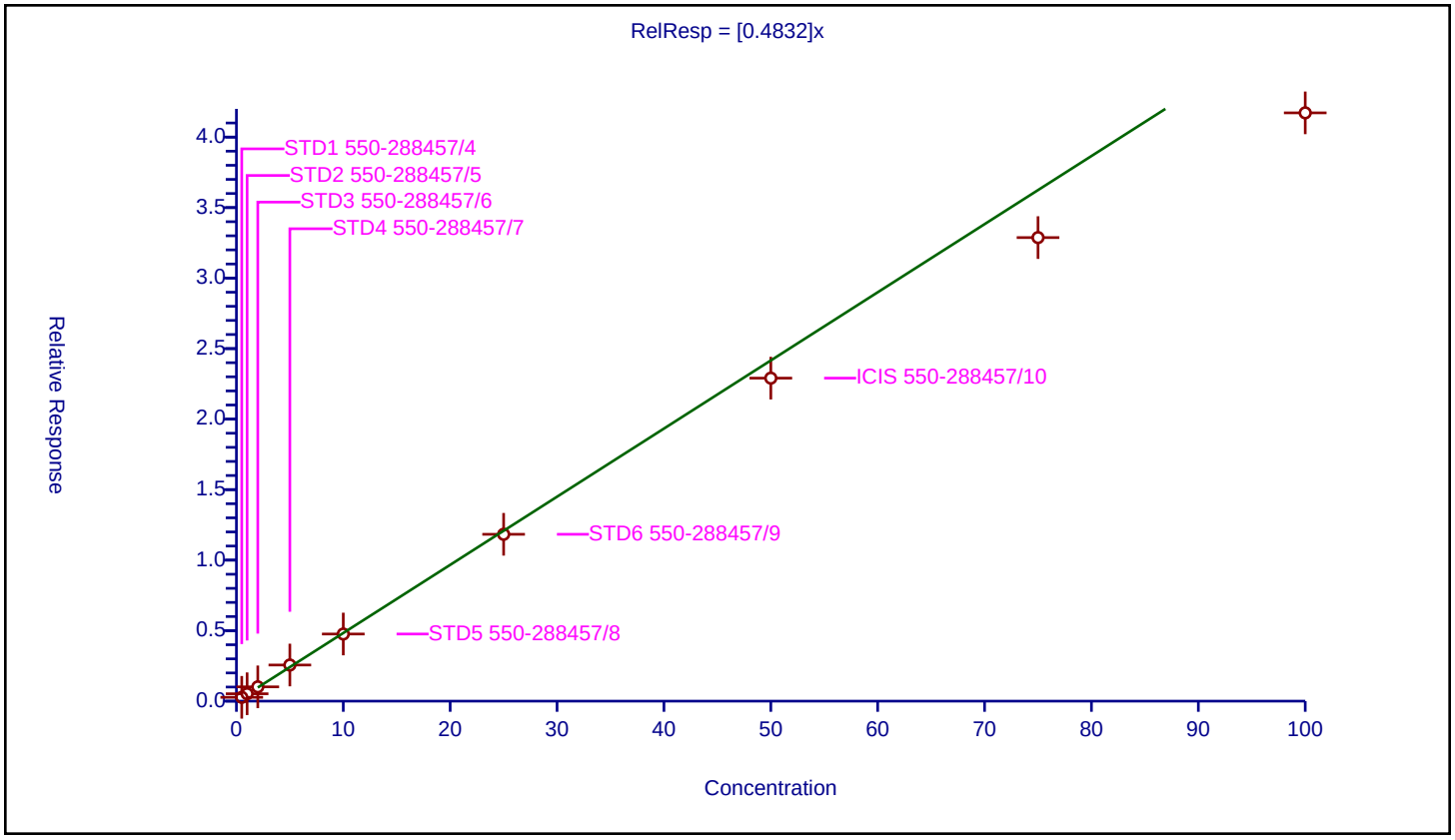
Curve Coefficients

Intercept:	0
Slope:	0.4832

Error Coefficients

Standard Error:	718000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.271123	25.0	764322.0	0.542245	Y
2	STD2 550-288457/5	1.0	0.524352	25.0	769665.0	0.524352	Y
3	STD3 550-288457/6	2.0	1.013699	25.0	805293.0	0.50685	Y
4	STD4 550-288457/7	5.0	2.563055	25.0	713270.0	0.512611	Y
5	STD5 550-288457/8	10.0	4.760085	25.0	794823.0	0.476008	Y
6	STD6 550-288457/9	25.0	11.832197	25.0	844560.0	0.473288	Y
7	ICIS 550-288457/10	50.0	22.906255	25.0	863023.0	0.458125	Y
8	STD8 550-288457/11	75.0	32.872793	25.0	860276.0	0.438304	Y
9	STD9 550-288457/12	100.0	41.718373	25.0	854672.0	0.417184	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

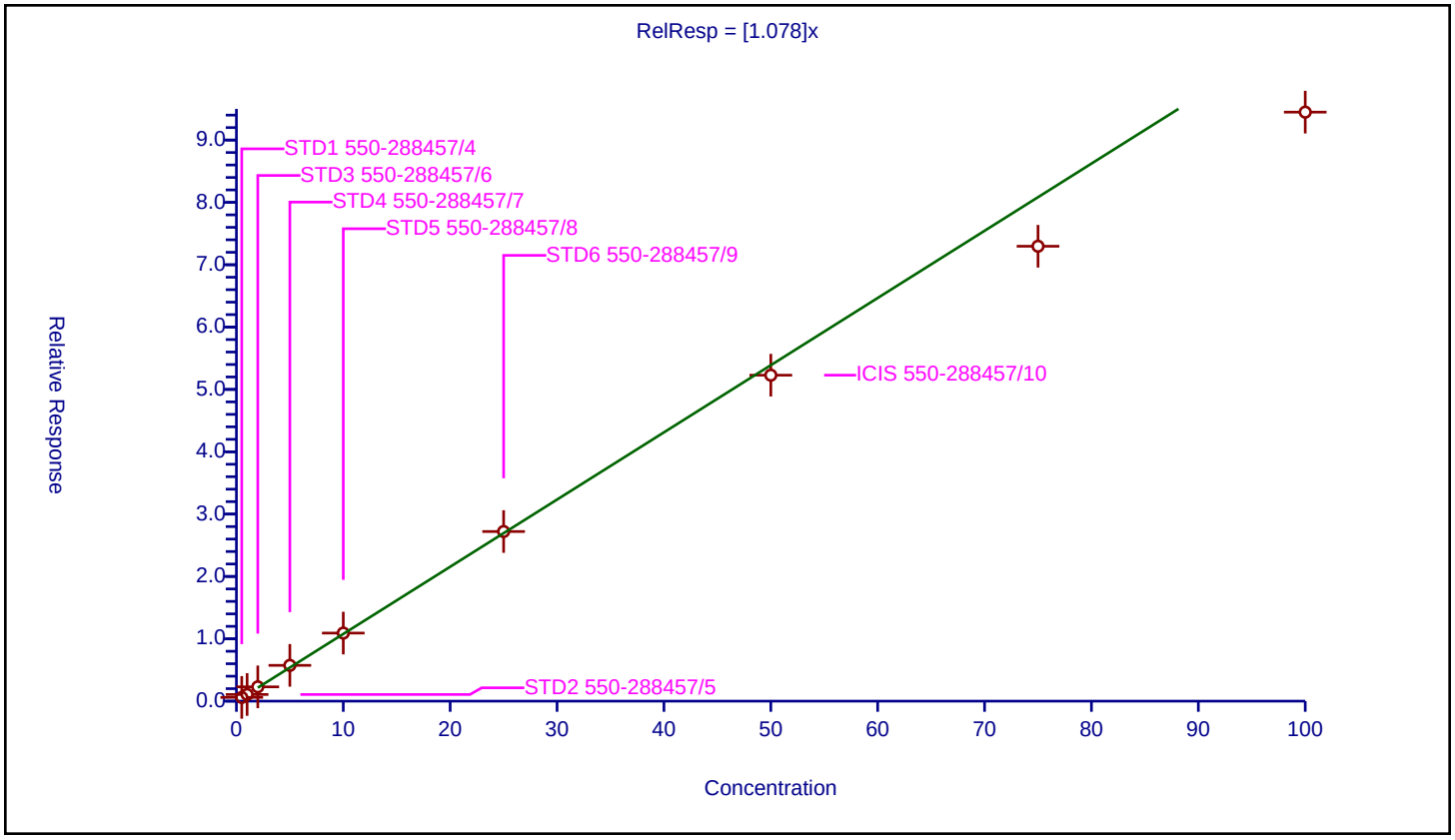
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	7.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.599093	25.0	764322.0	1.198186	Y
2	STD2 550-288457/5	1.0	1.065204	25.0	769665.0	1.065204	Y
3	STD3 550-288457/6	2.0	2.291061	25.0	805293.0	1.14553	Y
4	STD4 550-288457/7	5.0	5.73836	25.0	713270.0	1.147672	Y
5	STD5 550-288457/8	10.0	10.916896	25.0	794823.0	1.09169	Y
6	STD6 550-288457/9	25.0	27.209938	25.0	844560.0	1.088398	Y
7	ICIS 550-288457/10	50.0	52.28476	25.0	863023.0	1.045695	Y
8	STD8 550-288457/11	75.0	72.965885	25.0	860276.0	0.972878	Y
9	STD9 550-288457/12	100.0	94.479695	25.0	854672.0	0.944797	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

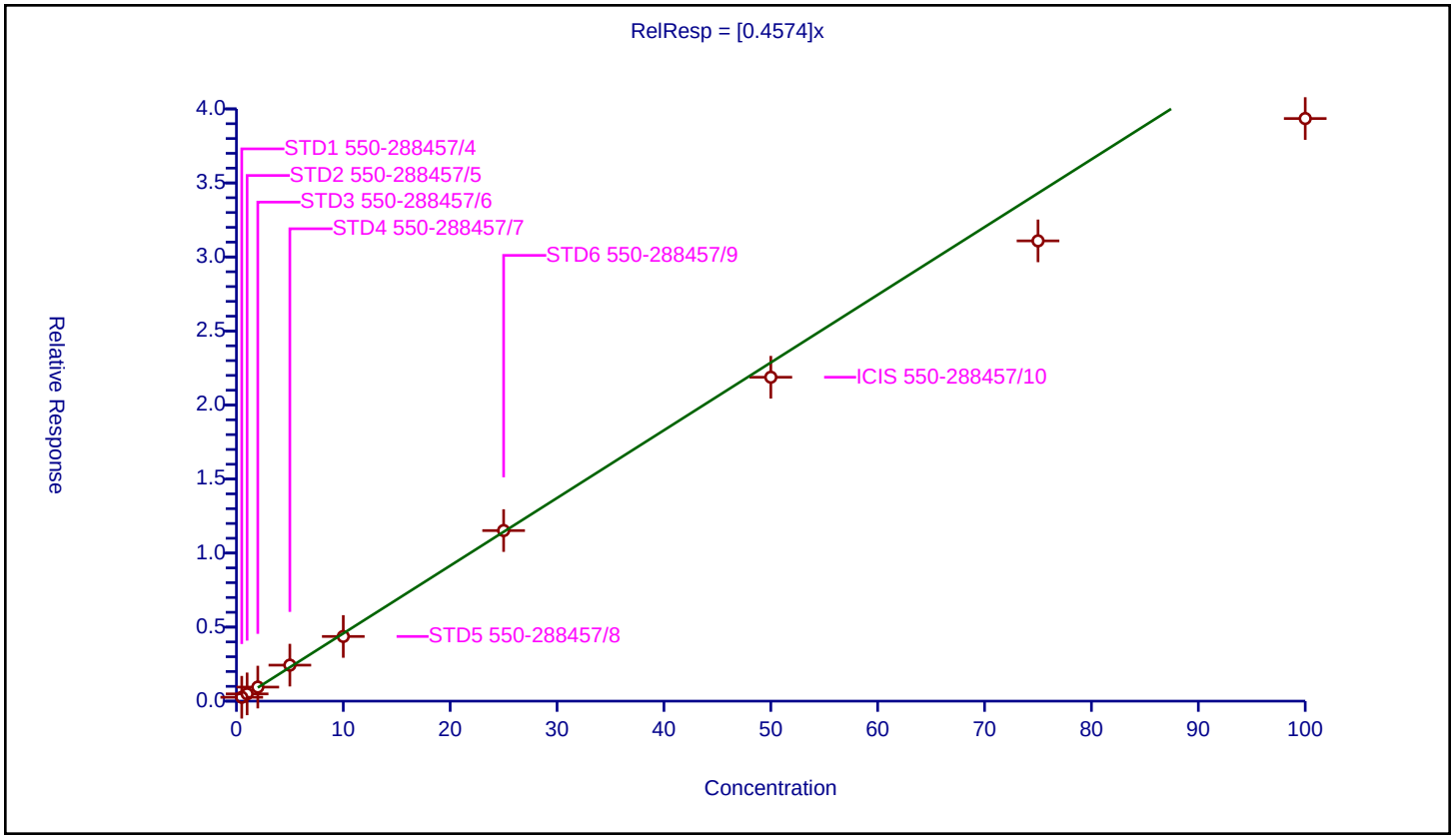
Curve Coefficients

Intercept:	0
Slope:	0.4574

Error Coefficients

Standard Error:	680000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.261048	25.0	764322.0	0.522097	Y
2	STD2 550-288457/5	1.0	0.490376	25.0	769665.0	0.490376	Y
3	STD3 550-288457/6	2.0	0.948692	25.0	805293.0	0.474346	Y
4	STD4 550-288457/7	5.0	2.431968	25.0	713270.0	0.486394	Y
5	STD5 550-288457/8	10.0	4.368866	25.0	794823.0	0.436887	Y
6	STD6 550-288457/9	25.0	11.520496	25.0	844560.0	0.46082	Y
7	ICIS 550-288457/10	50.0	21.876763	25.0	863023.0	0.437535	Y
8	STD8 550-288457/11	75.0	31.086273	25.0	860276.0	0.414484	Y
9	STD9 550-288457/12	100.0	39.348399	25.0	854672.0	0.393484	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

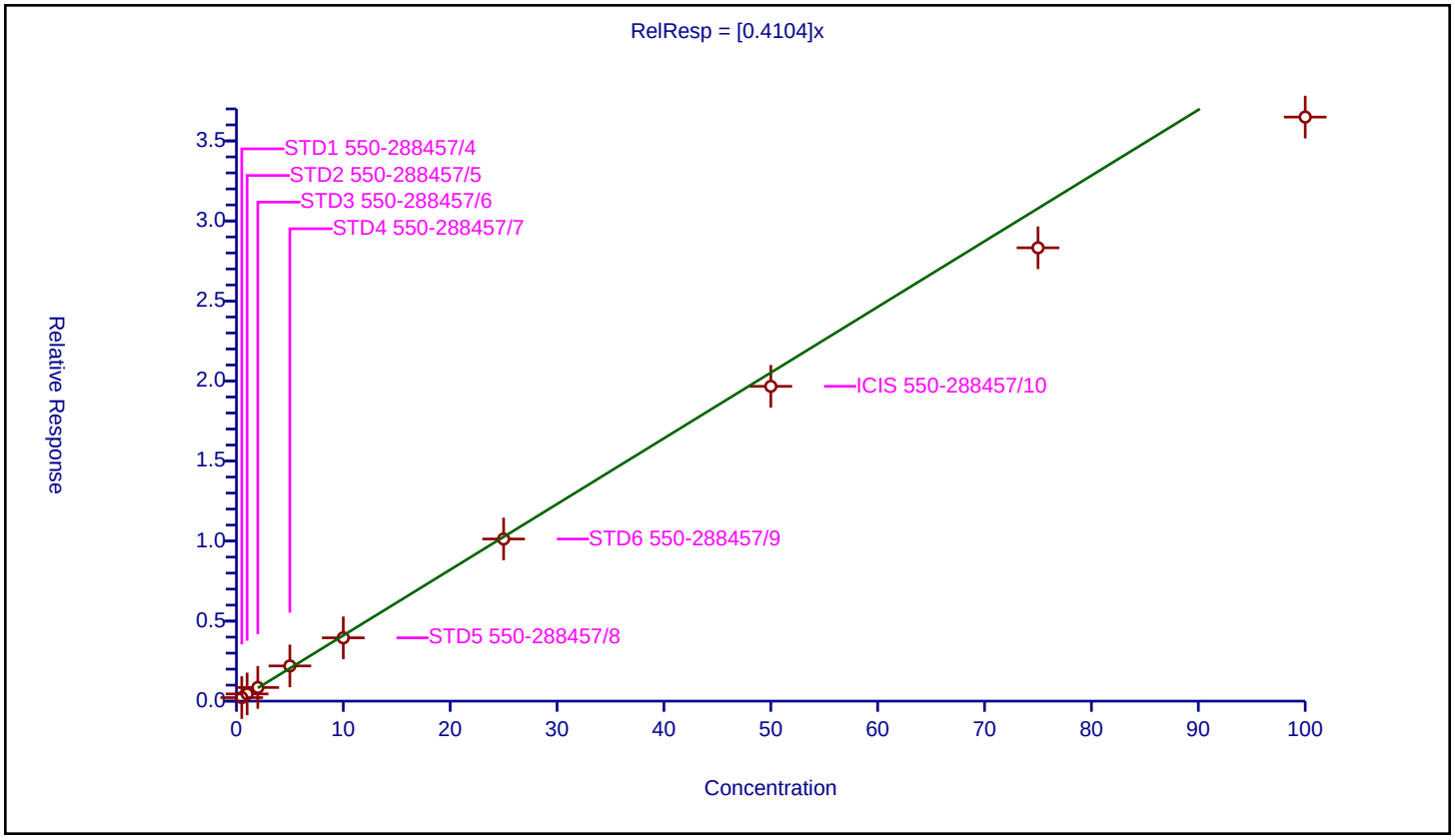
Curve Coefficients

Intercept:	0
Slope:	0.4104

Error Coefficients

Standard Error:	623000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220359	25.0	764322.0	0.440717	Y
2	STD2 550-288457/5	1.0	0.450521	25.0	769665.0	0.450521	Y
3	STD3 550-288457/6	2.0	0.852609	25.0	805293.0	0.426304	Y
4	STD4 550-288457/7	5.0	2.199448	25.0	713270.0	0.43989	Y
5	STD5 550-288457/8	10.0	3.95522	25.0	794823.0	0.395522	Y
6	STD6 550-288457/9	25.0	10.129742	25.0	844560.0	0.40519	Y
7	ICIS 550-288457/10	50.0	19.667263	25.0	863023.0	0.393345	Y
8	STD8 550-288457/11	75.0	28.321812	25.0	860276.0	0.377624	Y
9	STD9 550-288457/12	100.0	36.489408	25.0	854672.0	0.364894	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

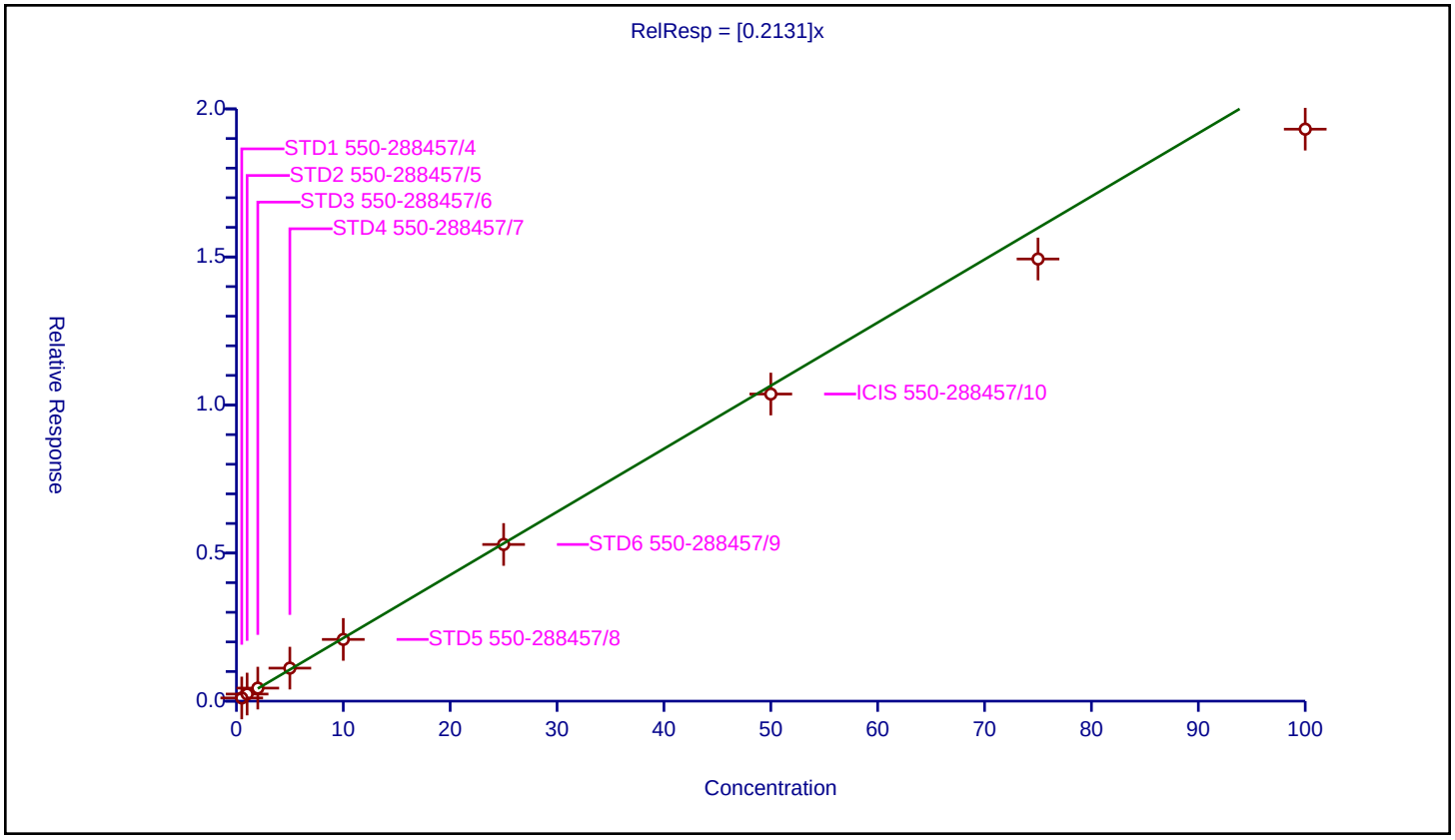
Curve Coefficients

Intercept:	0
Slope:	0.2131

Error Coefficients

Standard Error:	329000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.107415	25.0	764322.0	0.214831	Y
2	STD2 550-288457/5	1.0	0.240104	25.0	769665.0	0.240104	Y
3	STD3 550-288457/6	2.0	0.439933	25.0	805293.0	0.219967	Y
4	STD4 550-288457/7	5.0	1.115006	25.0	713270.0	0.223001	Y
5	STD5 550-288457/8	10.0	2.084049	25.0	794823.0	0.208405	Y
6	STD6 550-288457/9	25.0	5.291217	25.0	844560.0	0.211649	Y
7	ICIS 550-288457/10	50.0	10.37061	25.0	863023.0	0.207412	Y
8	STD8 550-288457/11	75.0	14.93079	25.0	860276.0	0.199077	Y
9	STD9 550-288457/12	100.0	19.315919	25.0	854672.0	0.193159	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

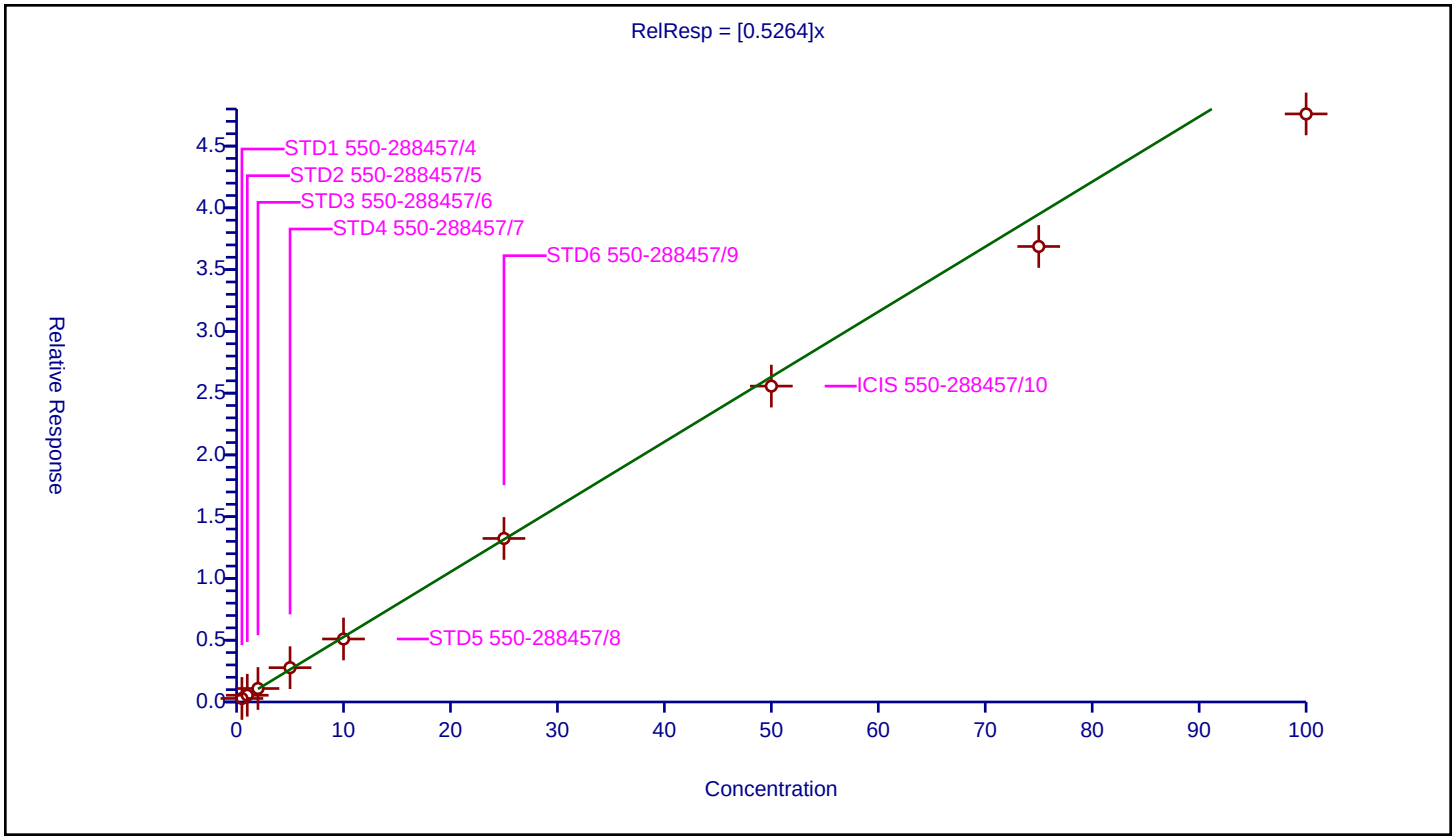
Curve Coefficients

Intercept:	0
Slope:	0.5264

Error Coefficients

Standard Error:	812000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.286986	25.0	764322.0	0.573973	Y
2	STD2 550-288457/5	1.0	0.544782	25.0	769665.0	0.544782	Y
3	STD3 550-288457/6	2.0	1.090411	25.0	805293.0	0.545205	Y
4	STD4 550-288457/7	5.0	2.776368	25.0	713270.0	0.555274	Y
5	STD5 550-288457/8	10.0	5.099563	25.0	794823.0	0.509956	Y
6	STD6 550-288457/9	25.0	13.23781	25.0	844560.0	0.529512	Y
7	ICIS 550-288457/10	50.0	25.569915	25.0	863023.0	0.511398	Y
8	STD8 550-288457/11	75.0	36.871452	25.0	860276.0	0.491619	Y
9	STD9 550-288457/12	100.0	47.601799	25.0	854672.0	0.476018	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

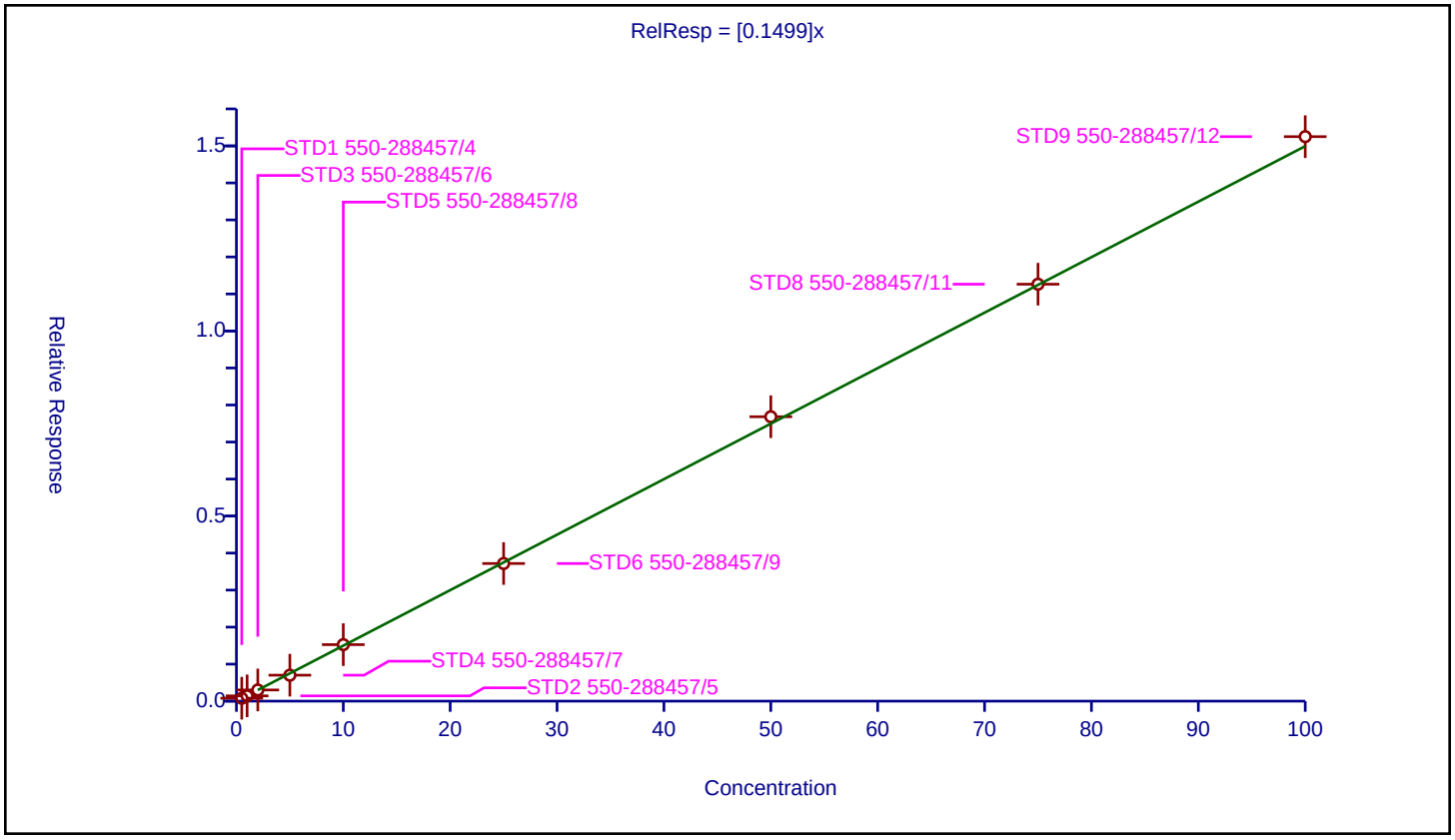
Curve Coefficients

Intercept:	0
Slope:	0.1499

Error Coefficients

Standard Error:	253000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.078828	25.0	764322.0	0.157656	Y
2	STD2 550-288457/5	1.0	0.142692	25.0	769665.0	0.142692	Y
3	STD3 550-288457/6	2.0	0.302095	25.0	805293.0	0.151048	Y
4	STD4 550-288457/7	5.0	0.700997	25.0	713270.0	0.140199	Y
5	STD5 550-288457/8	10.0	1.526378	25.0	794823.0	0.152638	Y
6	STD6 550-288457/9	25.0	3.718356	25.0	844560.0	0.148734	Y
7	ICIS 550-288457/10	50.0	7.683862	25.0	863023.0	0.153677	Y
8	STD8 550-288457/11	75.0	11.263769	25.0	860276.0	0.150184	Y
9	STD9 550-288457/12	100.0	15.250119	25.0	854672.0	0.152501	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

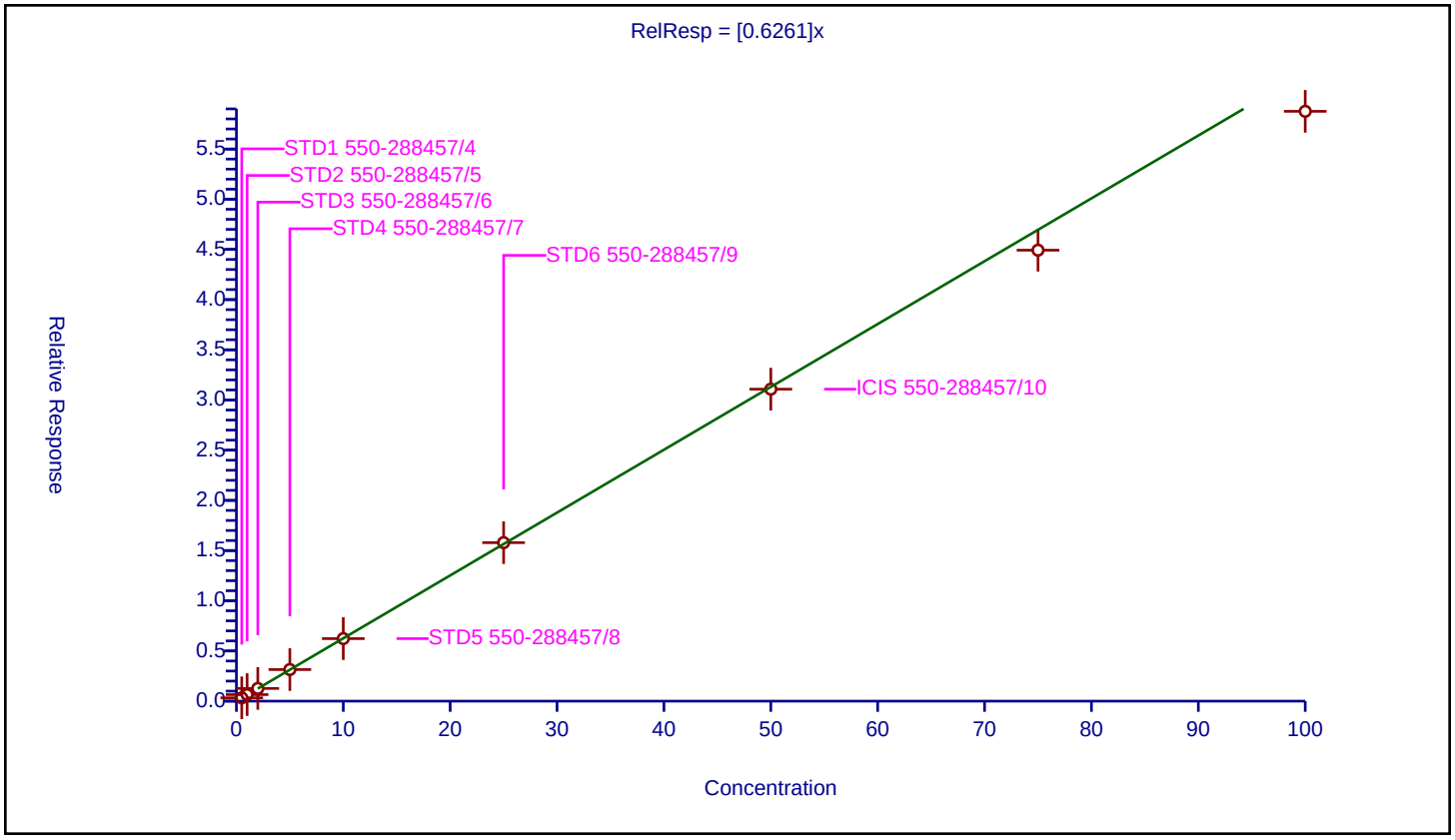
Curve Coefficients

Intercept:	0
Slope:	0.6261

Error Coefficients

Standard Error:	994000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.329639	25.0	764322.0	0.659277	Y
2	STD2 550-288457/5	1.0	0.65142	25.0	769665.0	0.65142	Y
3	STD3 550-288457/6	2.0	1.264602	25.0	805293.0	0.632301	Y
4	STD4 550-288457/7	5.0	3.145268	25.0	713270.0	0.629054	Y
5	STD5 550-288457/8	10.0	6.228494	25.0	794823.0	0.622849	Y
6	STD6 550-288457/9	25.0	15.788369	25.0	844560.0	0.631535	Y
7	ICIS 550-288457/10	50.0	31.07956	25.0	863023.0	0.621591	Y
8	STD8 550-288457/11	75.0	44.924391	25.0	860276.0	0.598992	Y
9	STD9 550-288457/12	100.0	58.75836	25.0	854672.0	0.587584	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

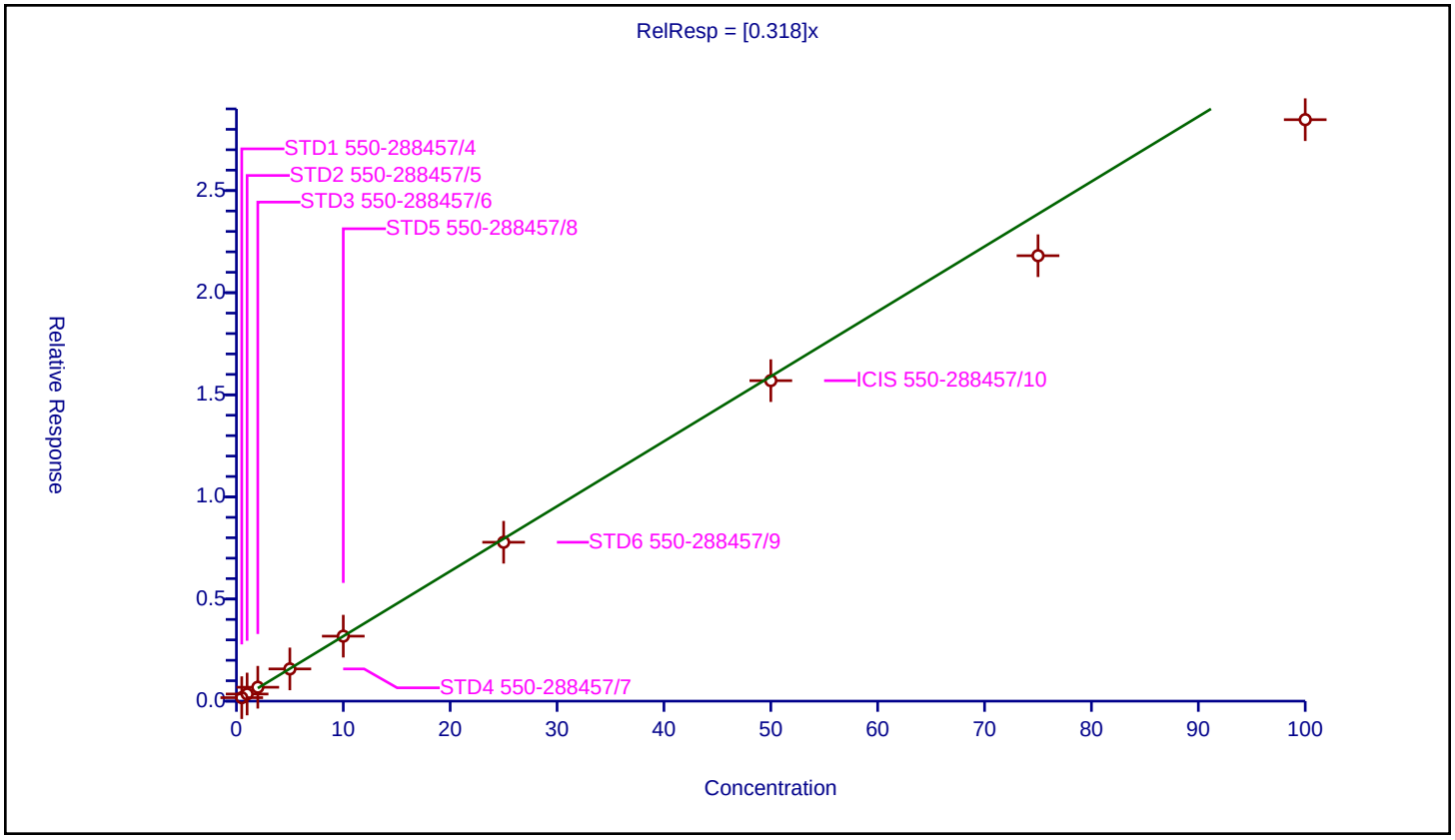
Curve Coefficients

Intercept:	0
Slope:	0.318

Error Coefficients

Standard Error:	486000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.169791	25.0	764322.0	0.339582	Y
2	STD2 550-288457/5	1.0	0.348398	25.0	769665.0	0.348398	Y
3	STD3 550-288457/6	2.0	0.680156	25.0	805293.0	0.340078	Y
4	STD4 550-288457/7	5.0	1.577348	25.0	713270.0	0.31547	Y
5	STD5 550-288457/8	10.0	3.181494	25.0	794823.0	0.318149	Y
6	STD6 550-288457/9	25.0	7.779939	25.0	844560.0	0.311198	Y
7	ICIS 550-288457/10	50.0	15.693643	25.0	863023.0	0.313873	Y
8	STD8 550-288457/11	75.0	21.811517	25.0	860276.0	0.29082	Y
9	STD9 550-288457/12	100.0	28.472297	25.0	854672.0	0.284723	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

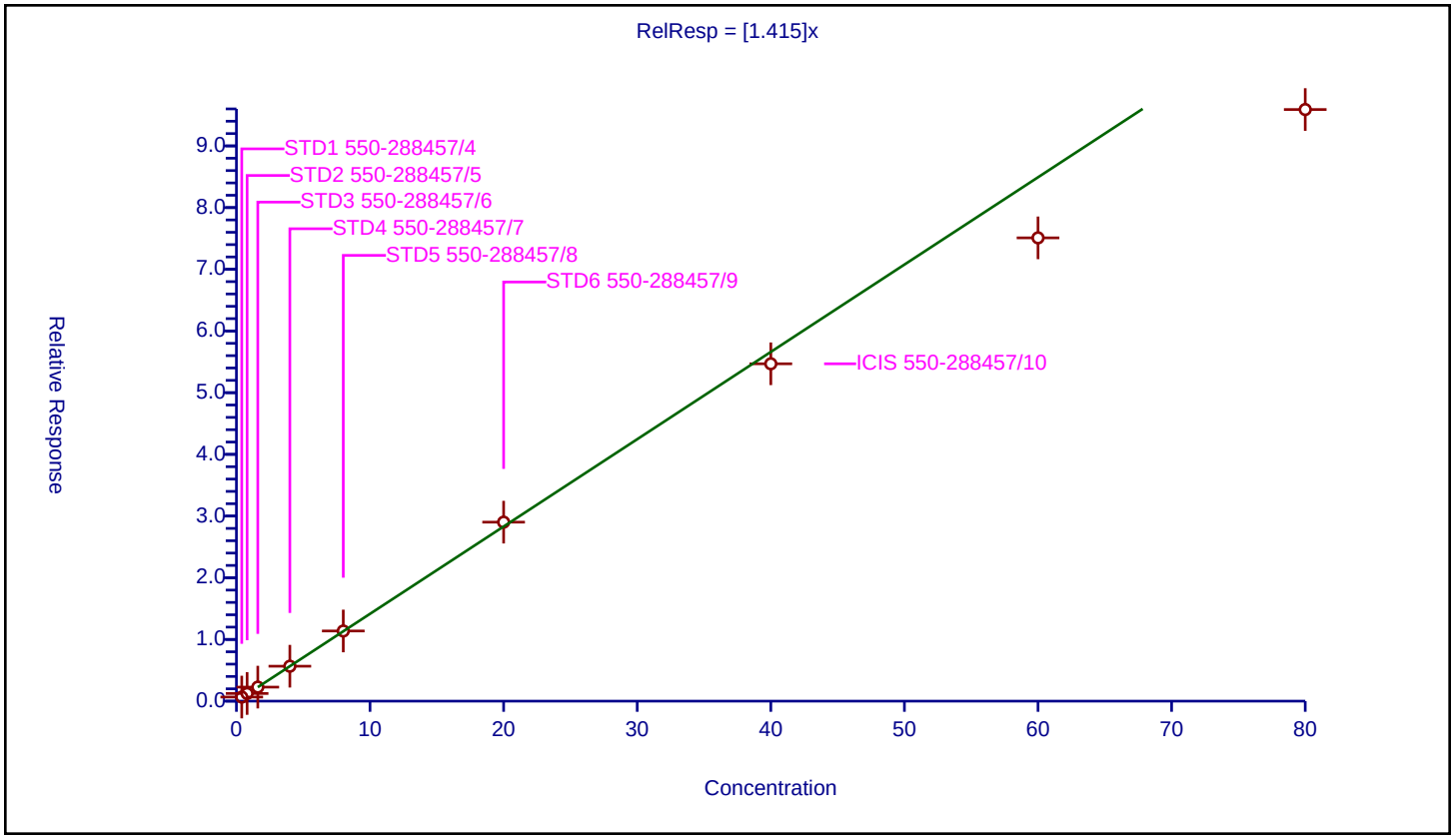
Curve Coefficients

Intercept:	0
Slope:	1.415

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	9.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.663039	25.0	764322.0	1.657597	Y
2	STD2 550-288457/5	0.8	1.242359	25.0	769665.0	1.552948	Y
3	STD3 550-288457/6	1.6	2.274296	25.0	805293.0	1.421435	Y
4	STD4 550-288457/7	4.0	5.661951	25.0	713270.0	1.415488	Y
5	STD5 550-288457/8	8.0	11.371557	25.0	794823.0	1.421445	Y
6	STD6 550-288457/9	20.0	29.015049	25.0	844560.0	1.450752	Y
7	ICIS 550-288457/10	40.0	54.683537	25.0	863023.0	1.367088	Y
8	STD8 550-288457/11	60.0	75.096888	25.0	860276.0	1.251615	Y
9	STD9 550-288457/12	80.0	95.895589	25.0	854672.0	1.198695	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

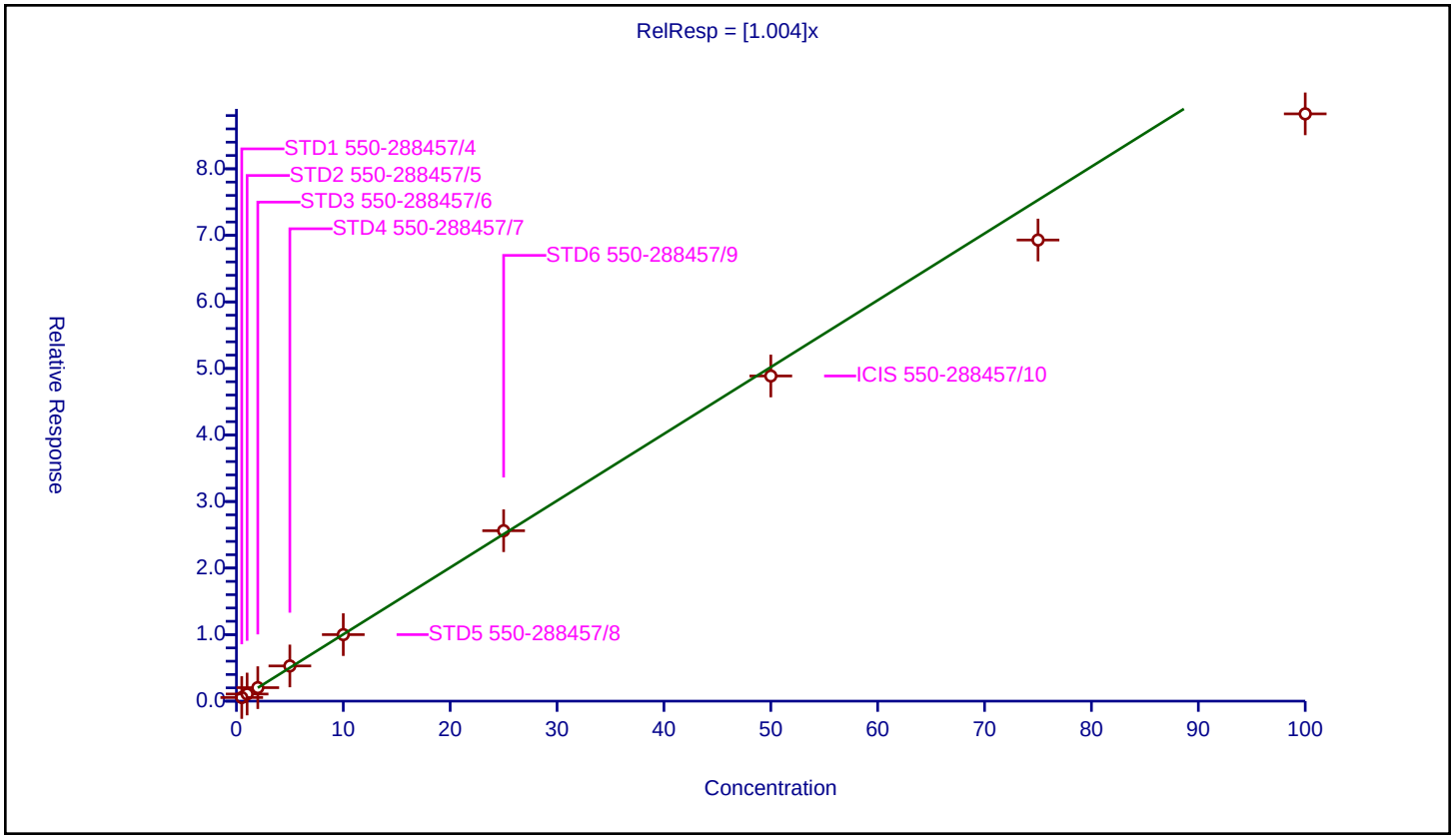
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.543815	25.0	764322.0	1.087631	Y
2	STD2 550-288457/5	1.0	1.069816	25.0	769665.0	1.069816	Y
3	STD3 550-288457/6	2.0	2.02566	25.0	805293.0	1.01283	Y
4	STD4 550-288457/7	5.0	5.287759	25.0	713270.0	1.057552	Y
5	STD5 550-288457/8	10.0	9.996439	25.0	794823.0	0.999644	Y
6	STD6 550-288457/9	25.0	25.611472	25.0	844560.0	1.024459	Y
7	ICIS 550-288457/10	50.0	48.861821	25.0	863023.0	0.977236	Y
8	STD8 550-288457/11	75.0	69.295319	25.0	860276.0	0.923938	Y
9	STD9 550-288457/12	100.0	88.257279	25.0	854672.0	0.882573	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

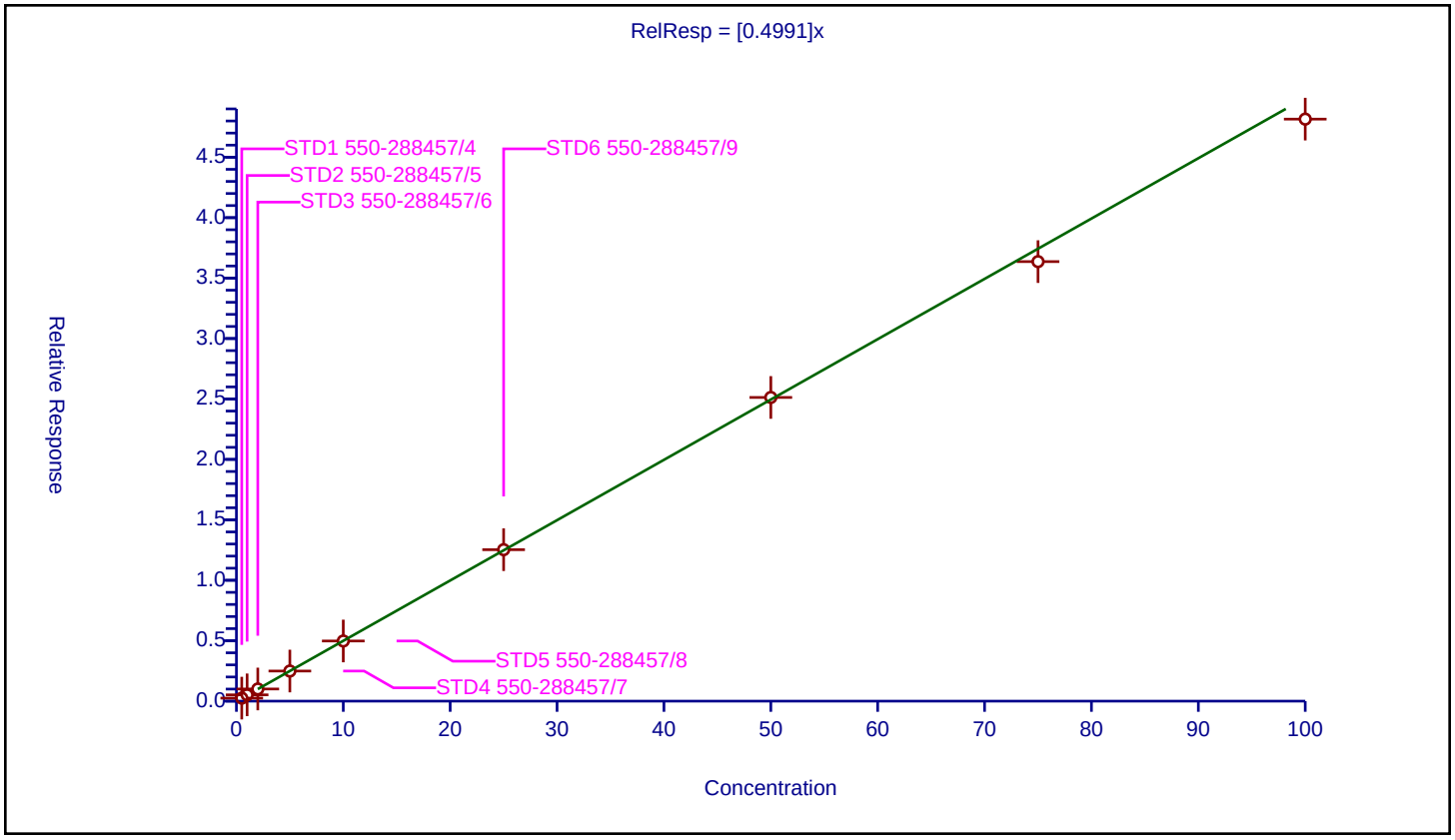
Curve Coefficients

Intercept:	0
Slope:	0.4991

Error Coefficients

Standard Error:	809000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.251007	25.0	764322.0	0.502014	Y
2	STD2 550-288457/5	1.0	0.520291	25.0	769665.0	0.520291	Y
3	STD3 550-288457/6	2.0	1.006621	25.0	805293.0	0.503311	Y
4	STD4 550-288457/7	5.0	2.491483	25.0	713270.0	0.498297	Y
5	STD5 550-288457/8	10.0	4.976171	25.0	794823.0	0.497617	Y
6	STD6 550-288457/9	25.0	12.530519	25.0	844560.0	0.501221	Y
7	ICIS 550-288457/10	50.0	25.127169	25.0	863023.0	0.502543	Y
8	STD8 550-288457/11	75.0	36.36519	25.0	860276.0	0.484869	Y
9	STD9 550-288457/12	100.0	48.153619	25.0	854672.0	0.481536	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

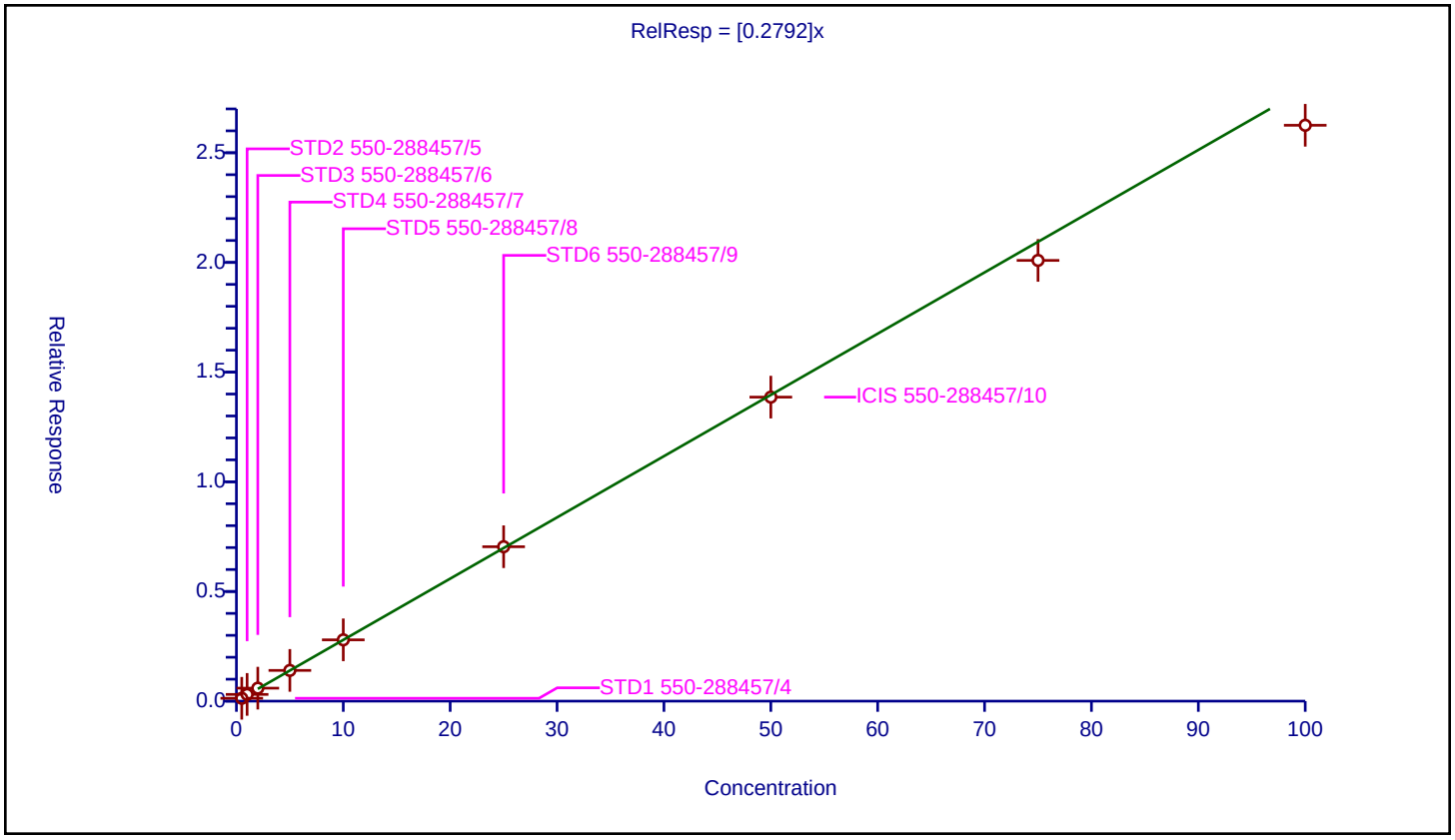
Curve Coefficients

Intercept:	0
Slope:	0.2792

Error Coefficients

Standard Error:	444000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.130966	25.0	764322.0	0.261931	Y
2	STD2 550-288457/5	1.0	0.306172	25.0	769665.0	0.306172	Y
3	STD3 550-288457/6	2.0	0.591896	25.0	805293.0	0.295948	Y
4	STD4 550-288457/7	5.0	1.400837	25.0	713270.0	0.280167	Y
5	STD5 550-288457/8	10.0	2.794301	25.0	794823.0	0.27943	Y
6	STD6 550-288457/9	25.0	7.039612	25.0	844560.0	0.281584	Y
7	ICIS 550-288457/10	50.0	13.859567	25.0	863023.0	0.277191	Y
8	STD8 550-288457/11	75.0	20.09265	25.0	860276.0	0.267902	Y
9	STD9 550-288457/12	100.0	26.252937	25.0	854672.0	0.262529	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

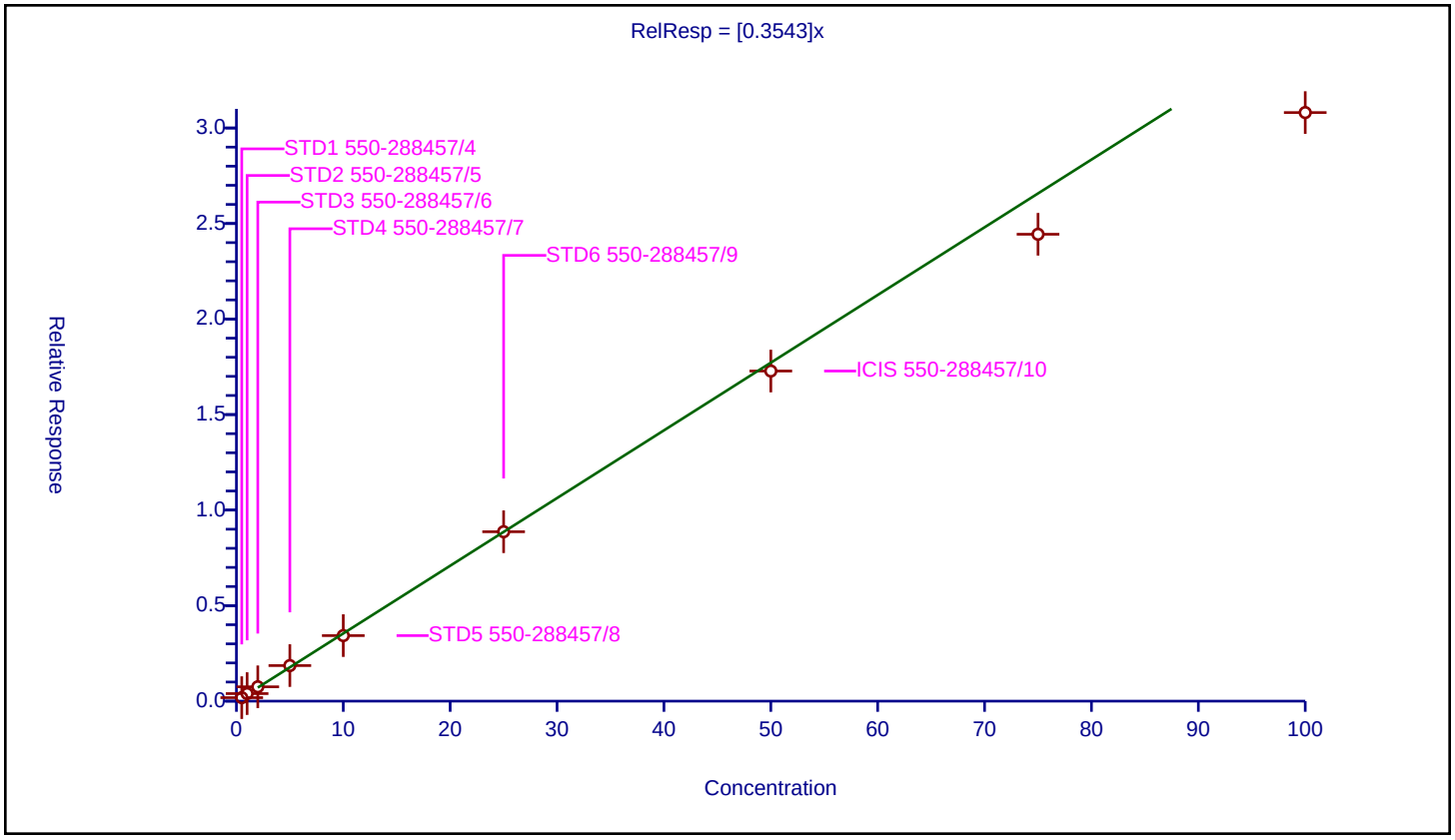
Curve Coefficients

Intercept:	0
Slope:	0.3543

Error Coefficients

Standard Error:	534000
Relative Standard Error:	7.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.183921	25.0	764322.0	0.367842	Y
2	STD2 550-288457/5	1.0	0.395887	25.0	769665.0	0.395887	Y
3	STD3 550-288457/6	2.0	0.751031	25.0	805293.0	0.375515	Y
4	STD4 550-288457/7	5.0	1.862163	25.0	713270.0	0.372433	Y
5	STD5 550-288457/8	10.0	3.429663	25.0	794823.0	0.342966	Y
6	STD6 550-288457/9	25.0	8.866954	25.0	844560.0	0.354678	Y
7	ICIS 550-288457/10	50.0	17.278711	25.0	863023.0	0.345574	Y
8	STD8 550-288457/11	75.0	24.437303	25.0	860276.0	0.325831	Y
9	STD9 550-288457/12	100.0	30.808047	25.0	854672.0	0.30808	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

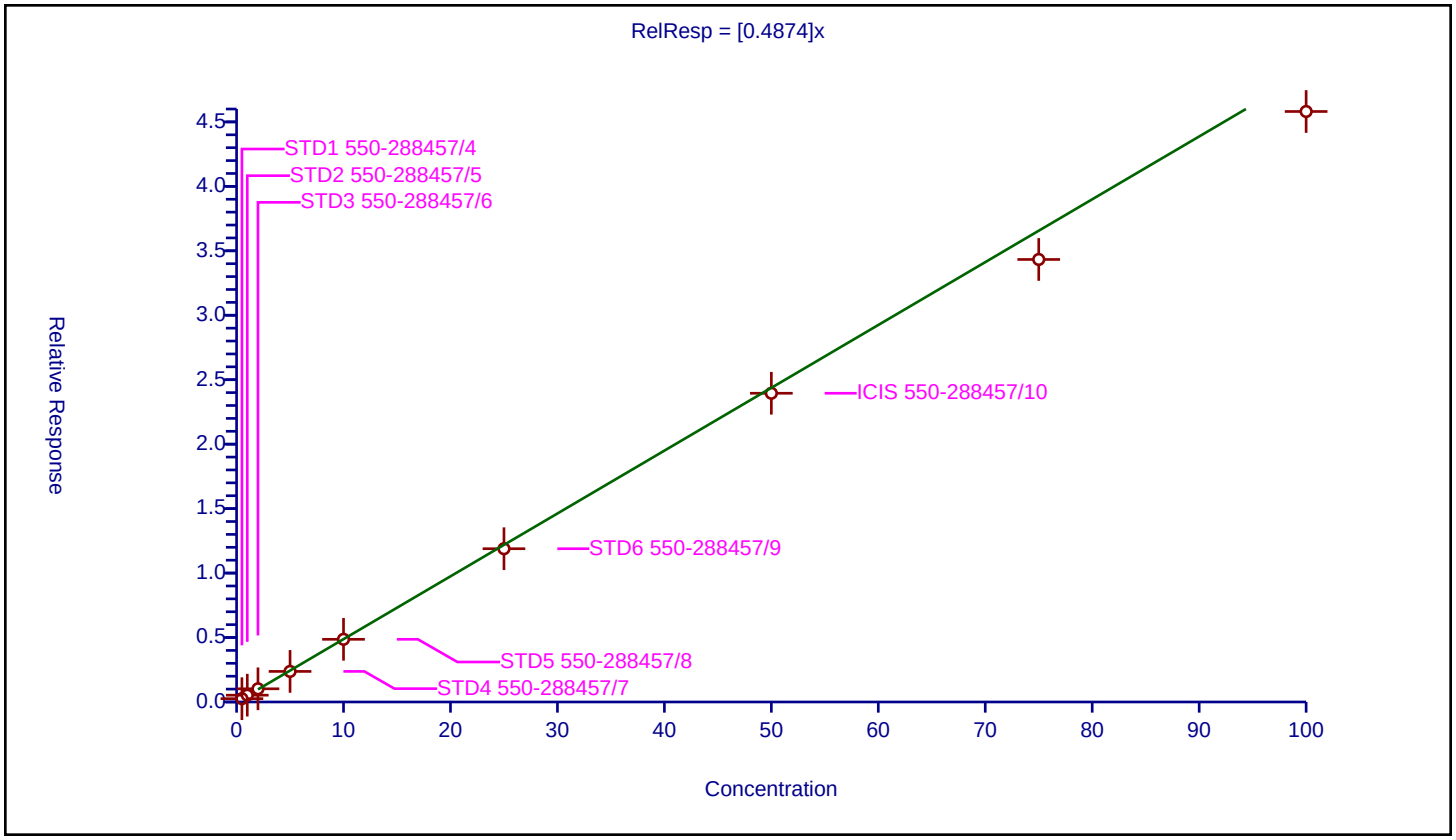
Curve Coefficients

Intercept:	0
Slope:	0.4874

Error Coefficients

Standard Error:	768000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.258268	25.0	764322.0	0.516536	Y
2	STD2 550-288457/5	1.0	0.527989	25.0	769665.0	0.527989	Y
3	STD3 550-288457/6	2.0	1.022733	25.0	805293.0	0.511367	Y
4	STD4 550-288457/7	5.0	2.371718	25.0	713270.0	0.474344	Y
5	STD5 550-288457/8	10.0	4.86319	25.0	794823.0	0.486319	Y
6	STD6 550-288457/9	25.0	11.889741	25.0	844560.0	0.47559	Y
7	ICIS 550-288457/10	50.0	23.950028	25.0	863023.0	0.479001	Y
8	STD8 550-288457/11	75.0	34.328053	25.0	860276.0	0.457707	Y
9	STD9 550-288457/12	100.0	45.808129	25.0	854672.0	0.458081	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

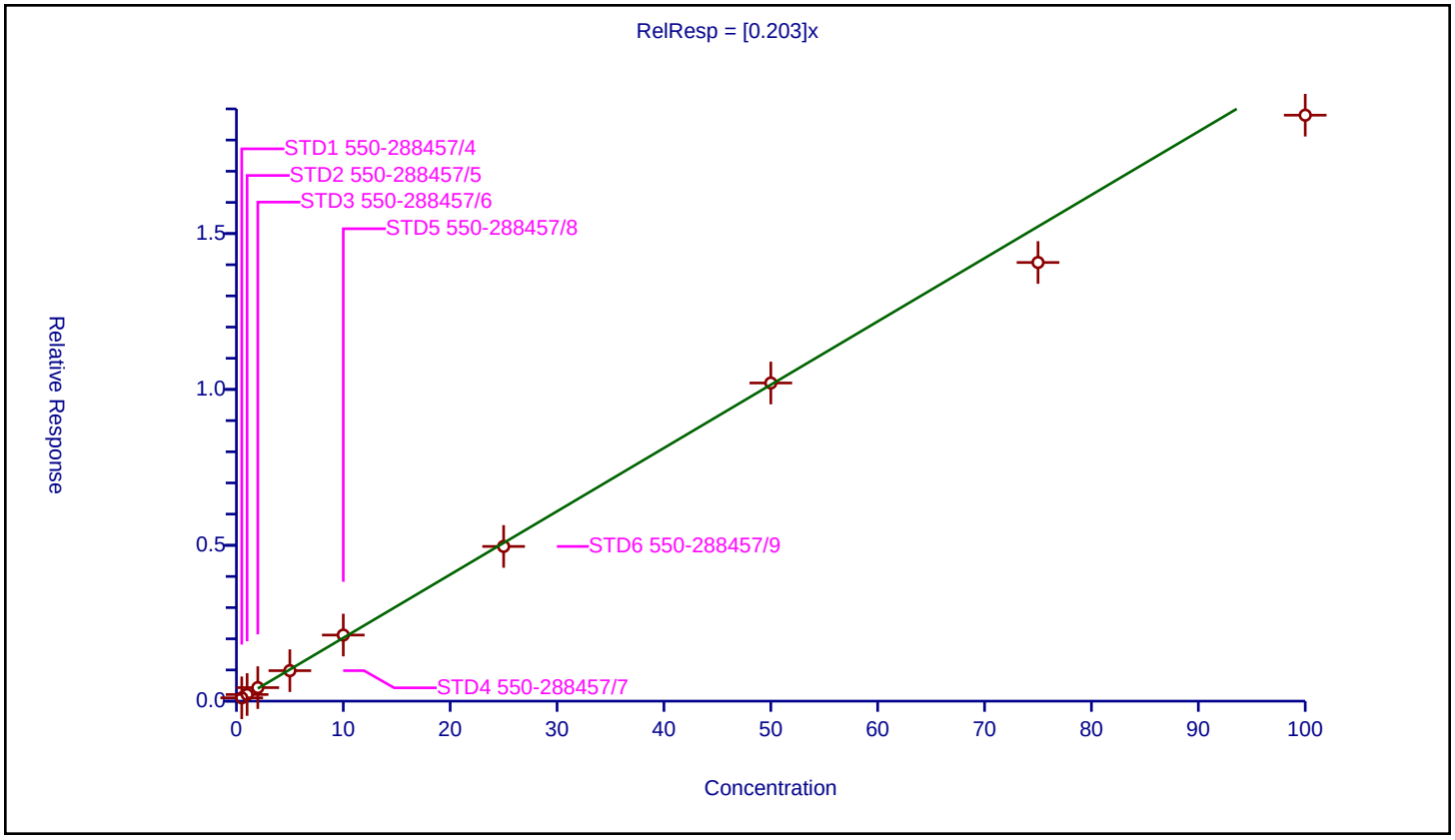
Curve Coefficients

Intercept:	0
Slope:	0.203

Error Coefficients

Standard Error:	317000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.106042	25.0	764322.0	0.212083	Y
2	STD2 550-288457/5	1.0	0.21217	25.0	769665.0	0.21217	Y
3	STD3 550-288457/6	2.0	0.433786	25.0	805293.0	0.216893	Y
4	STD4 550-288457/7	5.0	0.978066	25.0	713270.0	0.195613	Y
5	STD5 550-288457/8	10.0	2.120126	25.0	794823.0	0.212013	Y
6	STD6 550-288457/9	25.0	4.963028	25.0	844560.0	0.198521	Y
7	ICIS 550-288457/10	50.0	10.206478	25.0	863023.0	0.20413	Y
8	STD8 550-288457/11	75.0	14.072577	25.0	860276.0	0.187634	Y
9	STD9 550-288457/12	100.0	18.798761	25.0	854672.0	0.187988	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

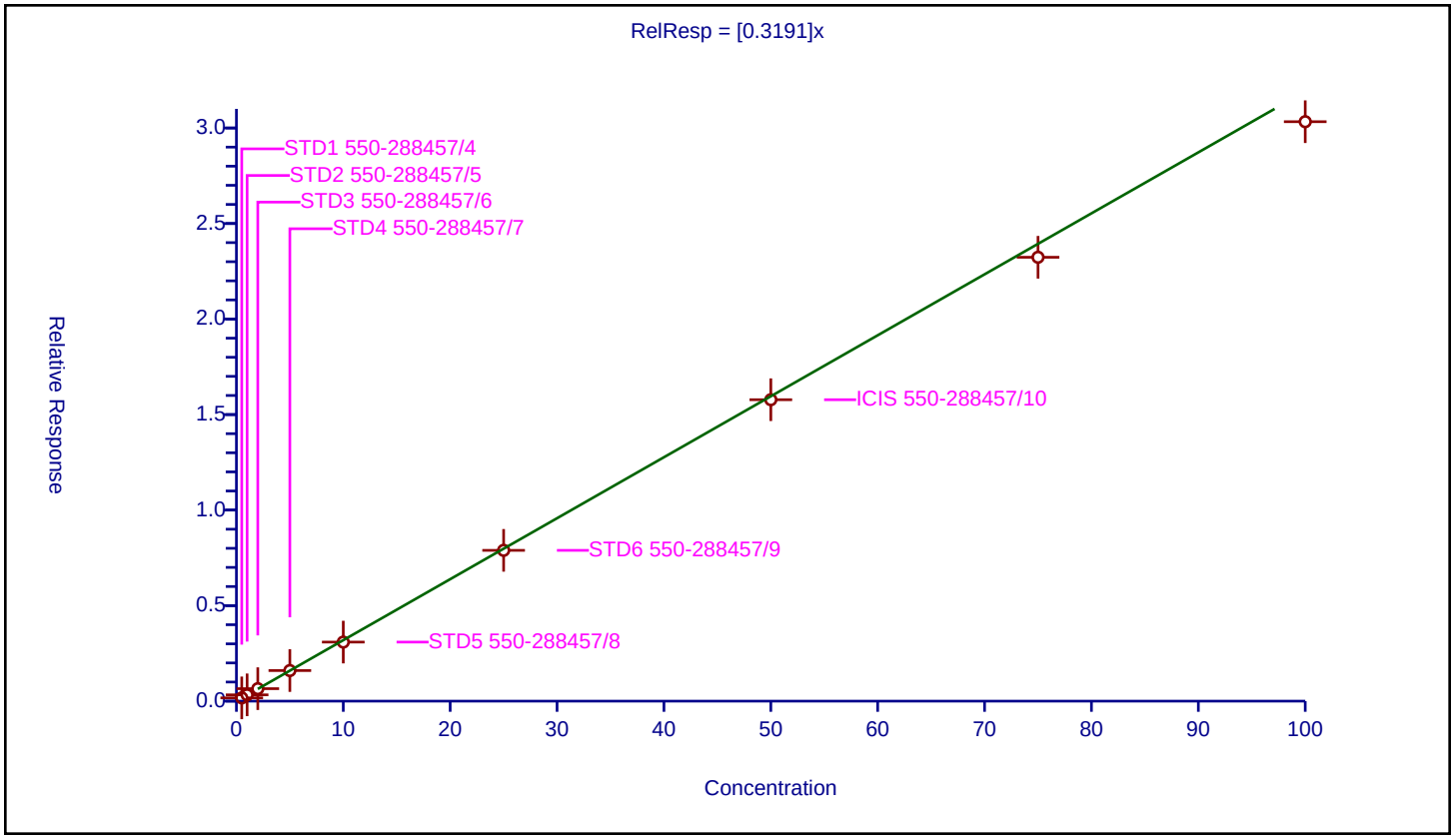
Curve Coefficients

Intercept:	0
Slope:	0.3191

Error Coefficients

Standard Error:	512000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.171132	25.0	764322.0	0.342264	Y
2	STD2 550-288457/5	1.0	0.330111	25.0	769665.0	0.330111	Y
3	STD3 550-288457/6	2.0	0.652433	25.0	805293.0	0.326217	Y
4	STD4 550-288457/7	5.0	1.601392	25.0	713270.0	0.320278	Y
5	STD5 550-288457/8	10.0	3.091223	25.0	794823.0	0.309122	Y
6	STD6 550-288457/9	25.0	7.89263	25.0	844560.0	0.315705	Y
7	ICIS 550-288457/10	50.0	15.778085	25.0	863023.0	0.315562	Y
8	STD8 550-288457/11	75.0	23.233765	25.0	860276.0	0.309784	Y
9	STD9 550-288457/12	100.0	30.330086	25.0	854672.0	0.303301	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

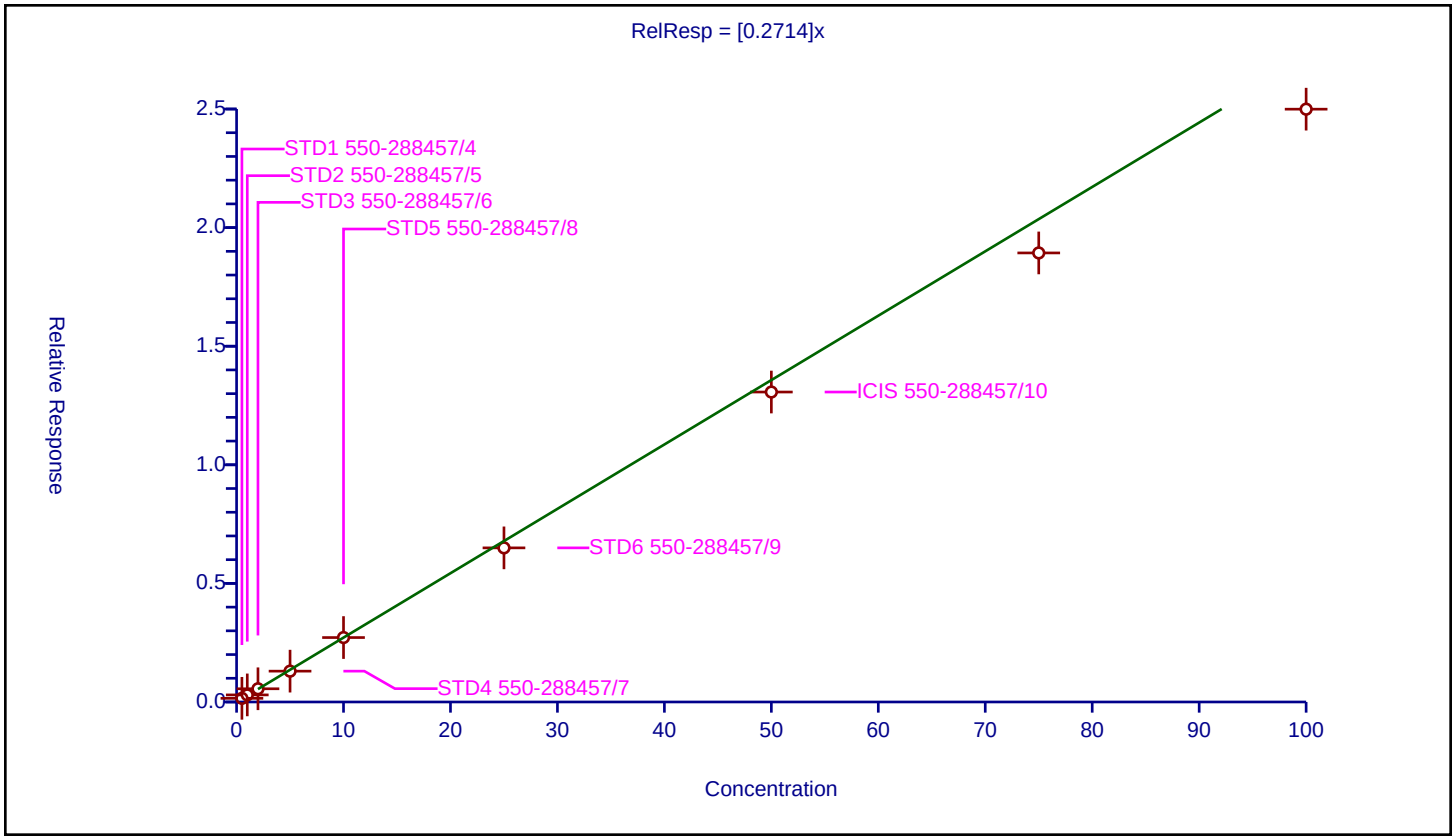
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Standard Error:	421000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.155072	25.0	764322.0	0.310144	Y
2	STD2 550-288457/5	1.0	0.298669	25.0	769665.0	0.298669	Y
3	STD3 550-288457/6	2.0	0.557437	25.0	805293.0	0.278718	Y
4	STD4 550-288457/7	5.0	1.300139	25.0	713270.0	0.260028	Y
5	STD5 550-288457/8	10.0	2.716611	25.0	794823.0	0.271661	Y
6	STD6 550-288457/9	25.0	6.497318	25.0	844560.0	0.259893	Y
7	ICIS 550-288457/10	50.0	13.067815	25.0	863023.0	0.261356	Y
8	STD8 550-288457/11	75.0	18.932035	25.0	860276.0	0.252427	Y
9	STD9 550-288457/12	100.0	24.993009	25.0	854672.0	0.24993	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

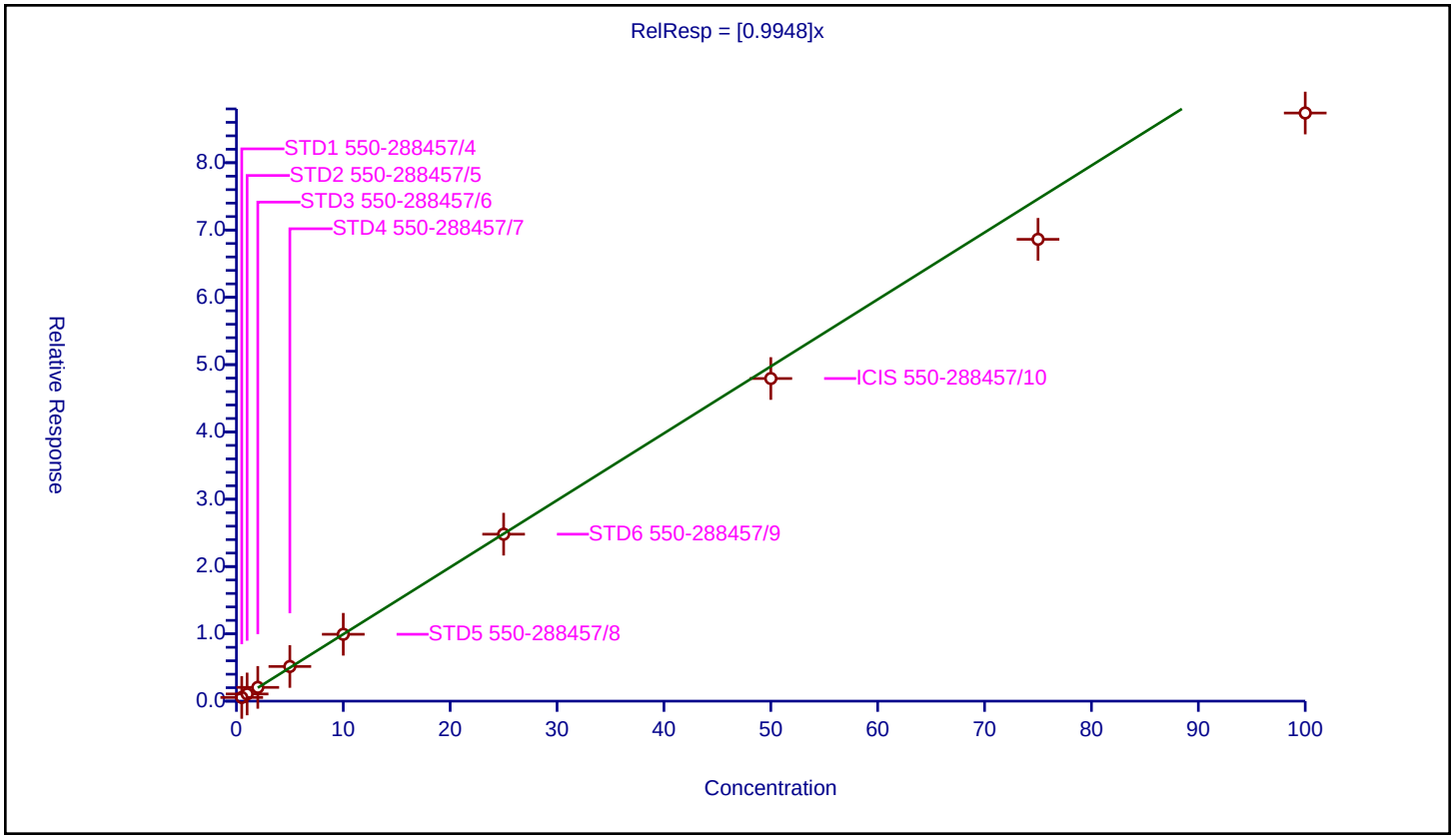
Curve Coefficients

Intercept:	0
Slope:	0.9948

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.549997	25.0	764322.0	1.099995	Y
2	STD2 550-288457/5	1.0	1.068127	25.0	769665.0	1.068127	Y
3	STD3 550-288457/6	2.0	2.043294	25.0	805293.0	1.021647	Y
4	STD4 550-288457/7	5.0	5.149838	25.0	713270.0	1.029968	Y
5	STD5 550-288457/8	10.0	9.93457	25.0	794823.0	0.993457	Y
6	STD6 550-288457/9	25.0	24.807888	25.0	844560.0	0.992316	Y
7	ICIS 550-288457/10	50.0	47.937801	25.0	863023.0	0.958756	Y
8	STD8 550-288457/11	75.0	68.620884	25.0	860276.0	0.914945	Y
9	STD9 550-288457/12	100.0	87.387033	25.0	854672.0	0.87387	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

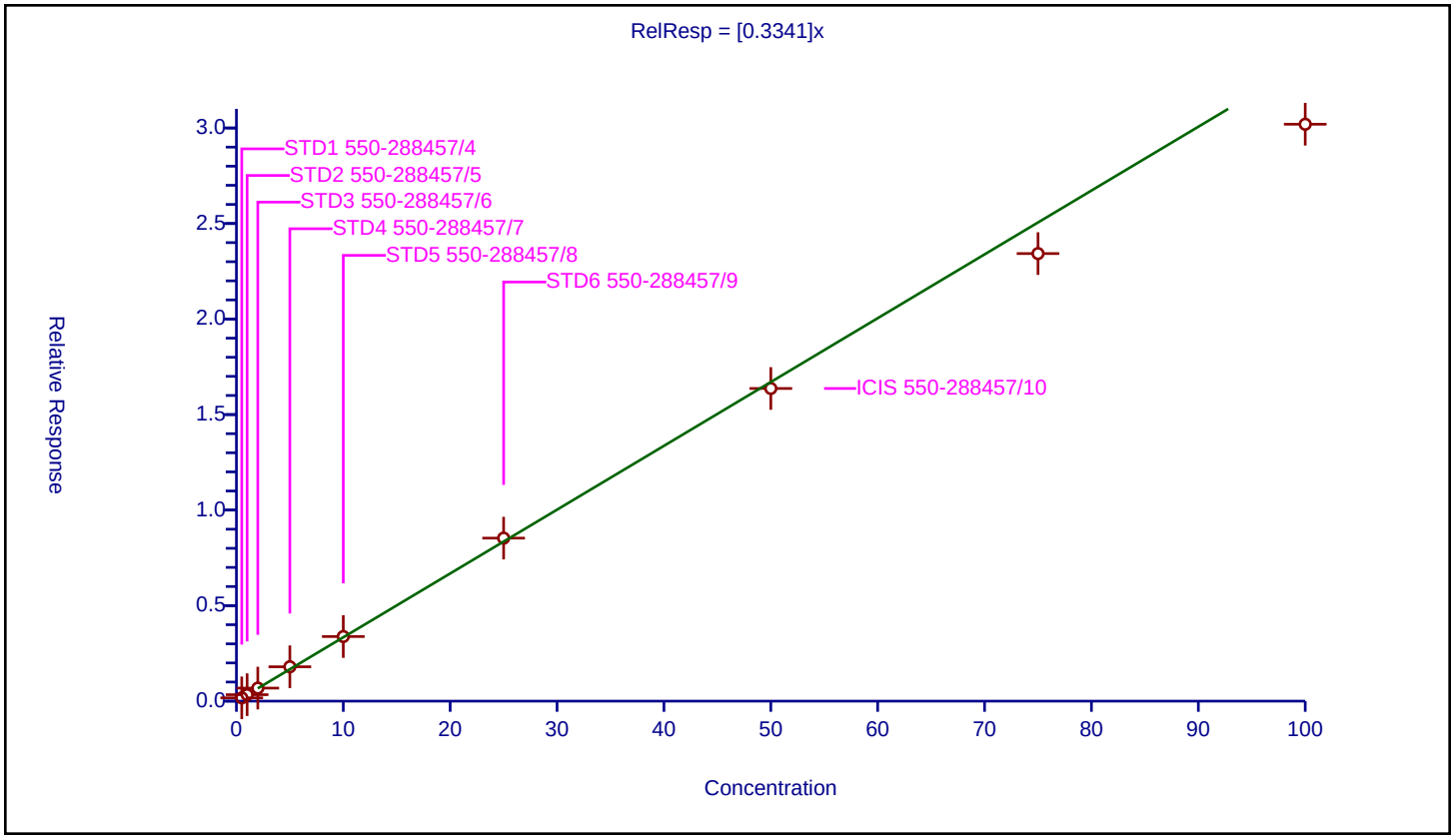
Curve Coefficients

Intercept:	0
Slope:	0.3341

Error Coefficients

Standard Error:	516000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.172767	25.0	764322.0	0.345535	Y
2	STD2 550-288457/5	1.0	0.338556	25.0	769665.0	0.338556	Y
3	STD3 550-288457/6	2.0	0.682888	25.0	805293.0	0.341444	Y
4	STD4 550-288457/7	5.0	1.799459	25.0	713270.0	0.359892	Y
5	STD5 550-288457/8	10.0	3.382011	25.0	794823.0	0.338201	Y
6	STD6 550-288457/9	25.0	8.532194	25.0	844560.0	0.341288	Y
7	ICIS 550-288457/10	50.0	16.366655	25.0	863023.0	0.327333	Y
8	STD8 550-288457/11	75.0	23.42754	25.0	860276.0	0.312367	Y
9	STD9 550-288457/12	100.0	30.196818	25.0	854672.0	0.301968	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

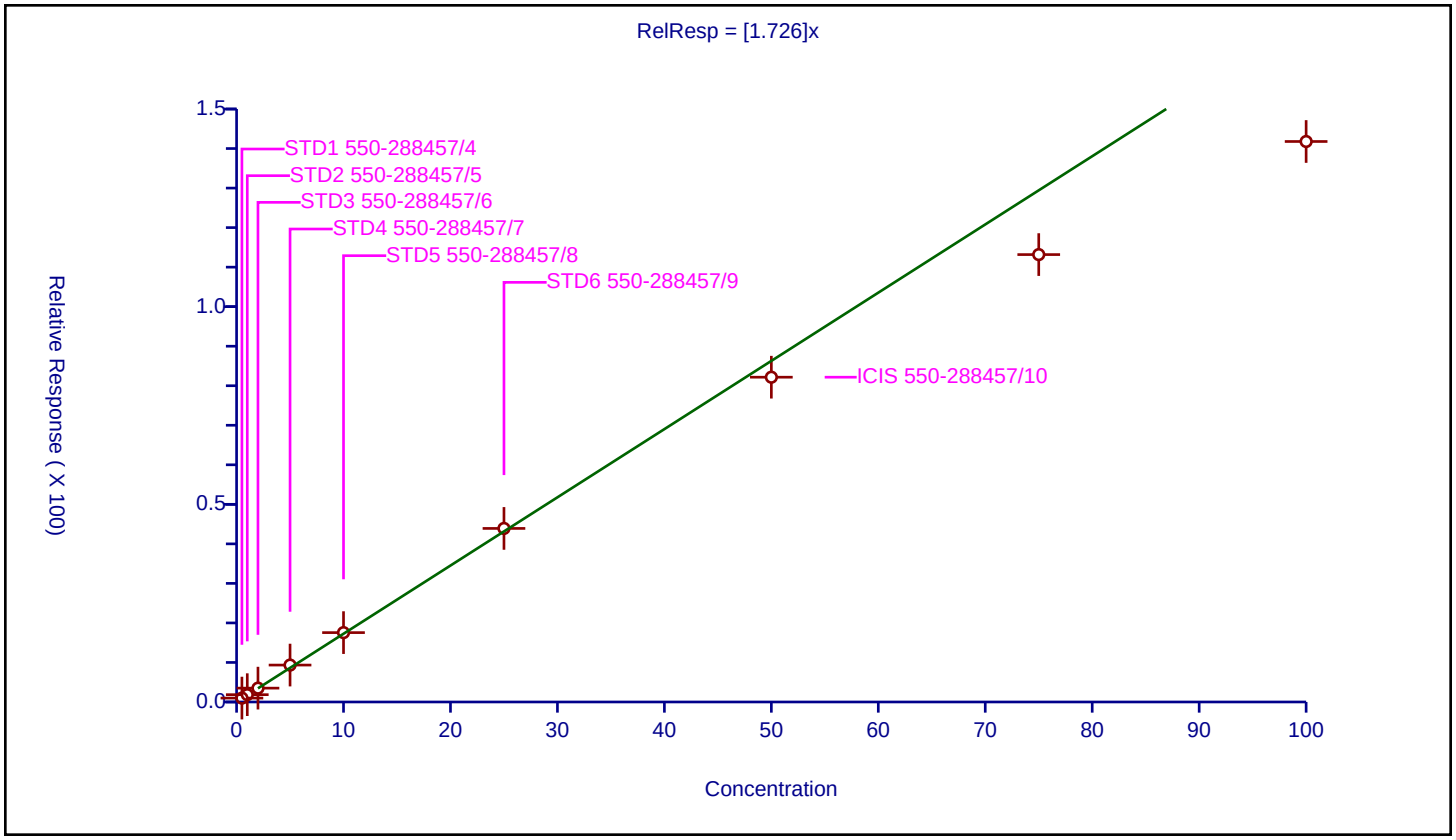
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	10.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.988294	25.0	764322.0	1.976588	Y
2	STD2 550-288457/5	1.0	1.853761	25.0	769665.0	1.853761	Y
3	STD3 550-288457/6	2.0	3.50329	25.0	805293.0	1.751645	Y
4	STD4 550-288457/7	5.0	9.340187	25.0	713270.0	1.868037	Y
5	STD5 550-288457/8	10.0	17.549064	25.0	794823.0	1.754906	Y
6	STD6 550-288457/9	25.0	43.904755	25.0	844560.0	1.75619	Y
7	ICIS 550-288457/10	50.0	82.160093	25.0	863023.0	1.643202	Y
8	STD8 550-288457/11	75.0	113.177195	25.0	860276.0	1.509029	Y
9	STD9 550-288457/12	100.0	141.783866	25.0	854672.0	1.417839	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

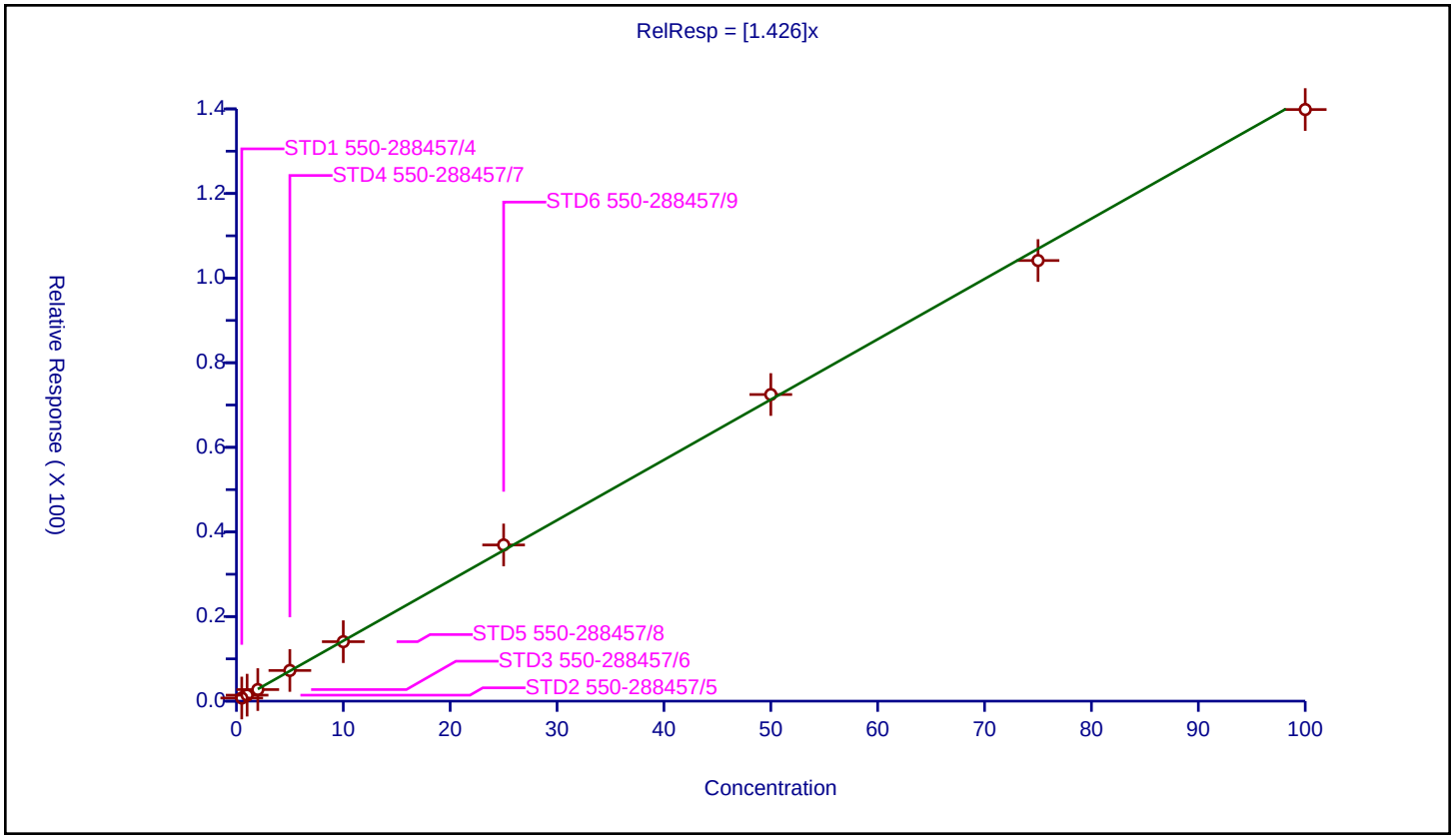
Curve Coefficients

Intercept:	0
Slope:	1.426

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.741925	25.0	391785.0	1.48385	Y
2	STD2 550-288457/5	1.0	1.411713	25.0	388411.0	1.411713	Y
3	STD3 550-288457/6	2.0	2.732518	25.0	411452.0	1.366259	Y
4	STD4 550-288457/7	5.0	7.250427	25.0	360396.0	1.450085	Y
5	STD5 550-288457/8	10.0	14.056627	25.0	396948.0	1.405663	Y
6	STD6 550-288457/9	25.0	36.923432	25.0	402598.0	1.476937	Y
7	ICIS 550-288457/10	50.0	72.479446	25.0	405764.0	1.449589	Y
8	STD8 550-288457/11	75.0	104.155587	25.0	396749.0	1.388741	Y
9	STD9 550-288457/12	100.0	139.849382	25.0	377876.0	1.398494	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

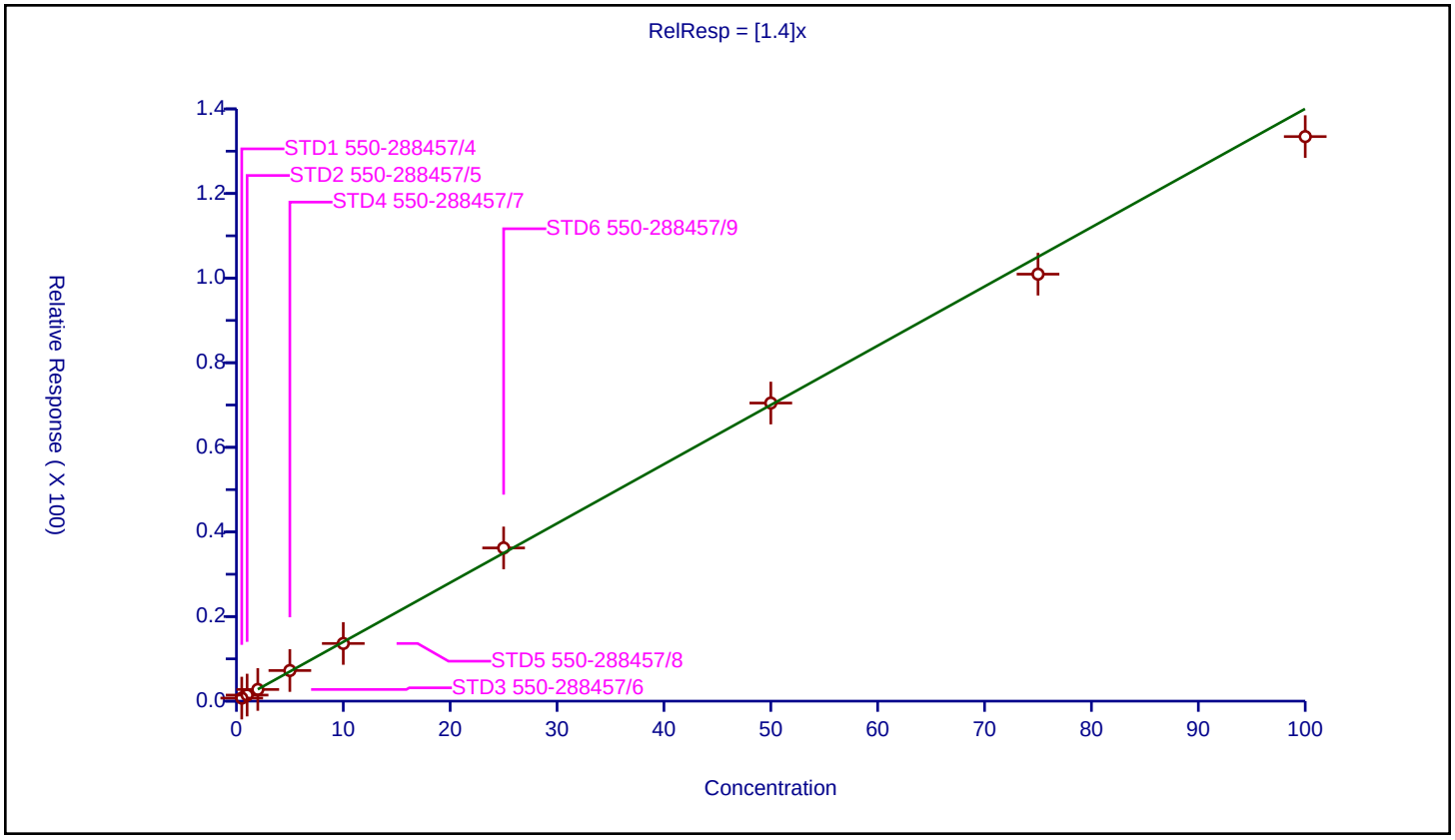
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	3.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.720165	25.0	391785.0	1.440331	Y
2	STD2 550-288457/5	1.0	1.433662	25.0	388411.0	1.433662	Y
3	STD3 550-288457/6	2.0	2.758402	25.0	411452.0	1.379201	Y
4	STD4 550-288457/7	5.0	7.237664	25.0	360396.0	1.447533	Y
5	STD5 550-288457/8	10.0	13.636799	25.0	396948.0	1.36368	Y
6	STD6 550-288457/9	25.0	36.214474	25.0	402598.0	1.448579	Y
7	ICIS 550-288457/10	50.0	70.46898	25.0	405764.0	1.40938	Y
8	STD8 550-288457/11	75.0	100.930878	25.0	396749.0	1.345745	Y
9	STD9 550-288457/12	100.0	133.449399	25.0	377876.0	1.334494	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

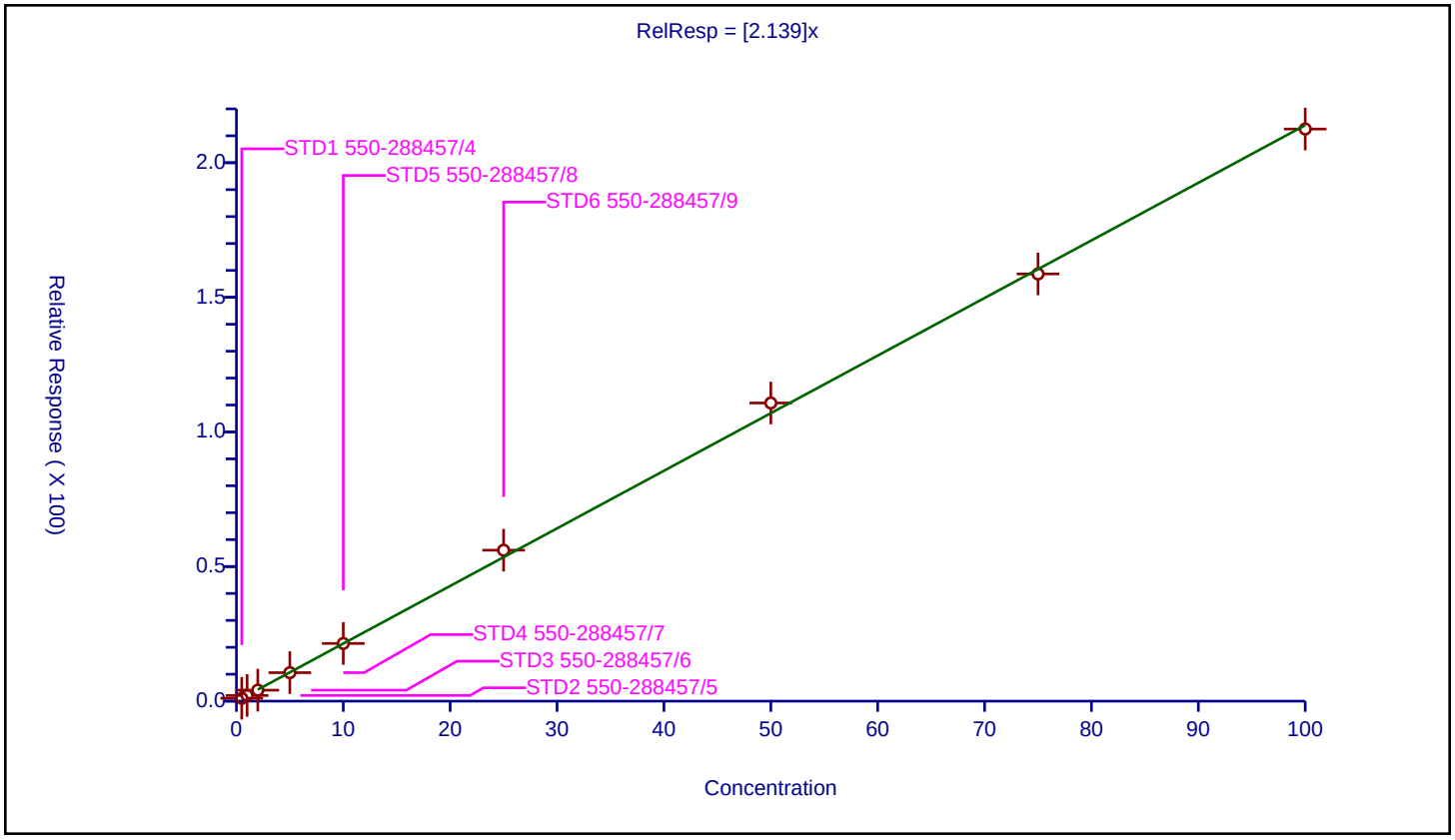
Curve Coefficients

Intercept:	0
Slope:	2.139

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	2.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.076356	25.0	391785.0	2.152711	Y
2	STD2 550-288457/5	1.0	2.101704	25.0	388411.0	2.101704	Y
3	STD3 550-288457/6	2.0	4.085227	25.0	411452.0	2.042614	Y
4	STD4 550-288457/7	5.0	10.57767	25.0	360396.0	2.115534	Y
5	STD5 550-288457/8	10.0	21.424721	25.0	396948.0	2.142472	Y
6	STD6 550-288457/9	25.0	56.067591	25.0	402598.0	2.242704	Y
7	ICIS 550-288457/10	50.0	110.750892	25.0	405764.0	2.215018	Y
8	STD8 550-288457/11	75.0	158.690003	25.0	396749.0	2.115867	Y
9	STD9 550-288457/12	100.0	212.5174	25.0	377876.0	2.125174	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

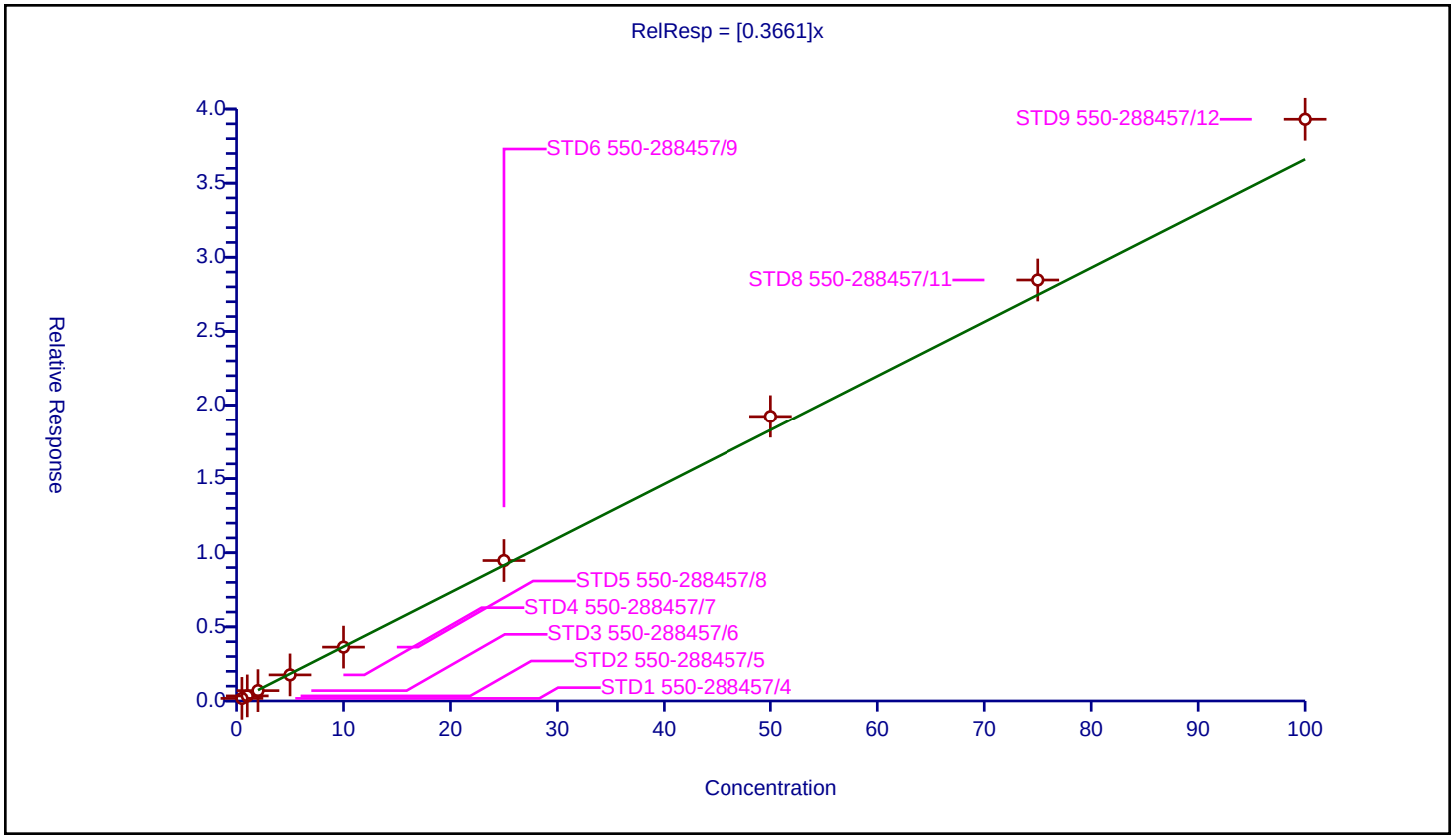
Curve Coefficients

Intercept:	0
Slope:	0.3661

Error Coefficients

Standard Error:	292000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.176053	25.0	391785.0	0.352106	Y
2	STD2 550-288457/5	1.0	0.34197	25.0	388411.0	0.34197	Y
3	STD3 550-288457/6	2.0	0.69838	25.0	411452.0	0.34919	Y
4	STD4 550-288457/7	5.0	1.759731	25.0	360396.0	0.351946	Y
5	STD5 550-288457/8	10.0	3.634103	25.0	396948.0	0.36341	Y
6	STD6 550-288457/9	25.0	9.475209	25.0	402598.0	0.379008	Y
7	ICIS 550-288457/10	50.0	19.233286	25.0	405764.0	0.384666	Y
8	STD8 550-288457/11	75.0	28.465793	25.0	396749.0	0.379544	Y
9	STD9 550-288457/12	100.0	39.310118	25.0	377876.0	0.393101	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

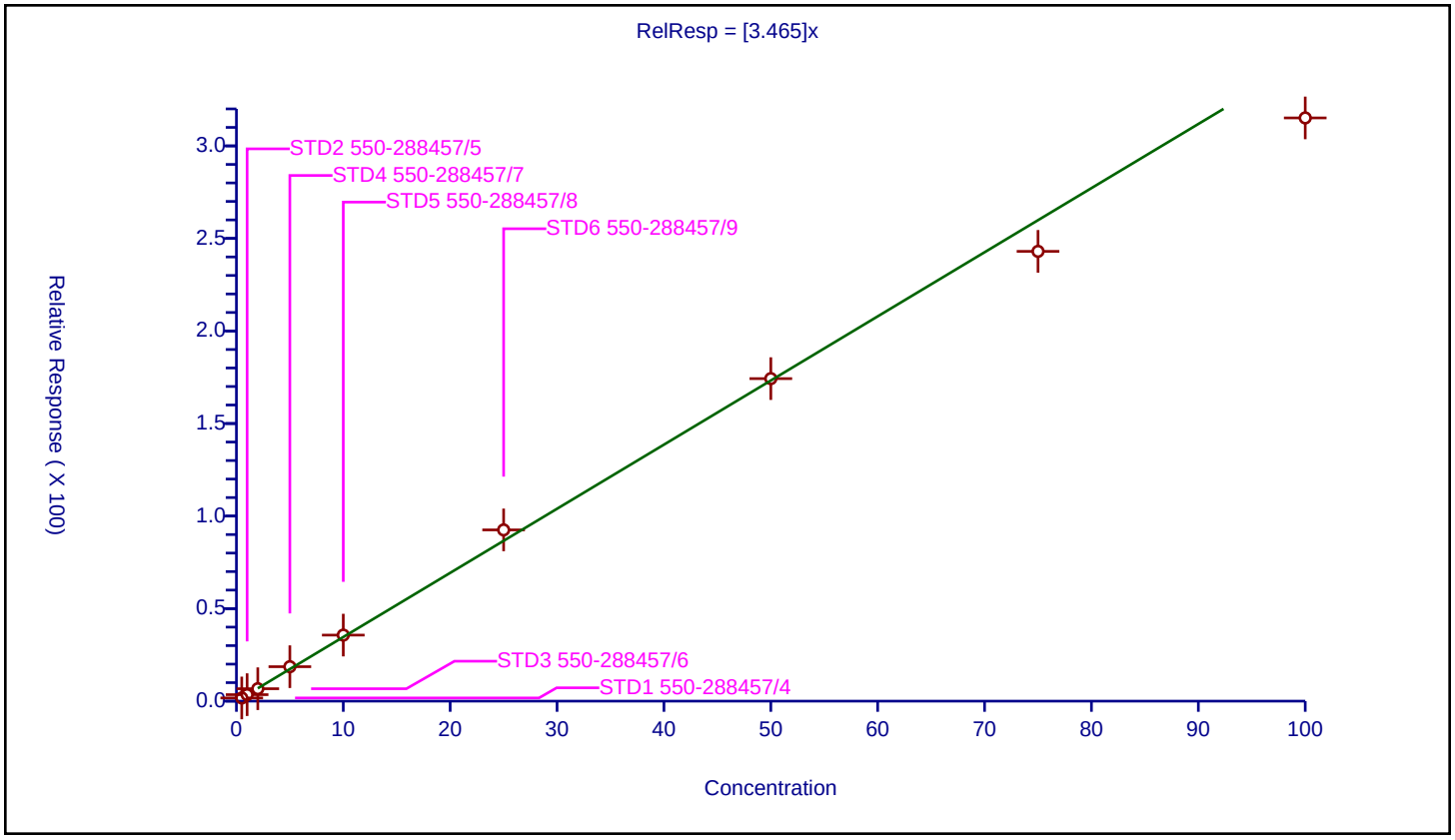
Curve Coefficients

Intercept:	0
Slope:	3.465

Error Coefficients

Standard Error:	2450000
Relative Standard Error:	5.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.726649	25.0	391785.0	3.453297	Y
2	STD2 550-288457/5	1.0	3.506466	25.0	388411.0	3.506466	Y
3	STD3 550-288457/6	2.0	6.706615	25.0	411452.0	3.353307	Y
4	STD4 550-288457/7	5.0	18.620351	25.0	360396.0	3.72407	Y
5	STD5 550-288457/8	10.0	35.686979	25.0	396948.0	3.568698	Y
6	STD6 550-288457/9	25.0	92.524553	25.0	402598.0	3.700982	Y
7	ICIS 550-288457/10	50.0	174.26928	25.0	405764.0	3.485386	Y
8	STD8 550-288457/11	75.0	243.018256	25.0	396749.0	3.240243	Y
9	STD9 550-288457/12	100.0	315.127317	25.0	377876.0	3.151273	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

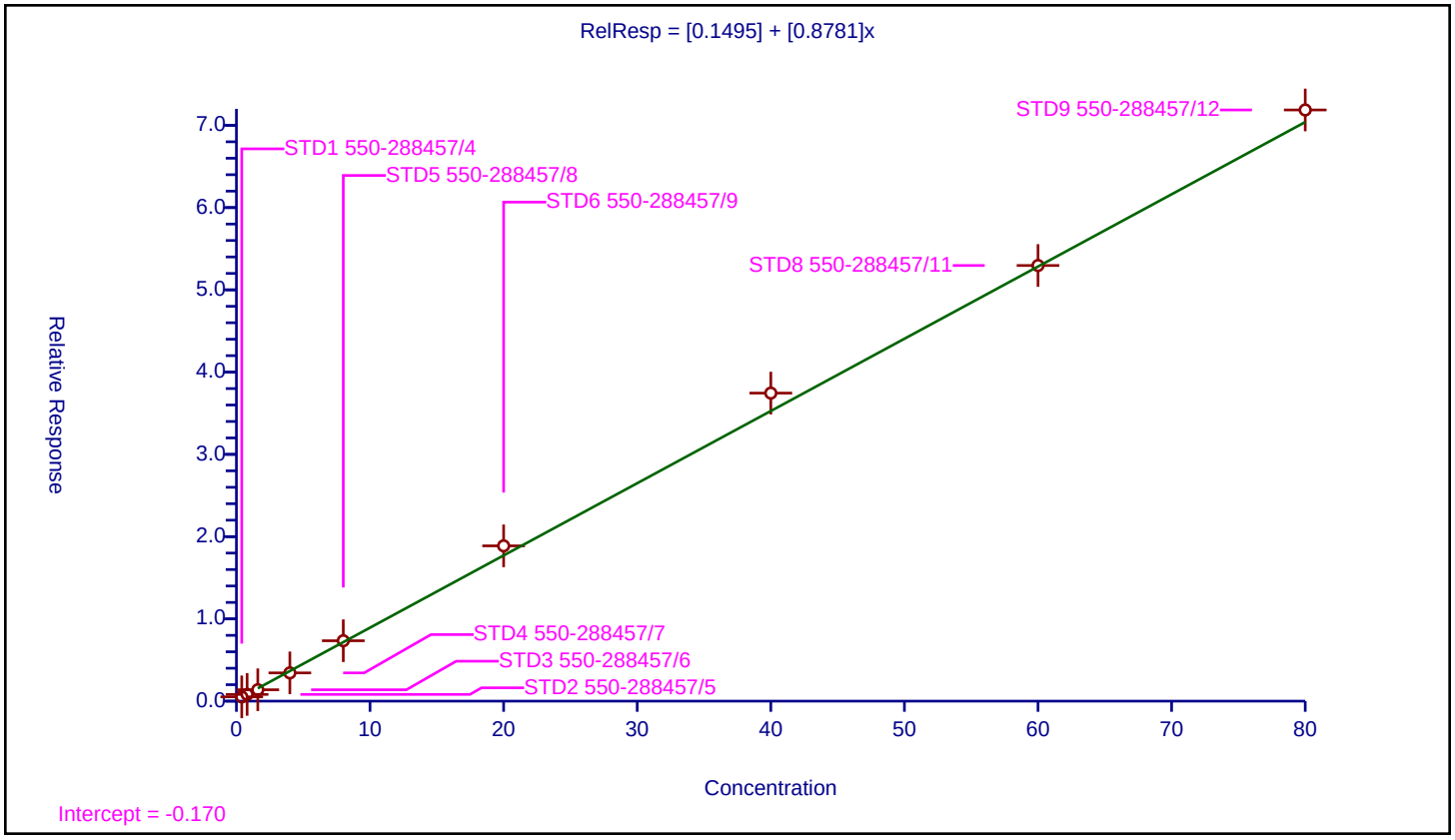
Curve Coefficients

Intercept:	0.1495
Slope:	0.8781

Error Coefficients

Standard Error:	581000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.520758	25.0	391785.0	1.301894	Y
2	STD2 550-288457/5	0.8	0.818978	25.0	388411.0	1.023722	Y
3	STD3 550-288457/6	1.6	1.384487	25.0	411452.0	0.865304	Y
4	STD4 550-288457/7	4.0	3.434902	25.0	360396.0	0.858726	Y
5	STD5 550-288457/8	8.0	7.342775	25.0	396948.0	0.917847	Y
6	STD6 550-288457/9	20.0	18.878695	25.0	402598.0	0.943935	Y
7	ICIS 550-288457/10	40.0	37.447938	25.0	405764.0	0.936198	Y
8	STD8 550-288457/11	60.0	52.960625	25.0	396749.0	0.882677	Y
9	STD9 550-288457/12	80.0	71.869674	25.0	377876.0	0.898371	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

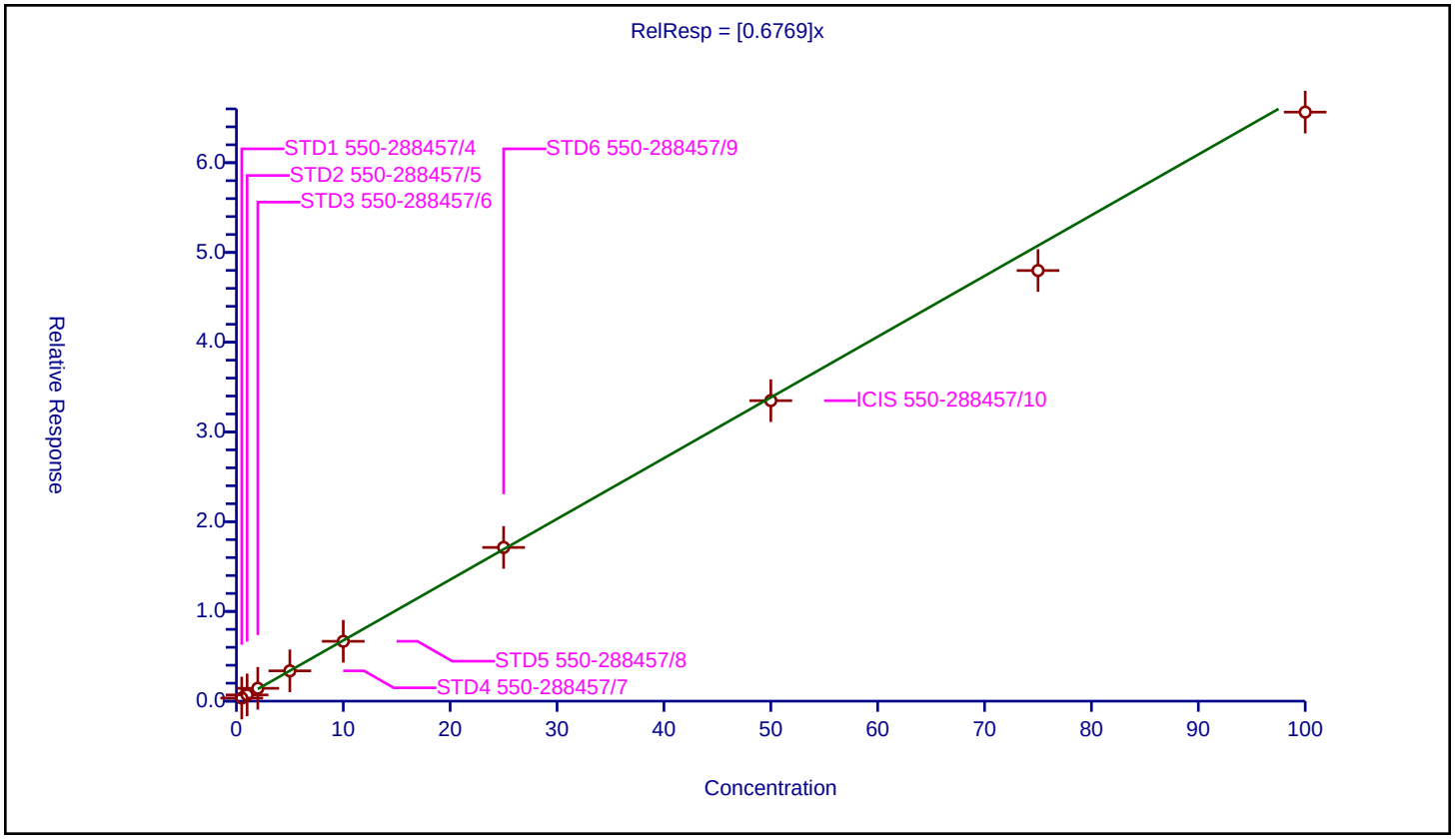
Curve Coefficients

Intercept:	0
Slope:	0.6769

Error Coefficients

Standard Error:	494000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.345725	25.0	391785.0	0.691451	Y
2	STD2 550-288457/5	1.0	0.69205	25.0	388411.0	0.69205	Y
3	STD3 550-288457/6	2.0	1.43109	25.0	411452.0	0.715545	Y
4	STD4 550-288457/7	5.0	3.37476	25.0	360396.0	0.674952	Y
5	STD5 550-288457/8	10.0	6.666679	25.0	396948.0	0.666668	Y
6	STD6 550-288457/9	25.0	17.127755	25.0	402598.0	0.68511	Y
7	ICIS 550-288457/10	50.0	33.486152	25.0	405764.0	0.669723	Y
8	STD8 550-288457/11	75.0	47.987771	25.0	396749.0	0.639837	Y
9	STD9 550-288457/12	100.0	65.641838	25.0	377876.0	0.656418	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

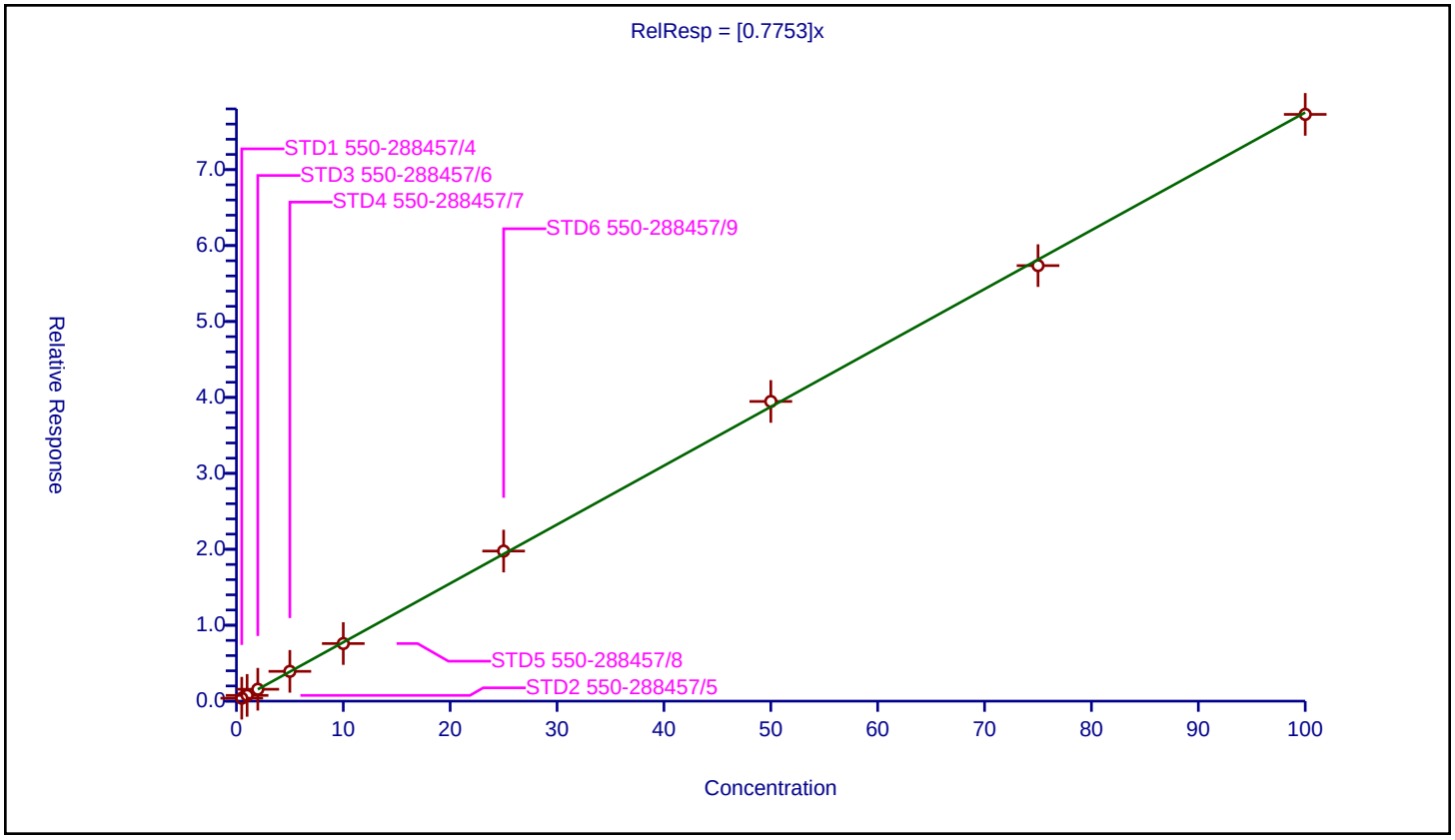
Curve Coefficients

Intercept:	0
Slope:	0.7753

Error Coefficients

Standard Error:	583000
Relative Standard Error:	1.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.388032	25.0	391785.0	0.776063	Y
2	STD2 550-288457/5	1.0	0.756608	25.0	388411.0	0.756608	Y
3	STD3 550-288457/6	2.0	1.567923	25.0	411452.0	0.783961	Y
4	STD4 550-288457/7	5.0	3.923878	25.0	360396.0	0.784776	Y
5	STD5 550-288457/8	10.0	7.586384	25.0	396948.0	0.758638	Y
6	STD6 550-288457/9	25.0	19.763138	25.0	402598.0	0.790526	Y
7	ICIS 550-288457/10	50.0	39.47122	25.0	405764.0	0.789424	Y
8	STD8 550-288457/11	75.0	57.361455	25.0	396749.0	0.764819	Y
9	STD9 550-288457/12	100.0	77.27568	25.0	377876.0	0.772757	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

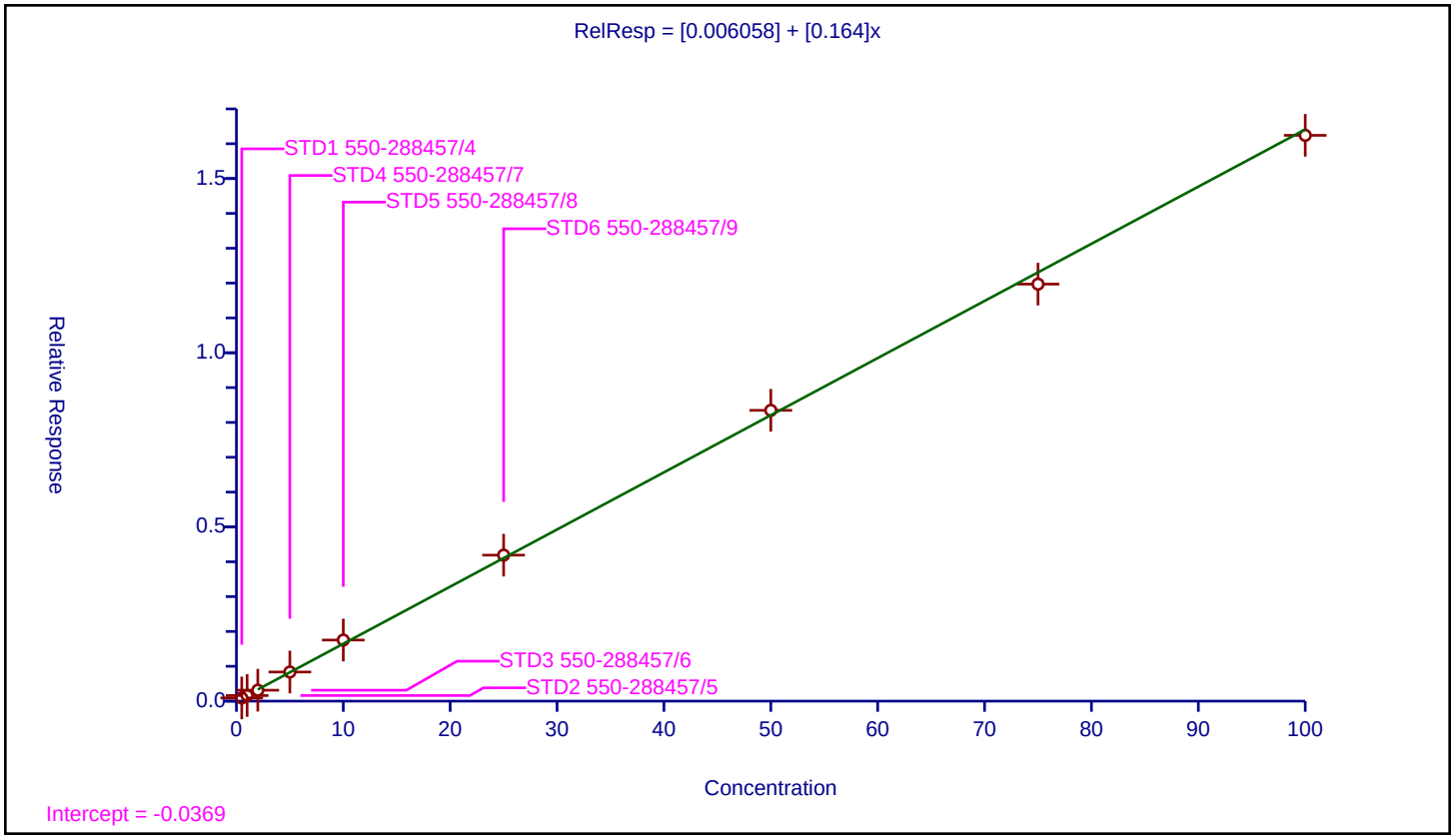
Curve Coefficients

Intercept:	0.006058
Slope:	0.164

Error Coefficients

Standard Error:	131000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.091121	25.0	391785.0	0.182243	Y
2	STD2 550-288457/5	1.0	0.161298	25.0	388411.0	0.161298	Y
3	STD3 550-288457/6	2.0	0.31401	25.0	411452.0	0.157005	Y
4	STD4 550-288457/7	5.0	0.836164	25.0	360396.0	0.167233	Y
5	STD5 550-288457/8	10.0	1.753189	25.0	396948.0	0.175319	Y
6	STD6 550-288457/9	25.0	4.190843	25.0	402598.0	0.167634	Y
7	ICIS 550-288457/10	50.0	8.347648	25.0	405764.0	0.166953	Y
8	STD8 550-288457/11	75.0	11.970226	25.0	396749.0	0.159603	Y
9	STD9 550-288457/12	100.0	16.241042	25.0	377876.0	0.16241	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

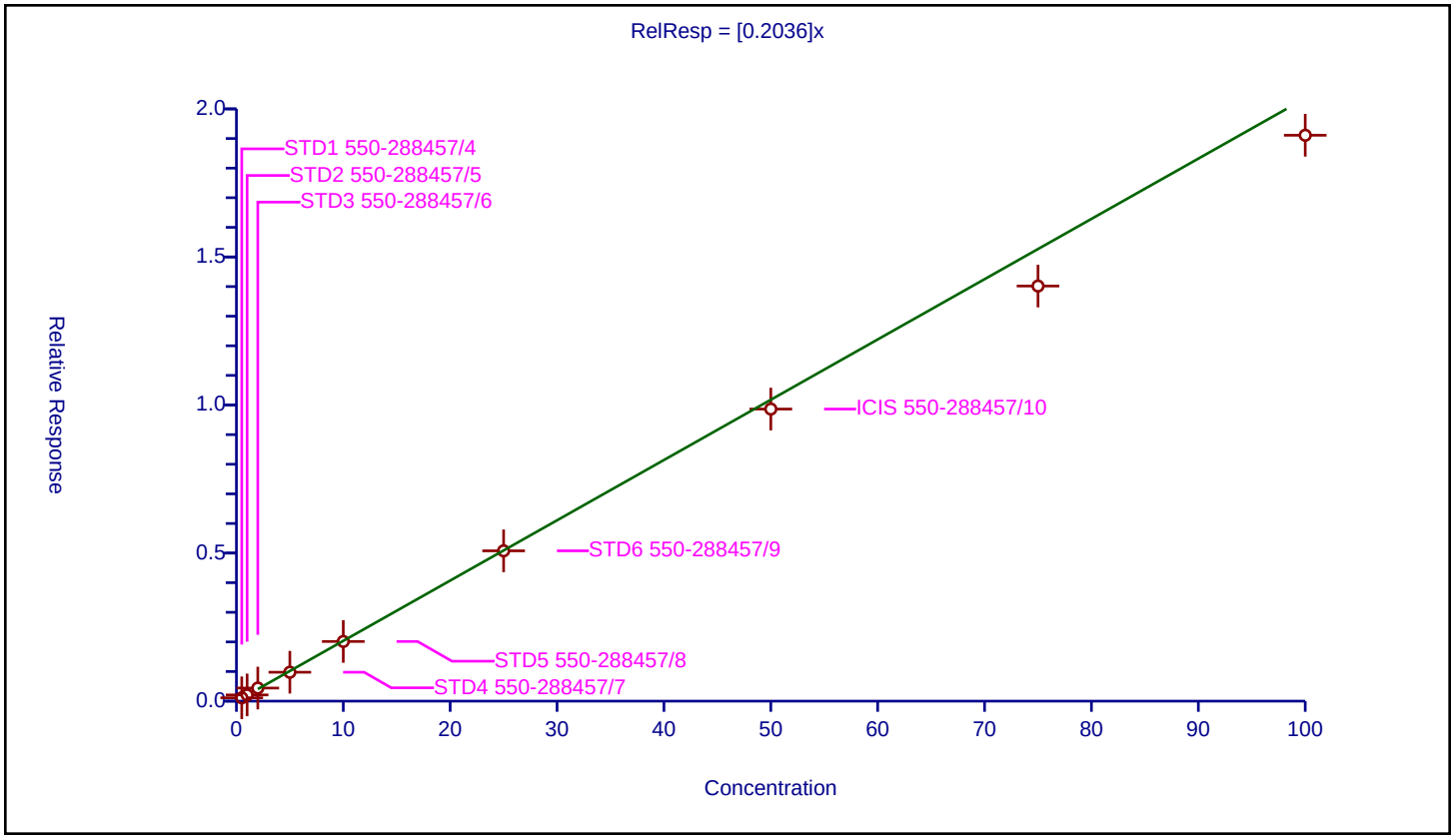
Curve Coefficients

Intercept:	0
Slope:	0.2036

Error Coefficients

Standard Error:	144000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.112945	25.0	391785.0	0.225889	Y
2	STD2 550-288457/5	1.0	0.210022	25.0	388411.0	0.210022	Y
3	STD3 550-288457/6	2.0	0.442275	25.0	411452.0	0.221138	Y
4	STD4 550-288457/7	5.0	0.97601	25.0	360396.0	0.195202	Y
5	STD5 550-288457/8	10.0	2.014999	25.0	396948.0	0.2015	Y
6	STD6 550-288457/9	25.0	5.076093	25.0	402598.0	0.203044	Y
7	ICIS 550-288457/10	50.0	9.86343	25.0	405764.0	0.197269	Y
8	STD8 550-288457/11	75.0	14.017931	25.0	396749.0	0.186906	Y
9	STD9 550-288457/12	100.0	19.109179	25.0	377876.0	0.191092	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

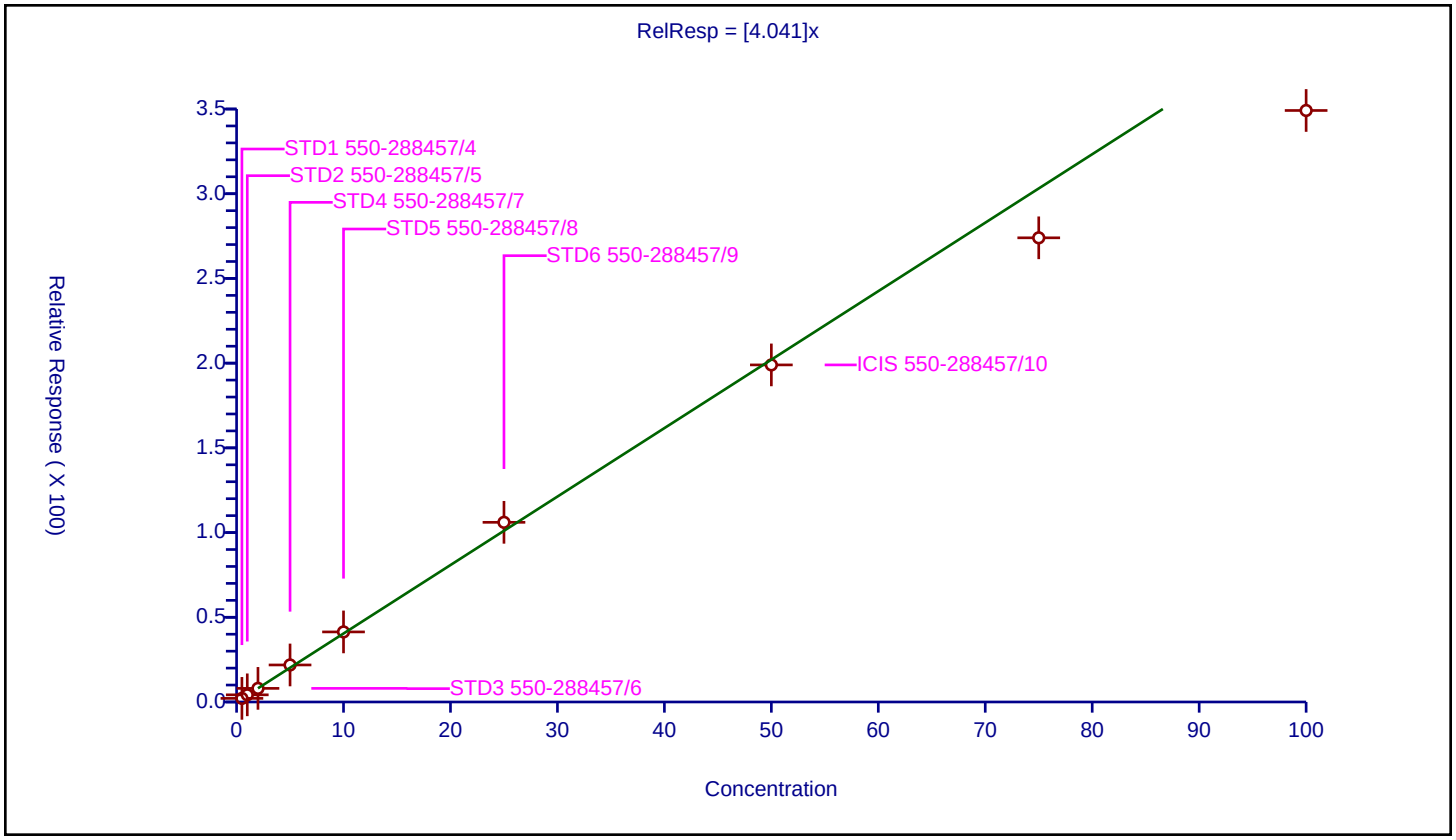
Curve Coefficients

Intercept:	0
Slope:	4.041

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	7.3
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	2.125783	25.0	391785.0	4.251567	Y
2	STD2 550-288457/5	1.0	4.232308	25.0	388411.0	4.232308	Y
3	STD3 550-288457/6	2.0	8.033197	25.0	411452.0	4.016599	Y
4	STD4 550-288457/7	5.0	21.849923	25.0	360396.0	4.369985	Y
5	STD5 550-288457/8	10.0	41.360014	25.0	396948.0	4.136001	Y
6	STD6 550-288457/9	25.0	106.048279	25.0	402598.0	4.241931	Y
7	ICIS 550-288457/10	50.0	198.960726	25.0	405764.0	3.979215	Y
8	STD8 550-288457/11	75.0	273.975486	25.0	396749.0	3.653006	Y
9	STD9 550-288457/12	100.0	349.128352	25.0	377876.0	3.491284	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

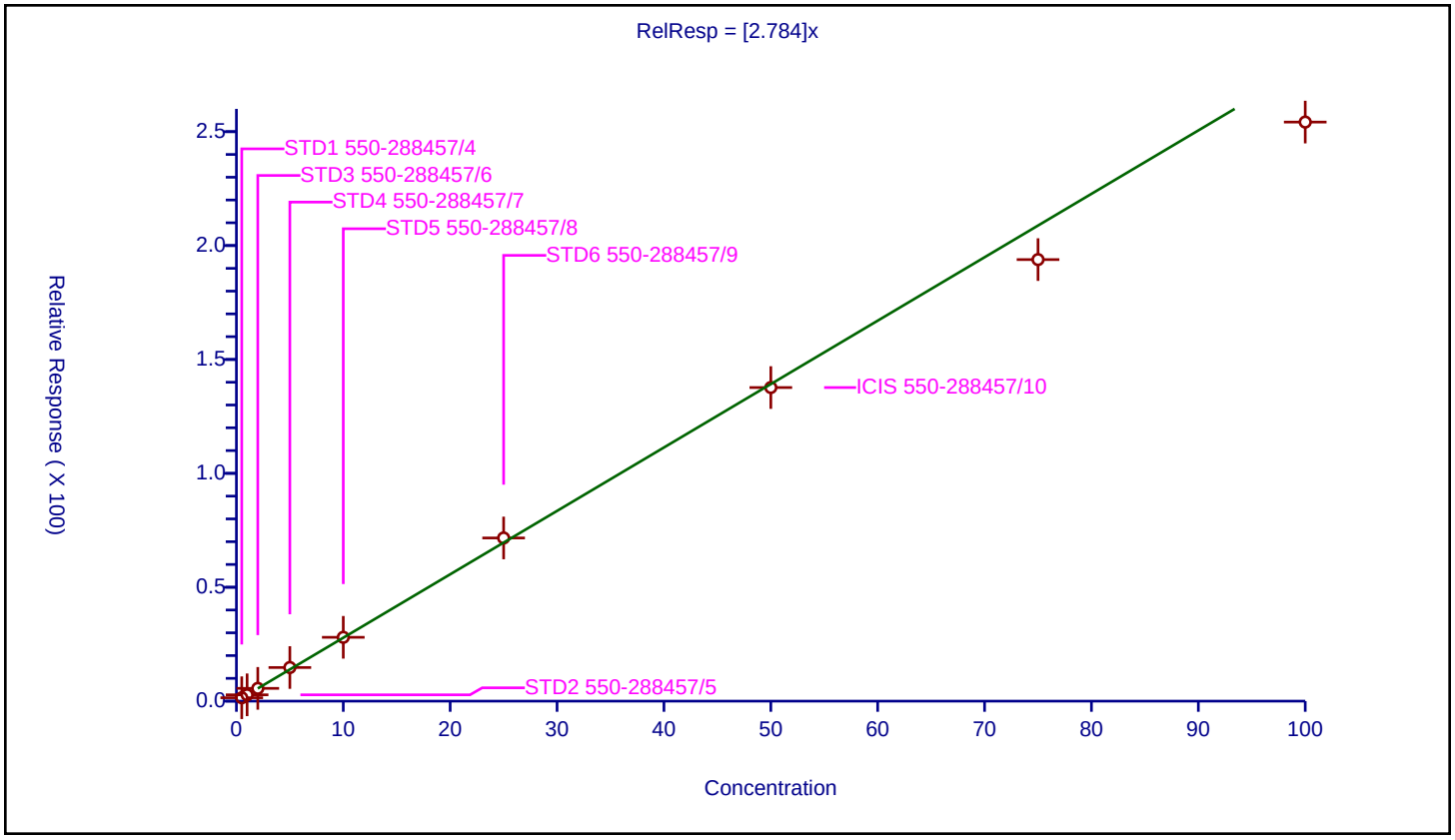
Curve Coefficients

Intercept:	0
Slope:	2.784

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	5.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.4857	25.0	391785.0	2.9714	Y
2	STD2 550-288457/5	1.0	2.779659	25.0	388411.0	2.779659	Y
3	STD3 550-288457/6	2.0	5.603995	25.0	411452.0	2.801998	Y
4	STD4 550-288457/7	5.0	14.7648	25.0	360396.0	2.95296	Y
5	STD5 550-288457/8	10.0	28.019413	25.0	396948.0	2.801941	Y
6	STD6 550-288457/9	25.0	71.637403	25.0	402598.0	2.865496	Y
7	ICIS 550-288457/10	50.0	137.675903	25.0	405764.0	2.753518	Y
8	STD8 550-288457/11	75.0	193.842455	25.0	396749.0	2.584566	Y
9	STD9 550-288457/12	100.0	254.214478	25.0	377876.0	2.542145	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

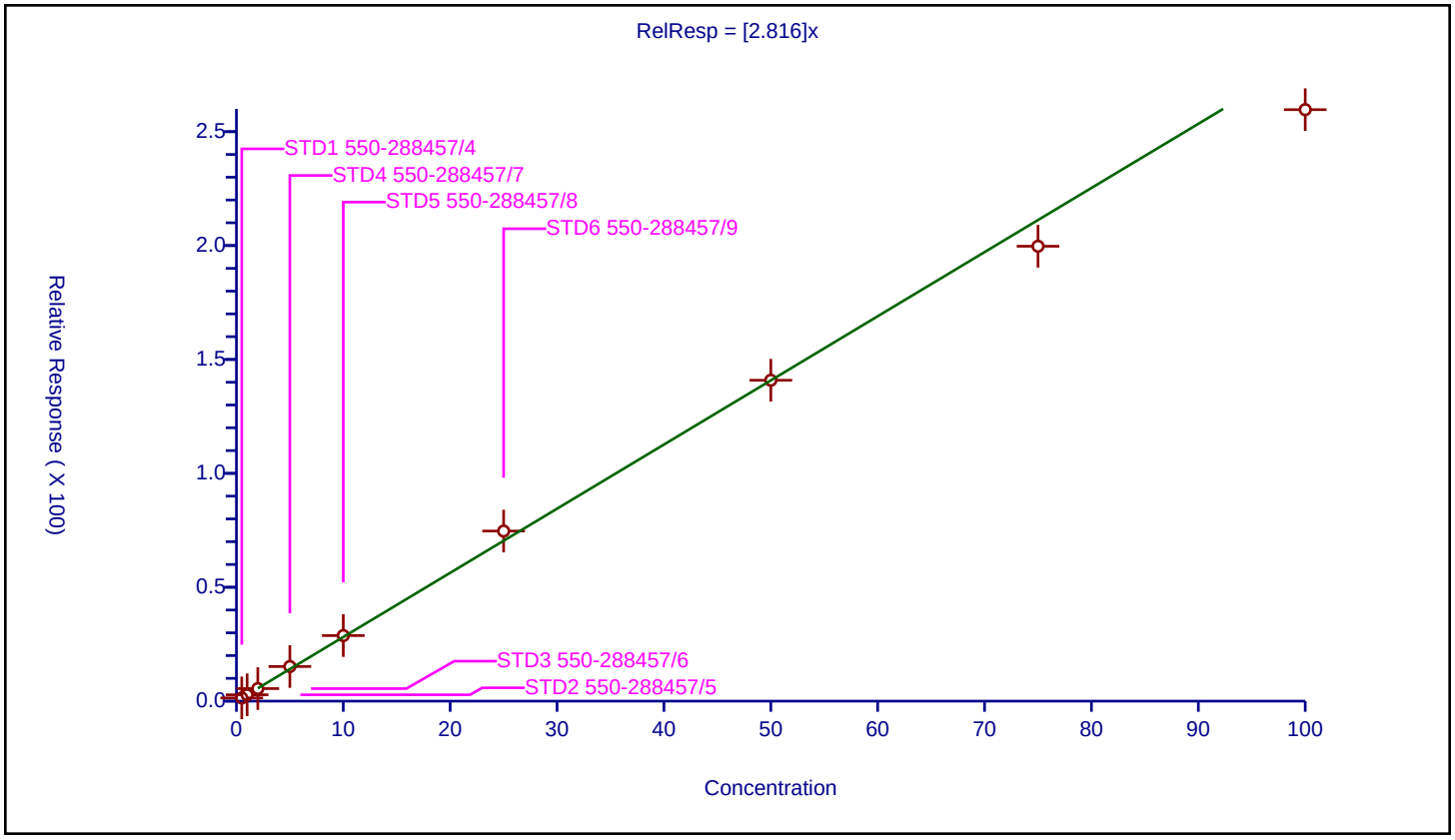
Curve Coefficients

Intercept:	0
Slope:	2.816

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	5.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.413084	25.0	391785.0	2.826167	Y
2	STD2 550-288457/5	1.0	2.783456	25.0	388411.0	2.783456	Y
3	STD3 550-288457/6	2.0	5.510242	25.0	411452.0	2.755121	Y
4	STD4 550-288457/7	5.0	15.193773	25.0	360396.0	3.038755	Y
5	STD5 550-288457/8	10.0	28.777699	25.0	396948.0	2.87777	Y
6	STD6 550-288457/9	25.0	74.67126	25.0	402598.0	2.98685	Y
7	ICIS 550-288457/10	50.0	140.875854	25.0	405764.0	2.817517	Y
8	STD8 550-288457/11	75.0	199.704284	25.0	396749.0	2.662724	Y
9	STD9 550-288457/12	100.0	259.662032	25.0	377876.0	2.59662	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

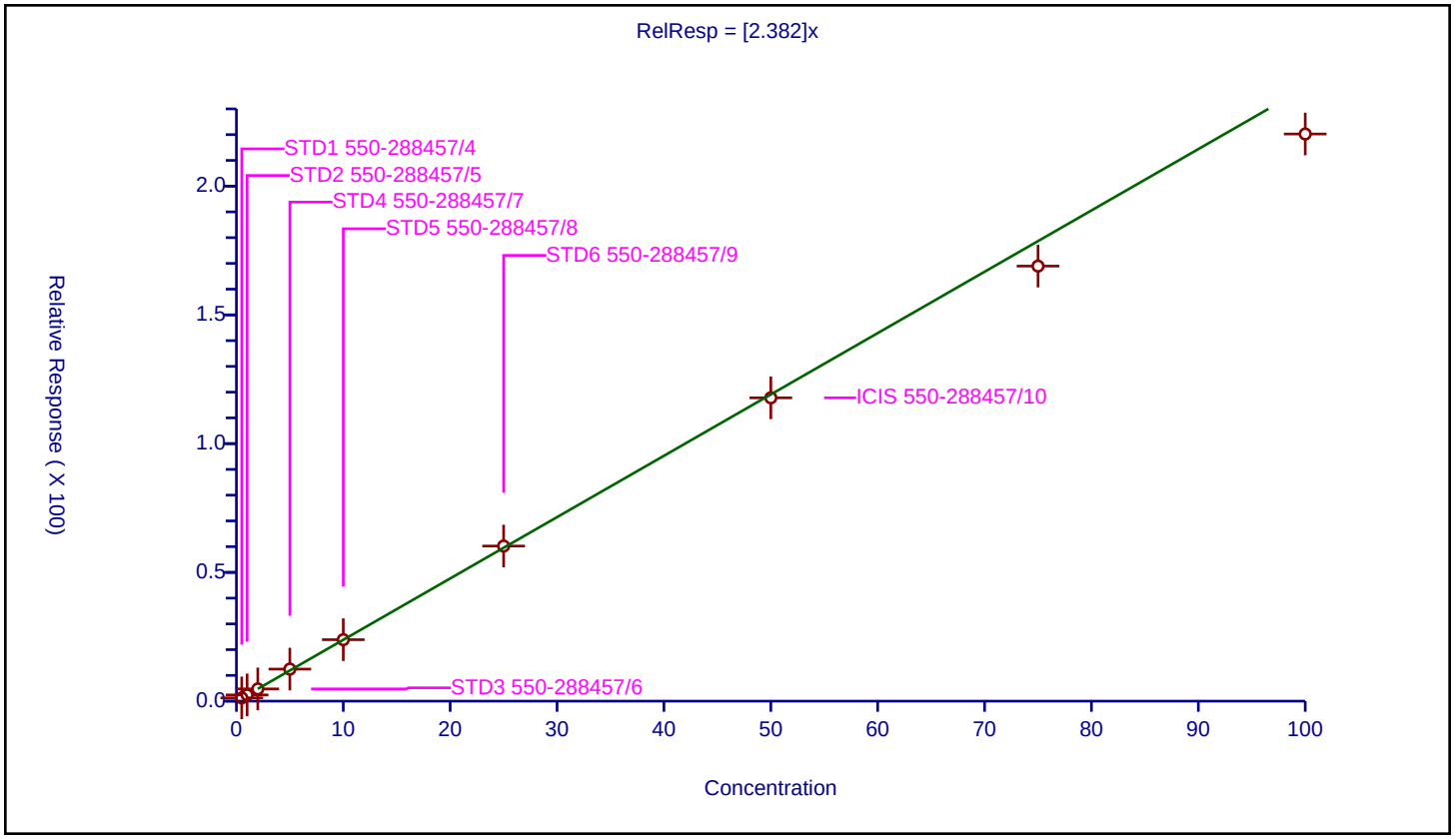
Curve Coefficients

Intercept:	0
Slope:	2.382

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	4.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.269319	25.0	391785.0	2.538637	Y
2	STD2 550-288457/5	1.0	2.424494	25.0	388411.0	2.424494	Y
3	STD3 550-288457/6	2.0	4.757177	25.0	411452.0	2.378589	Y
4	STD4 550-288457/7	5.0	12.44402	25.0	360396.0	2.488804	Y
5	STD5 550-288457/8	10.0	23.870822	25.0	396948.0	2.387082	Y
6	STD6 550-288457/9	25.0	60.238501	25.0	402598.0	2.40954	Y
7	ICIS 550-288457/10	50.0	117.797106	25.0	405764.0	2.355942	Y
8	STD8 550-288457/11	75.0	168.951466	25.0	396749.0	2.252686	Y
9	STD9 550-288457/12	100.0	220.245993	25.0	377876.0	2.20246	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

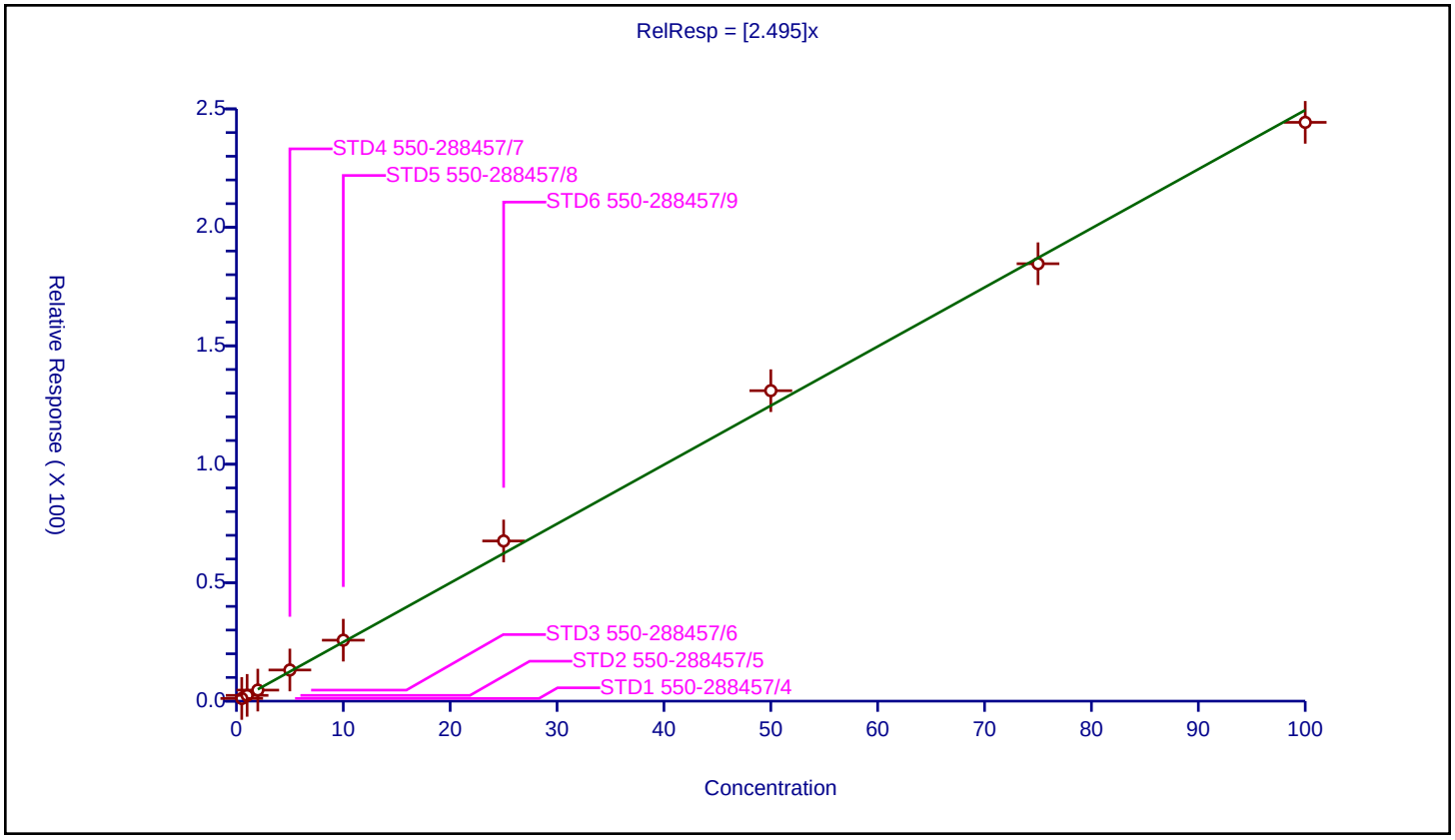
Curve Coefficients

Intercept:	0
Slope:	2.495

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	5.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.128425	25.0	391785.0	2.25685	Y
2	STD2 550-288457/5	1.0	2.43344	25.0	388411.0	2.43344	Y
3	STD3 550-288457/6	2.0	4.662573	25.0	411452.0	2.331287	Y
4	STD4 550-288457/7	5.0	13.143181	25.0	360396.0	2.628636	Y
5	STD5 550-288457/8	10.0	25.724465	25.0	396948.0	2.572447	Y
6	STD6 550-288457/9	25.0	67.609315	25.0	402598.0	2.704373	Y
7	ICIS 550-288457/10	50.0	131.056168	25.0	405764.0	2.621123	Y
8	STD8 550-288457/11	75.0	184.65056	25.0	396749.0	2.462007	Y
9	STD9 550-288457/12	100.0	244.31844	25.0	377876.0	2.443184	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

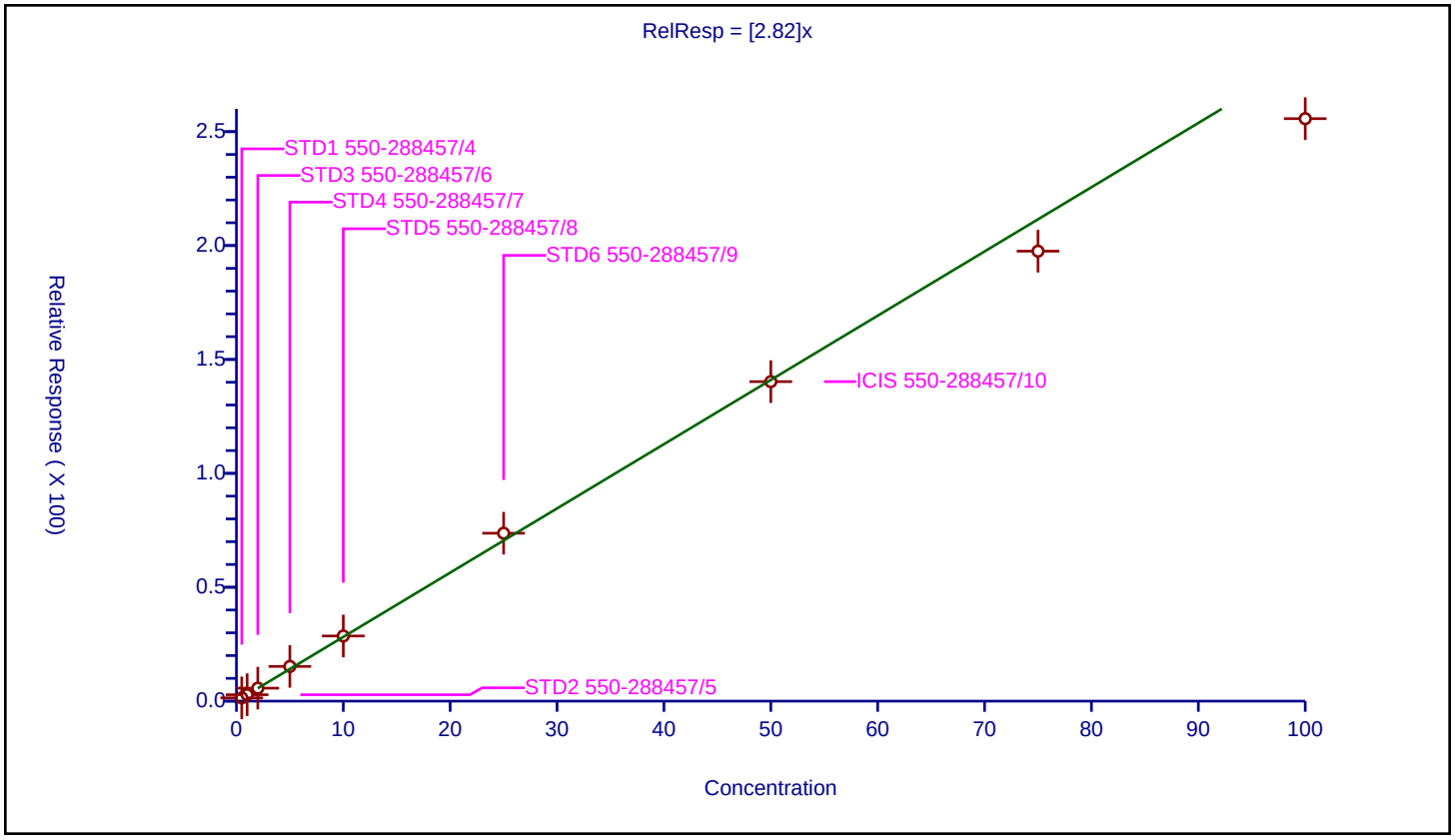
Curve Coefficients

Intercept:	0
Slope:	2.82

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.43529	25.0	391785.0	2.87058	Y
2	STD2 550-288457/5	1.0	2.808301	25.0	388411.0	2.808301	Y
3	STD3 550-288457/6	2.0	5.699146	25.0	411452.0	2.849573	Y
4	STD4 550-288457/7	5.0	15.238585	25.0	360396.0	3.047717	Y
5	STD5 550-288457/8	10.0	28.606833	25.0	396948.0	2.860683	Y
6	STD6 550-288457/9	25.0	73.715903	25.0	402598.0	2.948636	Y
7	ICIS 550-288457/10	50.0	140.268481	25.0	405764.0	2.80537	Y
8	STD8 550-288457/11	75.0	197.541519	25.0	396749.0	2.633887	Y
9	STD9 550-288457/12	100.0	255.708222	25.0	377876.0	2.557082	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

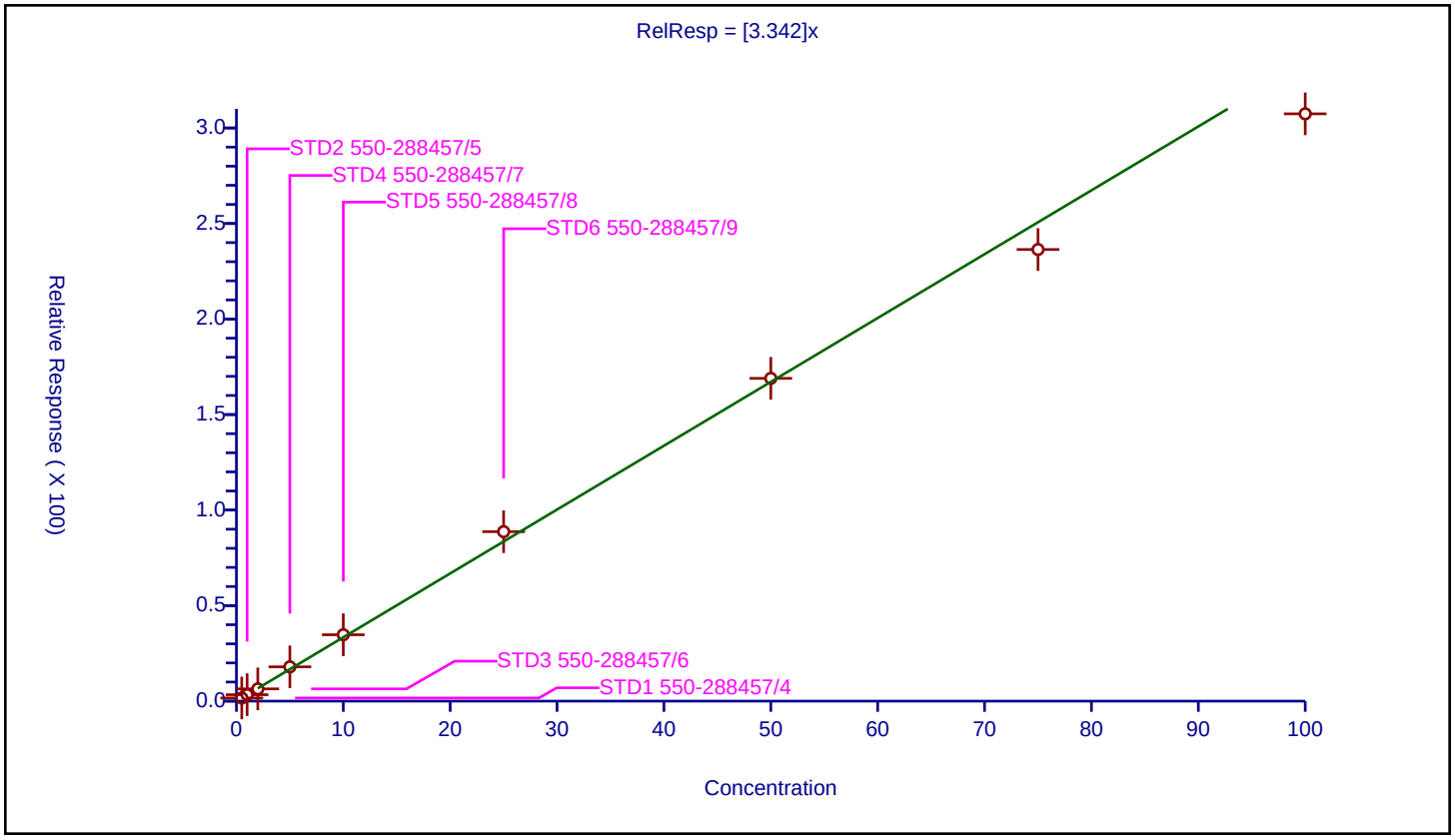
Curve Coefficients

Intercept:	0
Slope:	3.342

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.643567	25.0	391785.0	3.287135	Y
2	STD2 550-288457/5	1.0	3.364606	25.0	388411.0	3.364606	Y
3	STD3 550-288457/6	2.0	6.41782	25.0	411452.0	3.20891	Y
4	STD4 550-288457/7	5.0	17.949145	25.0	360396.0	3.589829	Y
5	STD5 550-288457/8	10.0	34.74542	25.0	396948.0	3.474542	Y
6	STD6 550-288457/9	25.0	88.717343	25.0	402598.0	3.548694	Y
7	ICIS 550-288457/10	50.0	168.963301	25.0	405764.0	3.379266	Y
8	STD8 550-288457/11	75.0	236.407338	25.0	396749.0	3.152098	Y
9	STD9 550-288457/12	100.0	307.415594	25.0	377876.0	3.074156	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

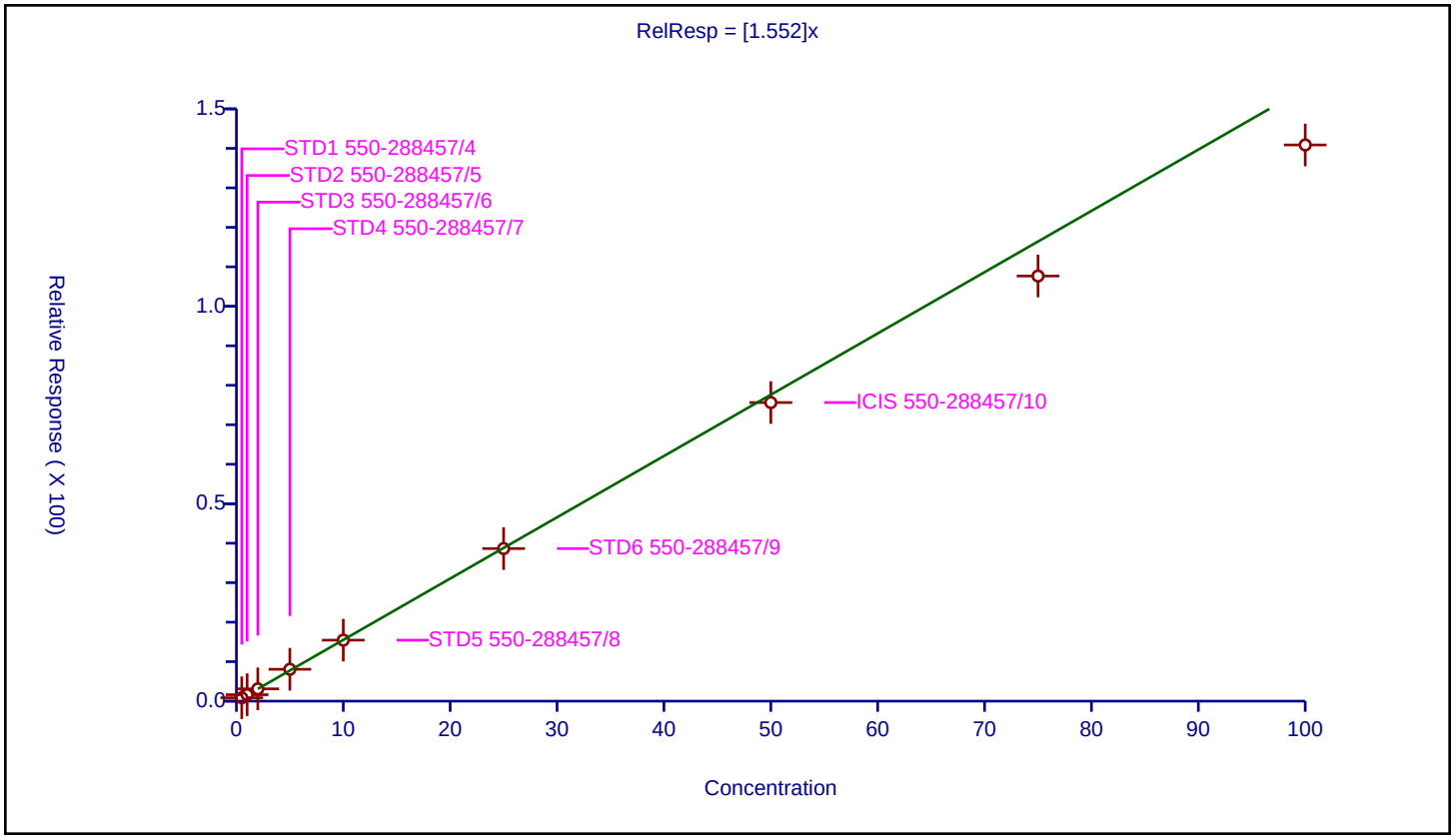
Curve Coefficients

Intercept:	0
Slope:	1.552

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	6.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.861569	25.0	391785.0	1.723139	Y
2	STD2 550-288457/5	1.0	1.626692	25.0	388411.0	1.626692	Y
3	STD3 550-288457/6	2.0	3.113182	25.0	411452.0	1.556591	Y
4	STD4 550-288457/7	5.0	8.072578	25.0	360396.0	1.614516	Y
5	STD5 550-288457/8	10.0	15.454228	25.0	396948.0	1.545423	Y
6	STD6 550-288457/9	25.0	38.639971	25.0	402598.0	1.545599	Y
7	ICIS 550-288457/10	50.0	75.620619	25.0	405764.0	1.512412	Y
8	STD8 550-288457/11	75.0	107.672798	25.0	396749.0	1.435637	Y
9	STD9 550-288457/12	100.0	140.868367	25.0	377876.0	1.408684	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

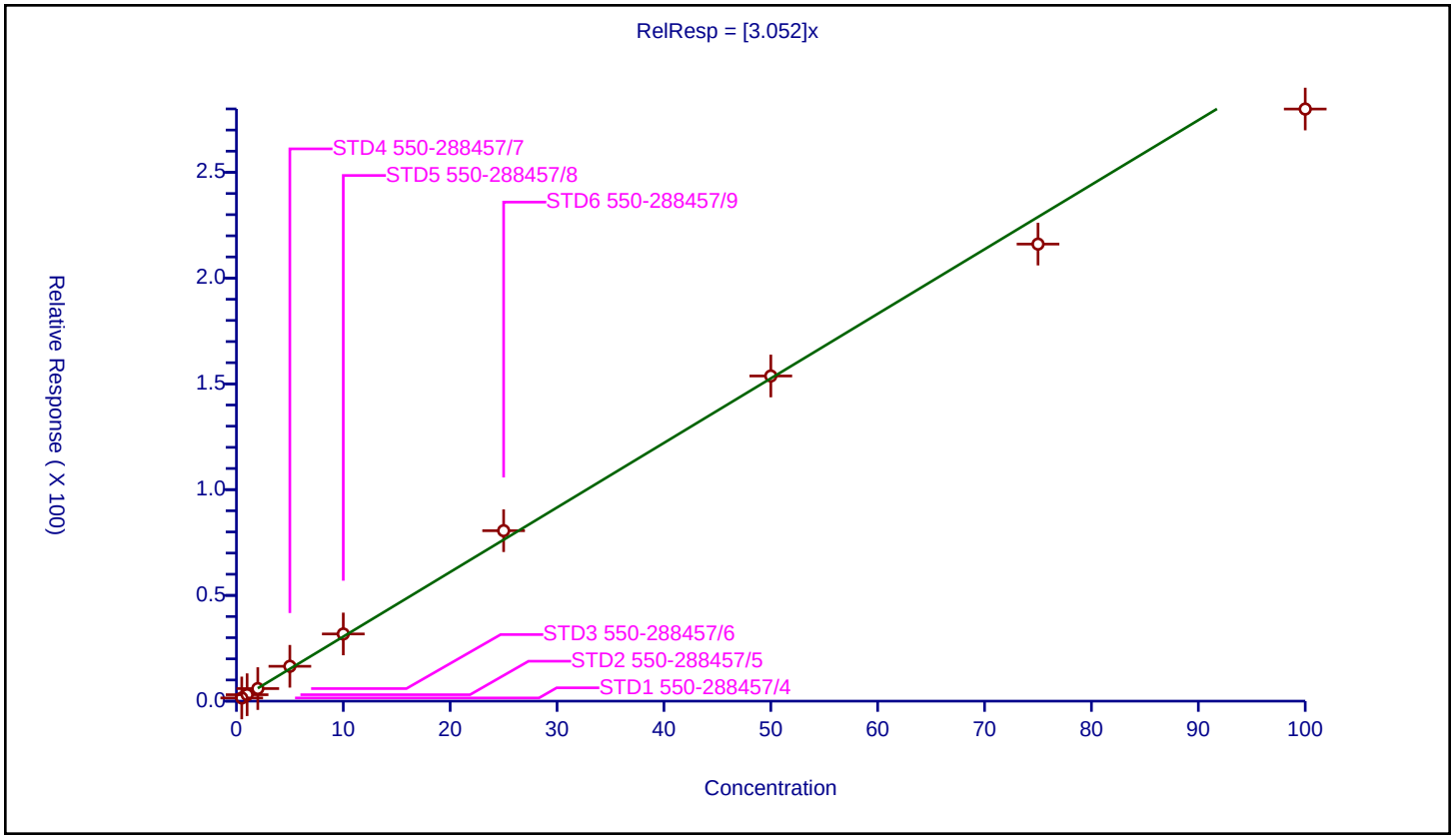
Curve Coefficients

Intercept:	0
Slope:	3.052

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.505418	25.0	391785.0	3.010835	Y
2	STD2 550-288457/5	1.0	3.037568	25.0	388411.0	3.037568	Y
3	STD3 550-288457/6	2.0	5.936598	25.0	411452.0	2.968299	Y
4	STD4 550-288457/7	5.0	16.478193	25.0	360396.0	3.295639	Y
5	STD5 550-288457/8	10.0	31.764866	25.0	396948.0	3.176487	Y
6	STD6 550-288457/9	25.0	80.580256	25.0	402598.0	3.22321	Y
7	ICIS 550-288457/10	50.0	153.727043	25.0	405764.0	3.074541	Y
8	STD8 550-288457/11	75.0	216.081011	25.0	396749.0	2.88108	Y
9	STD9 550-288457/12	100.0	279.935945	25.0	377876.0	2.799359	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

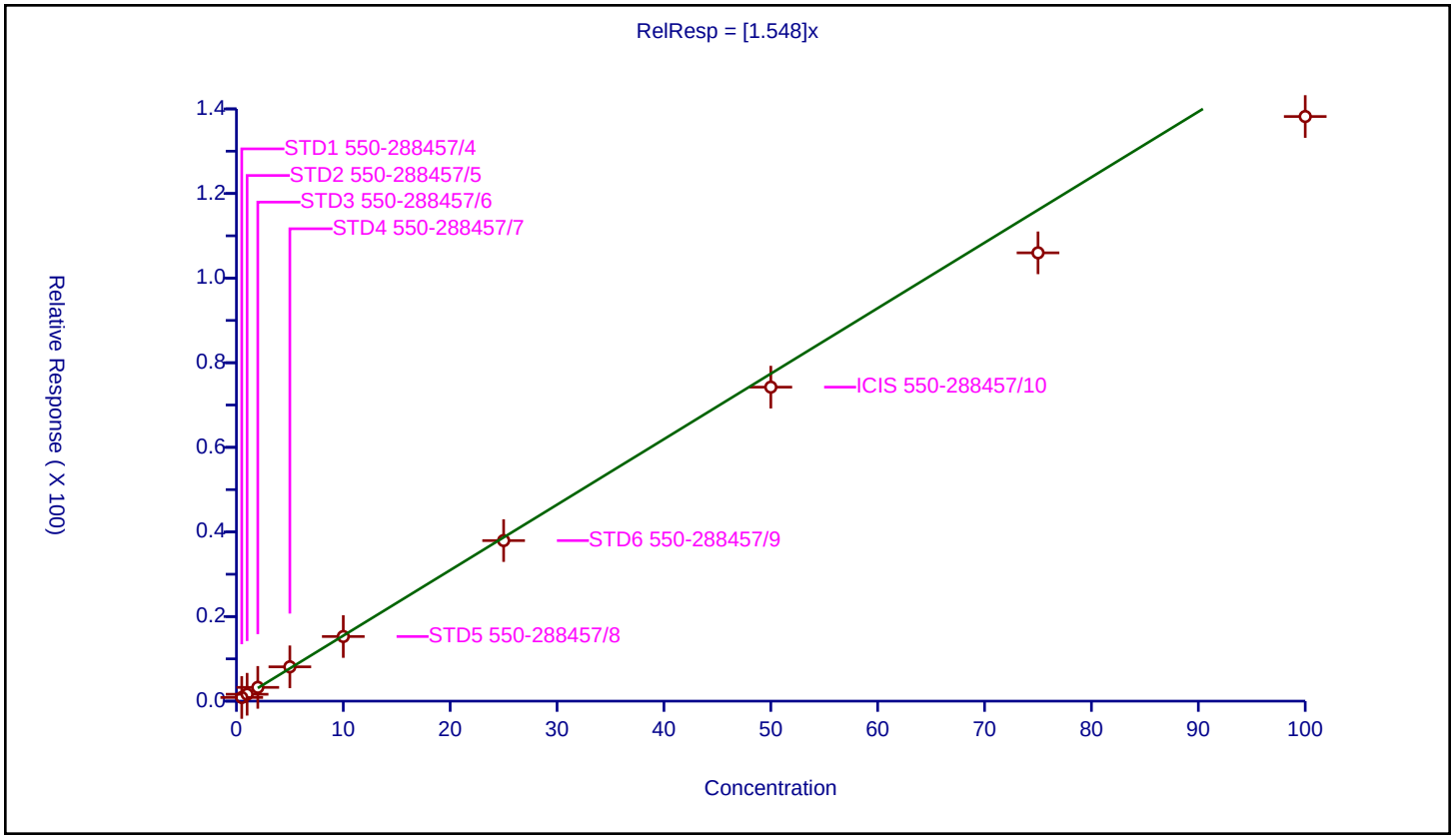
Curve Coefficients

Intercept:	0
Slope:	1.548

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	7.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.86693	25.0	391785.0	1.733859	Y
2	STD2 550-288457/5	1.0	1.625469	25.0	388411.0	1.625469	Y
3	STD3 550-288457/6	2.0	3.25208	25.0	411452.0	1.62604	Y
4	STD4 550-288457/7	5.0	8.110245	25.0	360396.0	1.622049	Y
5	STD5 550-288457/8	10.0	15.279016	25.0	396948.0	1.527902	Y
6	STD6 550-288457/9	25.0	37.956721	25.0	402598.0	1.518269	Y
7	ICIS 550-288457/10	50.0	74.225966	25.0	405764.0	1.484519	Y
8	STD8 550-288457/11	75.0	105.979221	25.0	396749.0	1.413056	Y
9	STD9 550-288457/12	100.0	138.199039	25.0	377876.0	1.38199	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

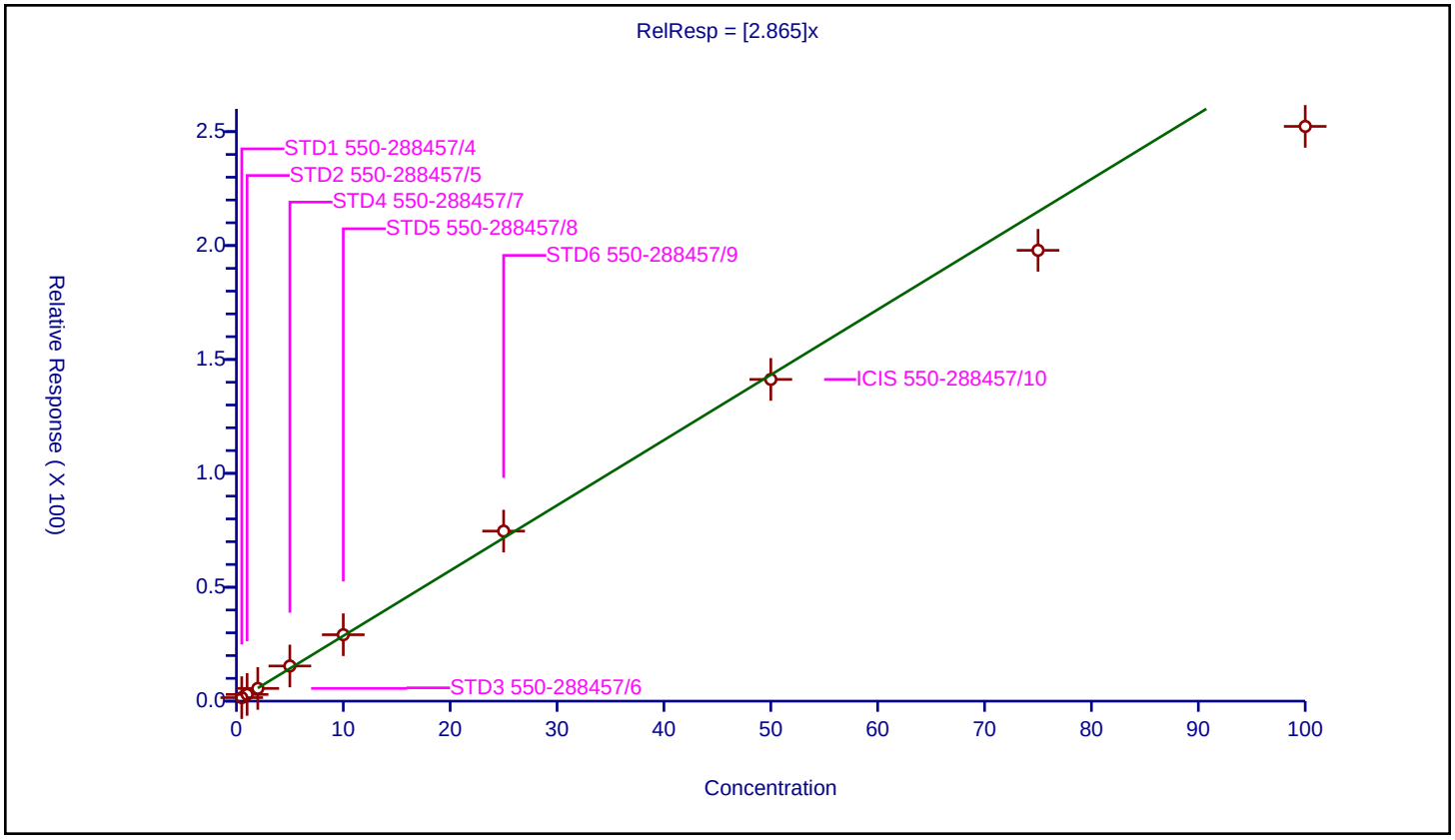
Curve Coefficients

Intercept:	0
Slope:	2.865

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	6.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.539365	25.0	391785.0	3.078729	Y
2	STD2 550-288457/5	1.0	2.938962	25.0	388411.0	2.938962	Y
3	STD3 550-288457/6	2.0	5.587651	25.0	411452.0	2.793825	Y
4	STD4 550-288457/7	5.0	15.427266	25.0	360396.0	3.085453	Y
5	STD5 550-288457/8	10.0	29.149851	25.0	396948.0	2.914985	Y
6	STD6 550-288457/9	25.0	74.647353	25.0	402598.0	2.985894	Y
7	ICIS 550-288457/10	50.0	141.241152	25.0	405764.0	2.824823	Y
8	STD8 550-288457/11	75.0	197.908627	25.0	396749.0	2.638782	Y
9	STD9 550-288457/12	100.0	252.314582	25.0	377876.0	2.523146	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

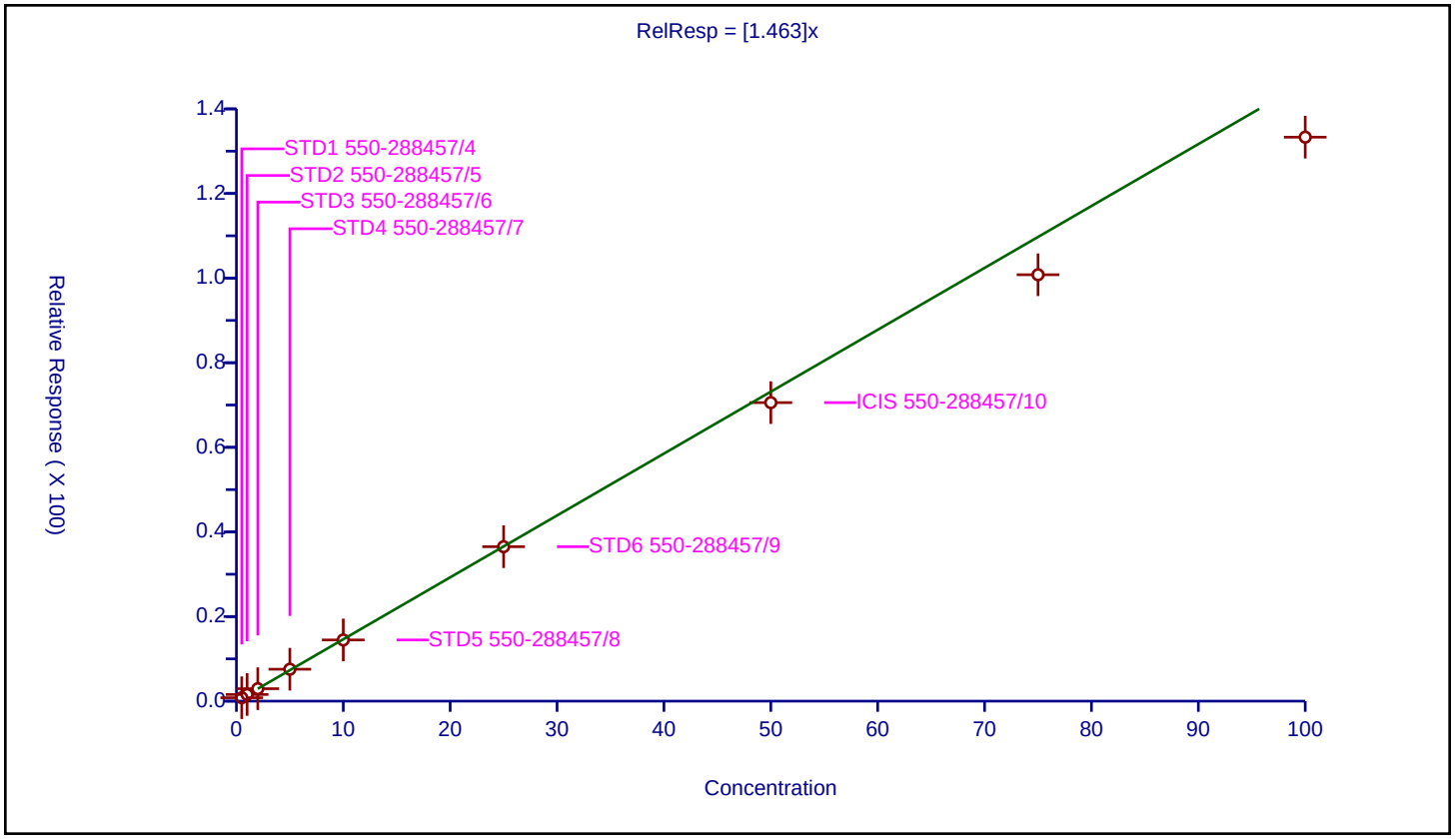
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	6.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.811861	25.0	391785.0	1.623722	Y
2	STD2 550-288457/5	1.0	1.567669	25.0	388411.0	1.567669	Y
3	STD3 550-288457/6	2.0	2.942567	25.0	411452.0	1.471283	Y
4	STD4 550-288457/7	5.0	7.5433	25.0	360396.0	1.50866	Y
5	STD5 550-288457/8	10.0	14.466504	25.0	396948.0	1.44665	Y
6	STD6 550-288457/9	25.0	36.509372	25.0	402598.0	1.460375	Y
7	ICIS 550-288457/10	50.0	70.565279	25.0	405764.0	1.411306	Y
8	STD8 550-288457/11	75.0	100.794646	25.0	396749.0	1.343929	Y
9	STD9 550-288457/12	100.0	133.31622	25.0	377876.0	1.333162	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

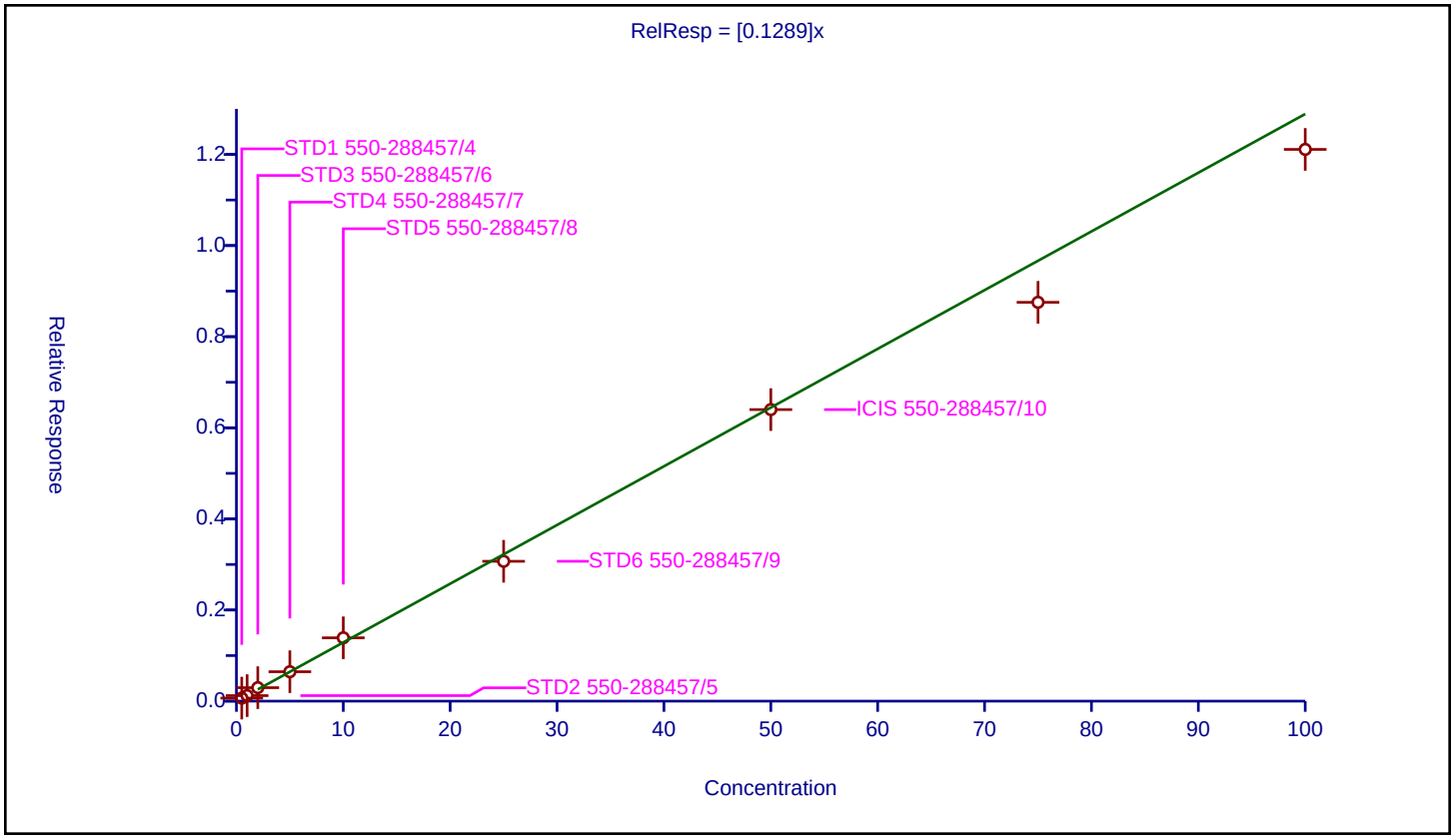
Curve Coefficients

Intercept:	0
Slope:	0.1289

Error Coefficients

Standard Error:	91300
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.066937	25.0	391785.0	0.133874	Y
2	STD2 550-288457/5	1.0	0.121521	25.0	388411.0	0.121521	Y
3	STD3 550-288457/6	2.0	0.295478	25.0	411452.0	0.147739	Y
4	STD4 550-288457/7	5.0	0.645679	25.0	360396.0	0.129136	Y
5	STD5 550-288457/8	10.0	1.390169	25.0	396948.0	0.139017	Y
6	STD6 550-288457/9	25.0	3.069501	25.0	402598.0	0.12278	Y
7	ICIS 550-288457/10	50.0	6.399533	25.0	405764.0	0.127991	Y
8	STD8 550-288457/11	75.0	8.754401	25.0	396749.0	0.116725	Y
9	STD9 550-288457/12	100.0	12.11052	25.0	377876.0	0.121105	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

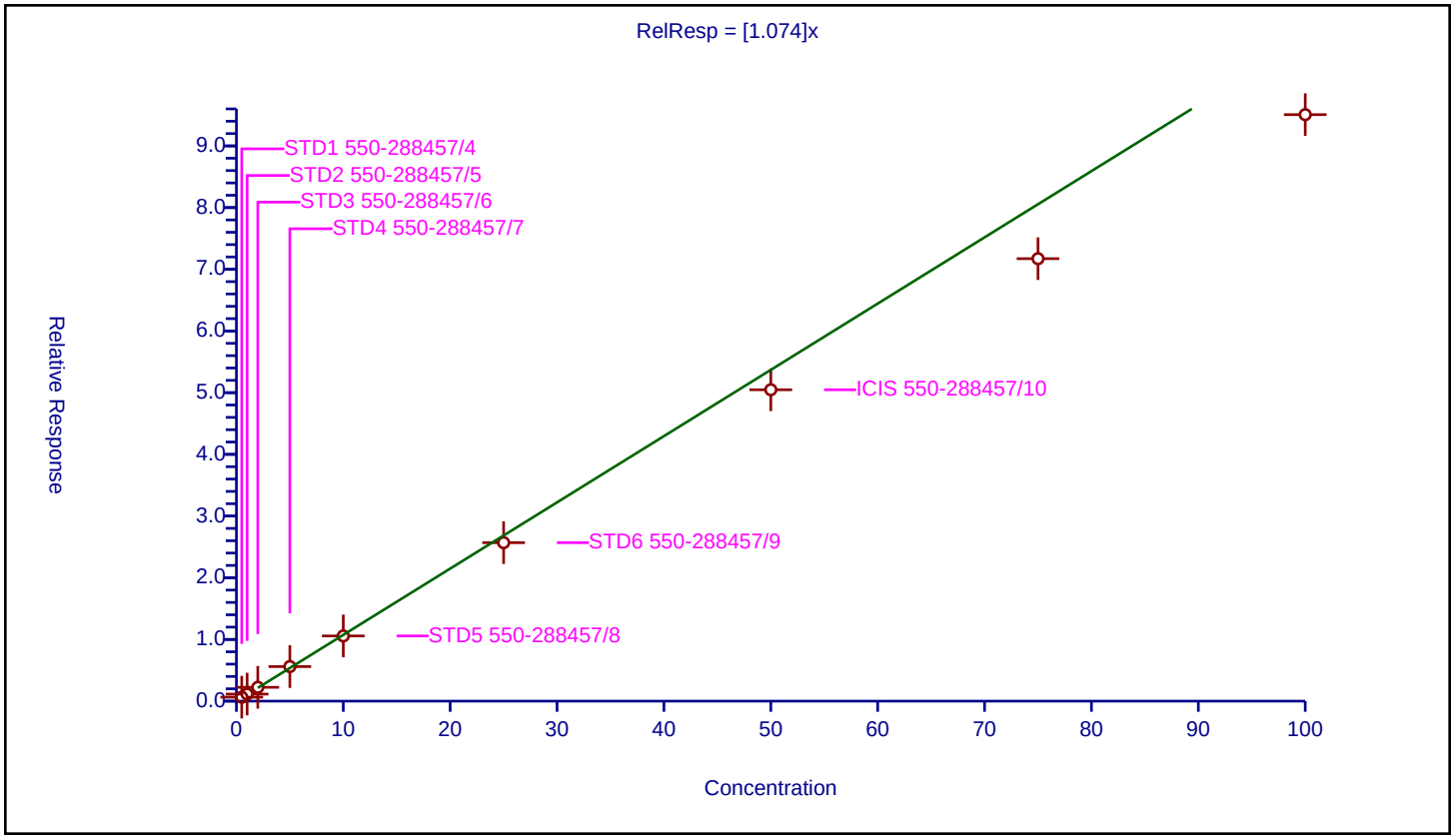
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	728000
Relative Standard Error:	9.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.639445	25.0	391785.0	1.27889	Y
2	STD2 550-288457/5	1.0	1.143891	25.0	388411.0	1.143891	Y
3	STD3 550-288457/6	2.0	2.242971	25.0	411452.0	1.121486	Y
4	STD4 550-288457/7	5.0	5.603211	25.0	360396.0	1.120642	Y
5	STD5 550-288457/8	10.0	10.565175	25.0	396948.0	1.056517	Y
6	STD6 550-288457/9	25.0	25.686044	25.0	402598.0	1.027442	Y
7	ICIS 550-288457/10	50.0	50.474167	25.0	405764.0	1.009483	Y
8	STD8 550-288457/11	75.0	71.725764	25.0	396749.0	0.956344	Y
9	STD9 550-288457/12	100.0	95.067496	25.0	377876.0	0.950675	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

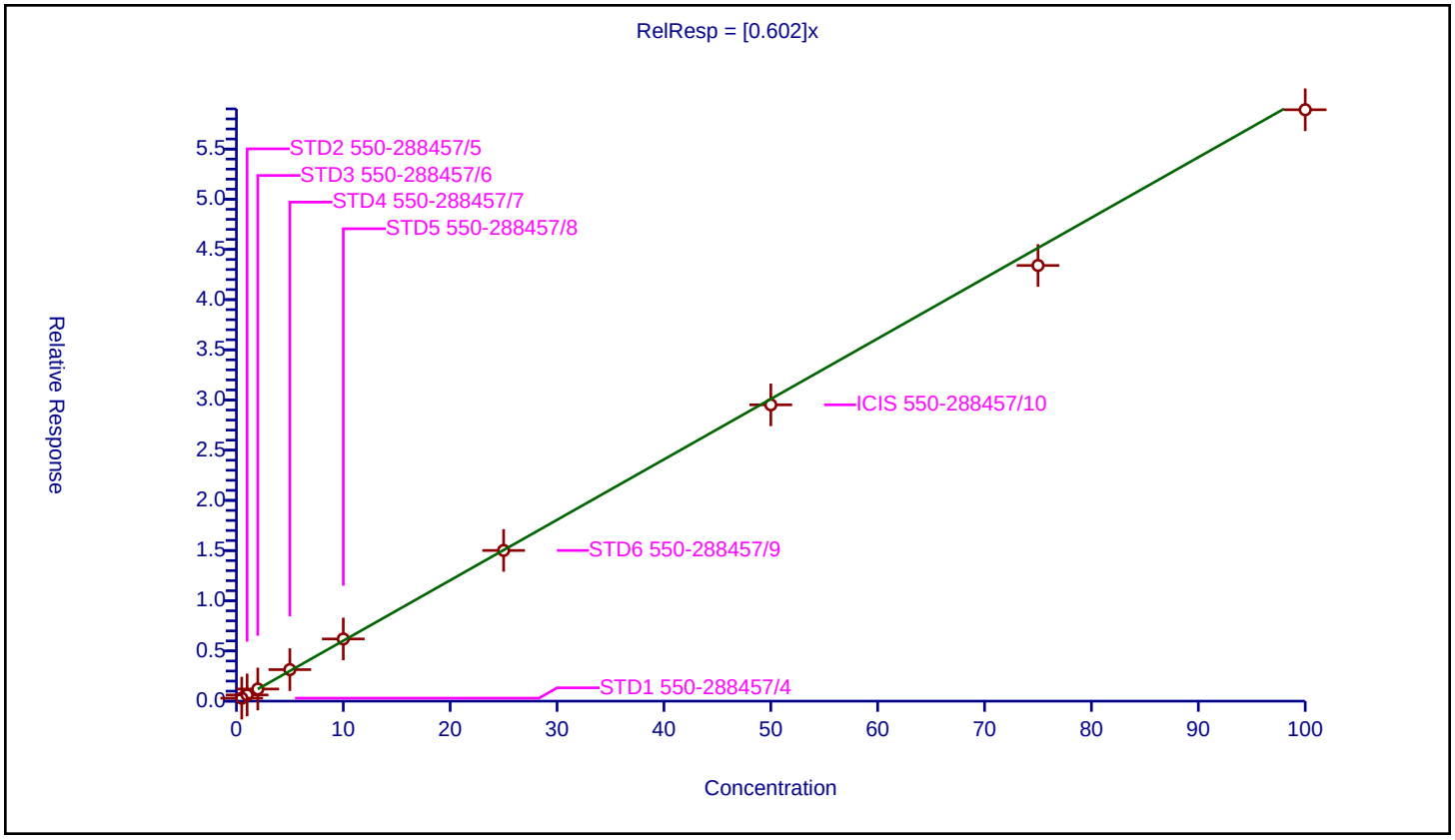
Curve Coefficients

Intercept:	0
Slope:	0.602

Error Coefficients

Standard Error:	443000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.295953	25.0	391785.0	0.591906	Y
2	STD2 550-288457/5	1.0	0.615714	25.0	388411.0	0.615714	Y
3	STD3 550-288457/6	2.0	1.208221	25.0	411452.0	0.604111	Y
4	STD4 550-288457/7	5.0	3.139533	25.0	360396.0	0.627907	Y
5	STD5 550-288457/8	10.0	6.194892	25.0	396948.0	0.619489	Y
6	STD6 550-288457/9	25.0	15.010445	25.0	402598.0	0.600418	Y
7	ICIS 550-288457/10	50.0	29.519807	25.0	405764.0	0.590396	Y
8	STD8 550-288457/11	75.0	43.401874	25.0	396749.0	0.578692	Y
9	STD9 550-288457/12	100.0	58.914895	25.0	377876.0	0.589149	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

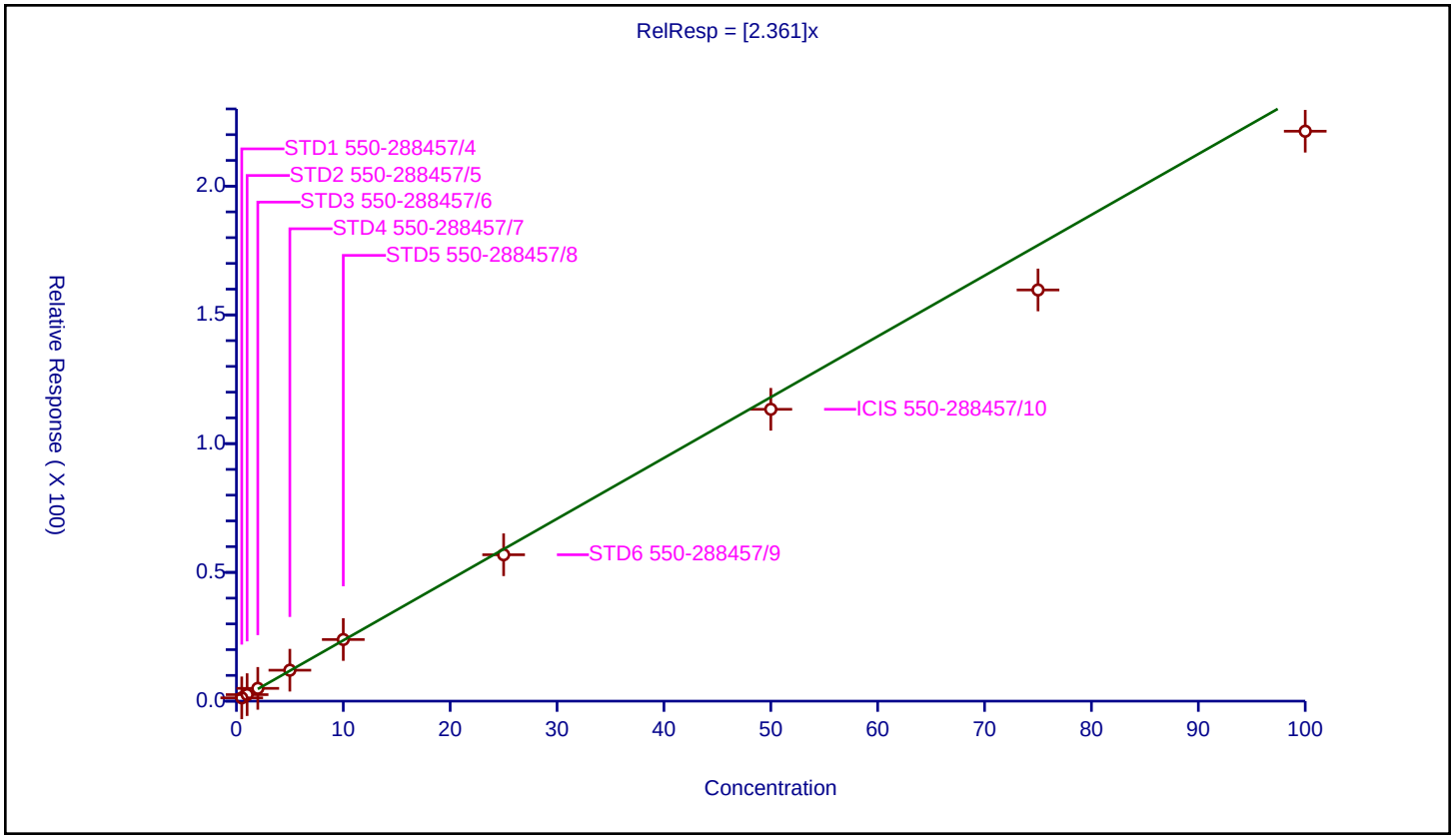
Curve Coefficients

Intercept:	0
Slope:	2.361

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.280549	25.0	391785.0	2.561099	Y
2	STD2 550-288457/5	1.0	2.524645	25.0	388411.0	2.524645	Y
3	STD3 550-288457/6	2.0	4.96358	25.0	411452.0	2.48179	Y
4	STD4 550-288457/7	5.0	12.015047	25.0	360396.0	2.403009	Y
5	STD5 550-288457/8	10.0	23.928071	25.0	396948.0	2.392807	Y
6	STD6 550-288457/9	25.0	56.848333	25.0	402598.0	2.273933	Y
7	ICIS 550-288457/10	50.0	113.33811	25.0	405764.0	2.266762	Y
8	STD8 550-288457/11	75.0	159.686981	25.0	396749.0	2.12916	Y
9	STD9 550-288457/12	100.0	221.336894	25.0	377876.0	2.213369	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

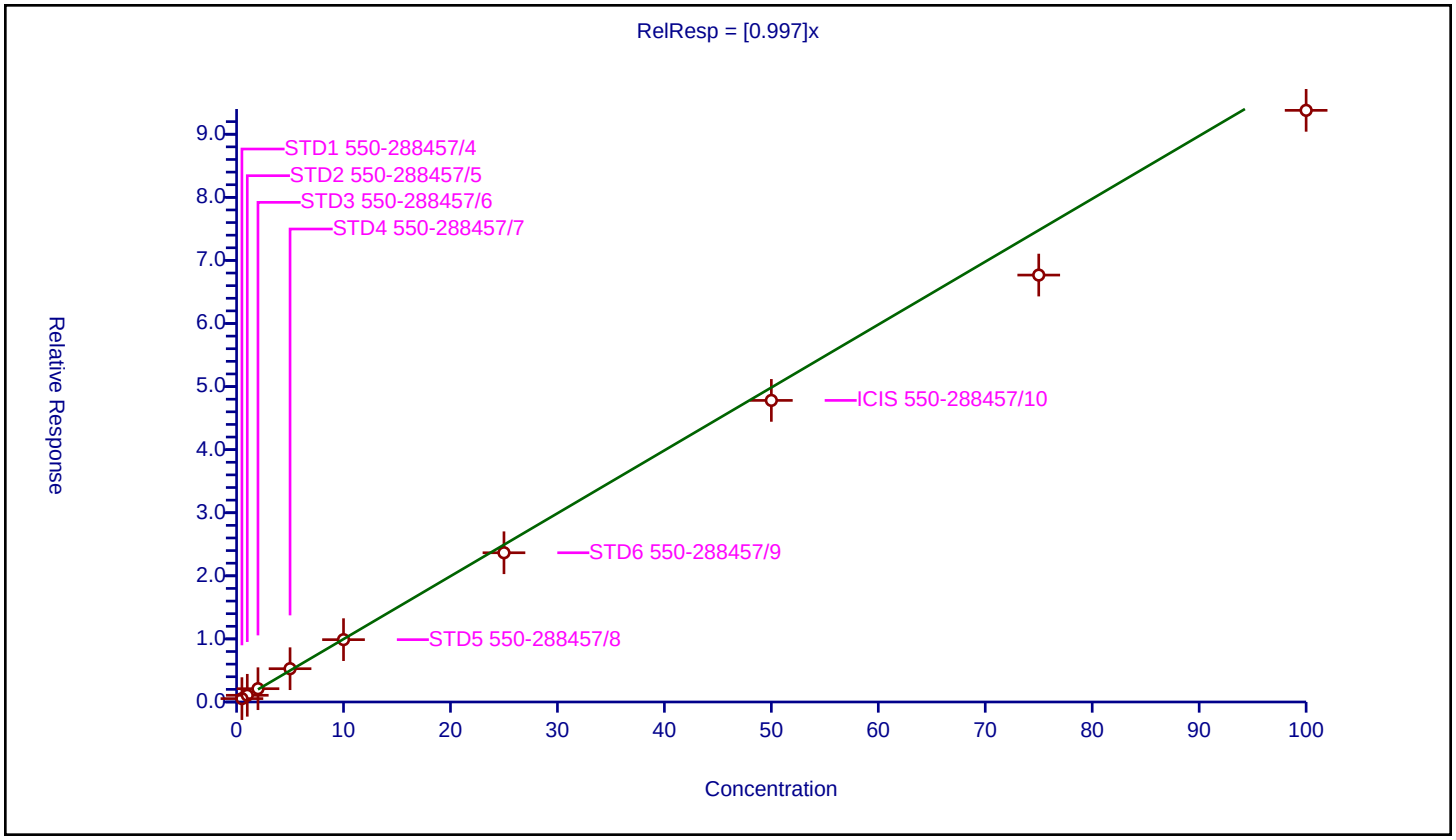
Curve Coefficients

Intercept:	0
Slope:	0.997

Error Coefficients

Standard Error:	702000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.535498	25.0	391785.0	1.070996	Y
2	STD2 550-288457/5	1.0	1.062277	25.0	388411.0	1.062277	Y
3	STD3 550-288457/6	2.0	2.107232	25.0	411452.0	1.053616	Y
4	STD4 550-288457/7	5.0	5.277112	25.0	360396.0	1.055422	Y
5	STD5 550-288457/8	10.0	9.882718	25.0	396948.0	0.988272	Y
6	STD6 550-288457/9	25.0	23.659829	25.0	402598.0	0.946393	Y
7	ICIS 550-288457/10	50.0	47.807346	25.0	405764.0	0.956147	Y
8	STD8 550-288457/11	75.0	67.677927	25.0	396749.0	0.902372	Y
9	STD9 550-288457/12	100.0	93.789497	25.0	377876.0	0.937895	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3023		81.2	50.0	162*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5657		55.7	50.0	111	60-140
Chloromethane	Ave	0.4137	0.5160	0.1000	62.4	50.0	125	48-144
Vinyl chloride	Ave	0.3739	0.4408		58.9	50.0	118	80-120
Butadiene	Ave	0.3760	0.4684		62.3	50.0	125	50-141
Bromomethane	Ave	0.2173	0.2382		54.8	50.0	110	40-144
Chloroethane	Ave	0.2134	0.2519		59.0	50.0	118	60-132
Trichlorofluoromethane	Ave	0.5470	0.5677		51.9	50.0	104	68-136
Ethanol	Lin1		0.1062		862	1000	86	36-150
1,1-Dichloroethene	Ave	0.2971	0.3028		50.9	50.0	102	80-120
Freon 113	Ave	0.3046	0.3279		53.8	50.0	108	76-124
Acetone	Lin1		0.0805		45.0	50.0	90	12-150
Iodomethane	Ave	0.5343	0.6739		63.1	50.0	126	40-150
Carbon disulfide	Ave	0.8222	0.9883		60.1	50.0	120	64-136
Methylene Chloride	Lin1		0.2830		48.7	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.295		262	250	105	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6547		50.2	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3214		51.1	50.0	102	76-120
Hexane	Ave	0.3912	0.4498		57.5	50.0	115	56-150
1,1-Dichloroethane	Ave	0.4939	0.5107	0.1000	51.7	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0416		54.4	50.0	109	48-150
Isopropyl ether	Ave	0.7076	0.7547		53.3	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7111		51.7	50.0	103	72-140
2-Butanone (MEK)	Ave	0.0272	0.0280		51.5	50.0	103	44-150
2,2-Dichloropropane	Ave	0.4545	0.4900		53.9	50.0	108	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4192		45.6	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1515		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0340		49.0	50.0	98	64-139
Chloroform	Ave	0.5149	0.4979		48.3	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4985		50.3	50.0	101	72-132
Carbon tetrachloride	Ave	0.6413	0.6032		47.0	50.0	94	72-136
1,1-Dichloropropene	Ave	0.5271	0.5073		48.1	50.0	96	76-128
Benzene	Ave	1.525	1.423		46.7	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3917		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8524		47.2	50.0	94	68-140
Trichloroethene	Ave	0.4237	0.3935		46.4	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3169		46.7	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1917		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4440		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1570		45.7	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5265		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2395		49.2	50.0	98	60-144
Toluene	Ave	0.9499	0.9023		47.5	50.0	95	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4454		48.2	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2521		44.2	50.0	88	72-132
Tetrachloroethene	Ave	0.4284	0.3955		46.2	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4101		44.8	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1724		51.3	50.0	103	52-150
Chlorodibromomethane	Ave	0.3686	0.3320		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2647		45.0	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9907	0.3000	44.7	50.0	89	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3684		44.8	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.661		46.8	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.142		44.9	50.0	90	80-120
o-Xylene	Ave	1.271	1.133		44.6	50.0	89	72-128
Styrene	Ave	2.071	1.828		44.1	50.0	88	84-124
Bromoform	Lin1		0.3883	0.1000	37.5	50.0	75	68-132
Isopropylbenzene	Ave	3.305	3.011		45.5	50.0	91	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5231	0.3000	42.8	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7562		41.9	50.0	84	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0961		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1571		40.4	50.0	81	76-128
N-Propylbenzene	Ave	3.693	3.426		46.4	50.0	93	76-132
2-Chlorotoluene	Ave	2.491	2.296		46.1	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.561		46.2	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.008		45.3	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.310		46.2	50.0	92	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.425		45.8	50.0	92	80-128
sec-Butylbenzene	Ave	3.163	2.985		47.2	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.534		44.4	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.909		48.1	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.491		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.496		49.7	50.0	99	76-132
1,2-Dichlorobenzene	Ave	1.627	1.361		41.8	50.0	84	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.0990		42.9	50.0	86	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.038		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6781		44.9	50.0	90	76-132
Naphthalene	Ave	2.367	1.816		38.4	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8700		39.0	50.0	78	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2646		37.0	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.281		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7315		32.8	40.0	82	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288639/2 Calibration Date: 11/15/2022 08:43

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11152202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3236		86.9	50.0	174*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.6026		59.4	50.0	119	60-140
Chloromethane	Ave	0.4137	0.5037	0.1000	60.9	50.0	122	48-144
Vinyl chloride	Ave	0.3739	0.4625		61.8	50.0	124*	80-120
Butadiene	Ave	0.3760	0.4788		63.7	50.0	127	50-141
Bromomethane	Ave	0.2173	0.2107		48.5	50.0	97	40-144
Chloroethane	Ave	0.2134	0.2567		60.2	50.0	120	60-132
Trichlorofluoromethane	Ave	0.5470	0.6083		55.6	50.0	111	68-136
Ethanol	Lin1		0.1261		1030	1000	103	36-150
1,1-Dichloroethene	Ave	0.2971	0.3226		54.3	50.0	109	80-120
Freon 113	Ave	0.3046	0.3525		57.9	50.0	116	76-124
Acetone	Lin1		0.1089		61.3	50.0	123	12-150
Iodomethane	Ave	0.5343	0.5775		54.0	50.0	108	40-150
Carbon disulfide	Ave	0.8222	1.020		62.0	50.0	124	64-136
Methylene Chloride	Lin1		0.2898		49.9	50.0	100	68-128
2-Methyl-2-propanol	Lin2		1.230		248	250	99	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6484		49.7	50.0	99	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3364		53.5	50.0	107	76-120
Hexane	Ave	0.3912	0.4902		62.7	50.0	125	56-150
1,1-Dichloroethane	Ave	0.4939	0.5272	0.1000	53.4	50.0	107	72-124
Vinyl acetate	Ave	0.0383	0.0446		58.3	50.0	117	48-150
Isopropyl ether	Ave	0.7076	0.7588		53.6	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7025		51.1	50.0	102	72-140
2-Butanone (MEK)	Ave	0.0272	0.0320		58.7	50.0	117	44-150
2,2-Dichloropropane	Ave	0.4545	0.5082		55.9	50.0	112	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4406		47.9	50.0	96	72-128
Chlorobromomethane	Ave	0.1603	0.1529		47.7	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0384		55.5	50.0	111	64-139
Chloroform	Ave	0.5149	0.5142		49.9	50.0	100	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5206		52.6	50.0	105	72-132
Carbon tetrachloride	Ave	0.6413	0.6408		50.0	50.0	100	72-136
1,1-Dichloropropene	Ave	0.5271	0.5491		52.1	50.0	104	76-128
Benzene	Ave	1.525	1.494		49.0	50.0	98	76-120
1,2-Dichloroethane	Ave	0.4516	0.4084		45.2	50.0	90	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8430		46.7	50.0	93	68-140
Trichloroethene	Ave	0.4237	0.4169		49.2	50.0	98	80-120
1,2-Dichloropropane	Ave	0.3390	0.3257		48.0	50.0	96	80-120
Dibromomethane	Ave	0.2171	0.1965		45.3	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4570		46.7	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1623		47.2	50.0	94	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5351		48.7	50.0	97	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288639/2 Calibration Date: 11/15/2022 08:43

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11152202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2602		53.4	50.0	107	60-144
Toluene	Ave	0.9499	0.9238		48.6	50.0	97	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4518		48.8	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2570		45.1	50.0	90	72-132
Tetrachloroethene	Ave	0.4284	0.4264		49.8	50.0	100	76-128
1,3-Dichloropropane	Ave	0.4577	0.4232		46.2	50.0	92	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1927		57.4	50.0	115	52-150
Chlorodibromomethane	Ave	0.3686	0.3319		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2696		45.9	50.0	92	80-128
Chlorobenzene	Ave	1.109	1.013	0.3000	45.7	50.0	91	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3703		45.0	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.746		49.2	50.0	98	80-120
m-Xylene & p-Xylene	Ave	1.271	1.200		47.2	50.0	94	80-120
o-Xylene	Ave	1.271	1.174		46.2	50.0	92	72-128
Styrene	Ave	2.071	1.855		44.8	50.0	90	84-124
Bromoform	Lin1		0.3920	0.1000	37.9	50.0	76	68-132
Isopropylbenzene	Ave	3.305	3.235		48.9	50.0	98	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5538	0.3000	45.3	50.0	91	68-132
Bromobenzene	Ave	0.9030	0.7758		43.0	50.0	86	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1193		45.9	50.0	92	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1699		43.7	50.0	87	76-128
N-Propylbenzene	Ave	3.693	3.663		49.6	50.0	99	76-132
2-Chlorotoluene	Ave	2.491	2.409		48.4	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.527		45.6	50.0	91	80-128
4-Chlorotoluene	Ave	2.214	2.012		45.4	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.436		48.8	50.0	98	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.528		47.7	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.218		50.9	50.0	102	80-128
1,3-Dichlorobenzene	Ave	1.726	1.569		45.4	50.0	91	80-124
4-Isopropyltoluene	Ave	3.024	3.079		50.9	50.0	102	80-128
1,4-Dichlorobenzene	Ave	1.705	1.551		45.5	50.0	91	76-120
n-Butylbenzene	Ave	2.511	2.668		53.1	50.0	106	76-132
1,2-Dichlorobenzene	Ave	1.627	1.427		43.9	50.0	88	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1139		49.3	50.0	99	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.105		45.3	50.0	91	76-128
Hexachlorobutadiene	Ave	0.7555	0.7399		49.0	50.0	98	76-132
Naphthalene	Ave	2.367	2.020		42.7	50.0	85	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9367		42.0	50.0	84	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2593		36.3	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.305		35.9	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7260		32.6	40.0	81	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288760/2 Calibration Date: 11/16/2022 10:37

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11162206.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2789		74.9	50.0	150	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5106		50.3	50.0	101	60-140
Chloromethane	Ave	0.4137	0.4033	0.1000	48.7	50.0	97	48-144
Vinyl chloride	Ave	0.3739	0.4651		62.2	50.0	124*	80-120
Butadiene	Ave	0.3760	0.4335		57.7	50.0	115	50-141
Bromomethane	Ave	0.2173	0.2279		52.4	50.0	105	40-144
Chloroethane	Ave	0.2134	0.2413		56.6	50.0	113	60-132
Trichlorofluoromethane	Ave	0.5470	0.5958		54.5	50.0	109	68-136
Ethanol	Lin1		0.1078		876	1000	88	36-150
1,1-Dichloroethene	Ave	0.2971	0.3066		51.6	50.0	103	80-120
Freon 113	Ave	0.3046	0.3255		53.4	50.0	107	76-124
Acetone	Lin1		0.0859		48.2	50.0	96	12-150
Iodomethane	Ave	0.5343	0.5513		51.6	50.0	103	40-150
Carbon disulfide	Ave	0.8222	0.9722		59.1	50.0	118	64-136
Methylene Chloride	Lin1		0.2814		48.5	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.167		236	250	94	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6291		48.2	50.0	96	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3238		51.5	50.0	103	76-120
Hexane	Ave	0.3912	0.4433		56.7	50.0	113	56-150
1,1-Dichloroethane	Ave	0.4939	0.5087	0.1000	51.5	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0424		55.4	50.0	111	48-150
Isopropyl ether	Ave	0.7076	0.7109		50.2	50.0	100	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6809		49.5	50.0	99	72-140
2,2-Dichloropropane	Ave	0.4545	0.5020		55.2	50.0	110	64-140
2-Butanone (MEK)	Ave	0.0272	0.0281		51.7	50.0	103	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4266		46.4	50.0	93	72-128
Chlorobromomethane	Ave	0.1603	0.1526		47.6	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0343		49.4	50.0	99	64-139
Chloroform	Ave	0.5149	0.5033		48.9	50.0	98	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5068		51.2	50.0	102	72-132
Carbon tetrachloride	Ave	0.6413	0.6207		48.4	50.0	97	72-136
1,1-Dichloropropene	Ave	0.5271	0.5185		49.2	50.0	98	76-128
Benzene	Ave	1.525	1.419		46.5	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3921		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8122		45.0	50.0	90	68-140
Trichloroethene	Ave	0.4237	0.3995		47.2	50.0	94	80-120
1,2-Dichloropropane	Ave	0.3390	0.3143		46.4	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1933		44.5	50.0	89	72-132
Dichlorobromomethane	Ave	0.4894	0.4445		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1538		44.7	50.0	89	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5301		48.2	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288760/2 Calibration Date: 11/16/2022 10:37

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11162206.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2457		50.4	50.0	101	60-144
Toluene	Ave	0.9499	0.8883		46.8	50.0	94	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4476		48.4	50.0	97	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2470		43.4	50.0	87	72-132
Tetrachloroethene	Ave	0.4284	0.4048		47.2	50.0	94	76-128
1,3-Dichloropropane	Ave	0.4577	0.4049		44.2	50.0	88	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1775		52.9	50.0	106	52-150
Chlorodibromomethane	Ave	0.3686	0.3325		45.1	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2625		44.7	50.0	89	80-128
Chlorobenzene	Ave	1.109	0.9781	0.3000	44.1	50.0	88	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3655		44.4	50.0	89	76-124
Ethylbenzene	Ave	1.773	1.667		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.185		46.6	50.0	93	80-120
o-Xylene	Ave	1.271	1.162		45.7	50.0	91	72-128
Styrene	Ave	2.071	1.868		45.1	50.0	90	84-124
Bromoform	Lin1		0.3964	0.1000	38.3	50.0	77	68-132
Isopropylbenzene	Ave	3.305	3.176		48.0	50.0	96	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5269	0.3000	43.1	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7674		42.5	50.0	85	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1167		45.0	50.0	90	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1604		41.3	50.0	83	76-128
N-Propylbenzene	Ave	3.693	3.560		48.2	50.0	96	76-132
2-Chlorotoluene	Ave	2.491	2.287		45.9	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.688		48.5	50.0	97	80-128
4-Chlorotoluene	Ave	2.214	1.965		44.4	50.0	89	80-124
tert-Butylbenzene	Ave	2.497	2.409		48.2	50.0	96	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.482		46.9	50.0	94	80-128
sec-Butylbenzene	Ave	3.163	3.111		49.2	50.0	98	80-128
1,3-Dichlorobenzene	Ave	1.726	1.517		44.0	50.0	88	80-124
4-Isopropyltoluene	Ave	3.024	3.003		49.6	50.0	99	80-128
1,4-Dichlorobenzene	Ave	1.705	1.490		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.644		52.6	50.0	105	76-132
1,2-Dichlorobenzene	Ave	1.627	1.383		42.5	50.0	85	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1096		47.4	50.0	95	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.152		47.2	50.0	94	76-128
Hexachlorobutadiene	Ave	0.7555	0.7960		52.7	50.0	105	76-132
Naphthalene	Ave	2.367	2.113		44.6	50.0	89	68-136
1,2,3-Trichlorobenzene	Ave	1.115	1.010		45.3	50.0	91	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2758		38.6	40.0	96	80-120
Toluene-d8 (Surr)	Ave	1.453	1.351		37.2	40.0	93	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7706		34.6	40.0	86	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288978/2 Calibration Date: 11/18/2022 10:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2718		73.0	50.0	146	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5197		51.2	50.0	102	60-140
Chloromethane	Ave	0.4137	0.4592	0.1000	55.5	50.0	111	48-144
Vinyl chloride	Ave	0.3739	0.5268		70.4	50.0	141*	80-120
Butadiene	Ave	0.3760	0.5007		66.6	50.0	133	50-141
Bromomethane	Ave	0.2173	0.2436		56.1	50.0	112	40-144
Chloroethane	Ave	0.2134	0.2890		67.7	50.0	135*	60-132
Trichlorofluoromethane	Ave	0.5470	0.6501		59.4	50.0	119	68-136
Ethanol	Lin1		0.1993		1630	1000	163*	36-150
1,1-Dichloroethene	Ave	0.2971	0.3424		57.6	50.0	115	80-120
Freon 113	Ave	0.3046	0.3572		58.7	50.0	117	76-124
Acetone	Lin1		0.1017		57.1	50.0	114	12-150
Iodomethane	Ave	0.5343	0.6245		58.4	50.0	117	40-150
Carbon disulfide	Ave	0.8222	1.071		65.1	50.0	130	64-136
Methylene Chloride	Lin1		0.3415		58.9	50.0	118	68-128
2-Methyl-2-propanol	Lin2		1.317		266	250	106	70-134
Methyl tert-butyl ether	Ave	0.6526	0.7692		58.9	50.0	118	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3733		59.3	50.0	119	76-120
Hexane	Ave	0.3912	0.4874		62.3	50.0	125	56-150
1,1-Dichloroethane	Ave	0.4939	0.6004	0.1000	60.8	50.0	122	72-124
Vinyl acetate	Ave	0.0383	0.0503		65.7	50.0	131	48-150
Isopropyl ether	Ave	0.7076	0.8848		62.5	50.0	125	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.8500		61.8	50.0	124	72-140
2-Butanone (MEK)	Ave	0.0272	0.0330		60.7	50.0	121	44-150
2,2-Dichloropropane	Ave	0.4545	0.5716		62.9	50.0	126	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4847		52.7	50.0	105	72-128
Chlorobromomethane	Ave	0.1603	0.1852		57.8	50.0	116	72-132
Tetrahydrofuran	Lin1		0.0353		50.9	50.0	102	64-139
Chloroform	Ave	0.5149	0.6021		58.5	50.0	117	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5733		57.9	50.0	116	72-132
Carbon tetrachloride	Ave	0.6413	0.6565		51.2	50.0	102	72-136
1,1-Dichloropropene	Ave	0.5271	0.5552		52.7	50.0	105	76-128
Benzene	Ave	1.525	1.611		52.8	50.0	106	76-120
1,2-Dichloroethane	Ave	0.4516	0.4508		49.9	50.0	100	68-136
Tert-amyl methyl ether	Ave	0.9025	0.9525		52.8	50.0	106	68-140
Trichloroethene	Ave	0.4237	0.4407		52.0	50.0	104	80-120
1,2-Dichloropropane	Ave	0.3390	0.3609		53.2	50.0	106	80-120
Dibromomethane	Ave	0.2171	0.2195		50.5	50.0	101	72-132
Dichlorobromomethane	Ave	0.4894	0.5037		51.5	50.0	103	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1744		50.7	50.0	101	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5800		52.8	50.0	106	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288978/2 Calibration Date: 11/18/2022 10:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2674		54.9	50.0	110	60-144
Toluene	Ave	0.9499	1.005		52.9	50.0	106	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4922		53.2	50.0	106	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2897		50.8	50.0	102	72-132
Tetrachloroethene	Ave	0.4284	0.4466		52.1	50.0	104	76-128
1,3-Dichloropropane	Ave	0.4577	0.4744		51.8	50.0	104	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1937		57.7	50.0	115	52-150
Chlorodibromomethane	Ave	0.3686	0.3652		49.5	50.0	99	80-128
1,2-Dibromoethane	Ave	0.2938	0.2998		51.0	50.0	102	80-128
Chlorobenzene	Ave	1.109	1.151	0.3000	51.9	50.0	104	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.4238		51.5	50.0	103	76-124
Ethylbenzene	Ave	1.773	1.894		53.4	50.0	107	80-120
m-Xylene & p-Xylene	Ave	1.271	1.281		50.4	50.0	101	80-120
o-Xylene	Ave	1.271	1.274		50.1	50.0	100	72-128
Styrene	Ave	2.071	2.062		49.8	50.0	100	84-124
Bromoform	Lin1		0.3956	0.1000	38.2	50.0	76	68-132
Isopropylbenzene	Ave	3.305	3.356		50.8	50.0	102	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5784	0.3000	47.3	50.0	95	68-132
Bromobenzene	Ave	0.9030	0.8720		48.3	50.0	97	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0876		33.9	50.0	68	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1732		44.6	50.0	89	76-128
N-Propylbenzene	Ave	3.693	3.762		50.9	50.0	102	76-132
2-Chlorotoluene	Ave	2.491	2.532		50.8	50.0	102	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.787		50.3	50.0	101	80-128
4-Chlorotoluene	Ave	2.214	2.239		50.6	50.0	101	80-124
tert-Butylbenzene	Ave	2.497	2.609		52.2	50.0	104	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.757		52.1	50.0	104	80-128
sec-Butylbenzene	Ave	3.163	3.294		52.1	50.0	104	80-128
1,3-Dichlorobenzene	Ave	1.726	1.743		50.5	50.0	101	80-124
4-Isopropyltoluene	Ave	3.024	3.258		53.9	50.0	108	80-128
1,4-Dichlorobenzene	Ave	1.705	1.705		50.0	50.0	100	76-120
n-Butylbenzene	Ave	2.511	2.783		55.4	50.0	111	76-132
1,2-Dichlorobenzene	Ave	1.627	1.599		49.2	50.0	98	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1084		46.9	50.0	94	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.299		53.2	50.0	106	76-128
Hexachlorobutadiene	Ave	0.7555	0.8424		55.8	50.0	112	76-132
Naphthalene	Ave	2.367	2.281		48.2	50.0	96	68-136
1,2,3-Trichlorobenzene	Ave	1.115	1.130		50.7	50.0	101	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.3334		46.6	40.0	117	80-120
Toluene-d8 (Surr)	Ave	1.453	1.540		42.4	40.0	106	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.8833		39.6	40.0	99	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: ICV 550-288457/15 Calibration Date: 11/11/2022 17:44

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11112216.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1618		46.9	50.0	94	59-143
Dichlorodifluoromethane	Ave	0.2803	0.2360		42.1	50.0	84	60-140
Chloromethane	Ave	0.3120	0.2437	0.1000	39.1	50.0	78	48-144
Vinyl chloride	Ave	0.2488	0.2373		47.7	50.0	95	80-120
Butadiene	Ave	0.2496	0.2114		42.4	50.0	85	50-141
Bromomethane	Qua		0.1137		41.8	50.0	84	40-144
Chloroethane	Ave	0.1575	0.1425		45.2	50.0	90	60-132
Trichlorofluoromethane	Ave	0.3652	0.3280		44.9	50.0	90	68-136
Ethanol	Lin1		0.1311		475	500	95	36-150
1,1-Dichloroethene	Ave	0.2581	0.2440		47.3	50.0	95	80-120
Freon 113	Ave	0.2296	0.2102		45.8	50.0	92	76-124
Acetone	Ave	0.1217	0.0940		38.6	50.0	77	12-150
Iodomethane	Ave	0.4055	0.3473		42.8	50.0	86	40-150
Carbon disulfide	Ave	0.8316	0.7440		44.7	50.0	89	64-136
Methylene Chloride	Lin2		0.2644		46.9	50.0	94	68-128
2-Methyl-2-propanol	Lin2		1.393		253	250	101	70-134
Methyl tert-butyl ether	Ave	0.6515	0.6269		48.1	50.0	96	64-140
trans-1,2-Dichloroethene	Ave	0.3168	0.2888		45.6	50.0	91	76-120
Hexane	Ave	0.4904	0.4523		46.1	50.0	92	56-150
1,1-Dichloroethane	Ave	0.5604	0.4988	0.1000	44.5	50.0	89	72-124
Vinyl acetate	Ave	0.0453	0.0437		48.3	50.0	97	48-150
Isopropyl ether	Ave	0.8461	0.7955		47.0	50.0	94	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.7282		47.4	50.0	95	72-140
2,2-Dichloropropane	Ave	0.3979	0.3506		44.1	50.0	88	64-140
2-Butanone (MEK)	Ave	0.0327	0.0295		45.0	50.0	90	44-150
cis-1,2-Dichloroethene	Ave	0.5178	0.4390		42.4	50.0	85	72-128
Chlorobromomethane	Ave	0.1445	0.1322		45.7	50.0	91	72-132
Tetrahydrofuran	Lin1		0.0448		50.5	50.0	101	64-139
Chloroform	Ave	0.5175	0.4572		44.2	50.0	88	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.3632		45.4	50.0	91	72-132
Carbon tetrachloride	Ave	0.5050	0.4336		42.9	50.0	86	72-136
1,1-Dichloropropene	Ave	0.6087	0.5141		42.2	50.0	84	76-128
Benzene	Ave	1.802	1.538		42.7	50.0	85	76-120
1,2-Dichloroethane	Ave	0.4832	0.4289		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	1.078	0.9768		45.3	50.0	91	68-140
Trichloroethene	Ave	0.4574	0.3933		43.0	50.0	86	80-120
1,2-Dichloropropane	Ave	0.4104	0.3639		44.3	50.0	89	80-120
Dibromomethane	Ave	0.2131	0.1914		44.9	50.0	90	72-132
Dichlorobromomethane	Ave	0.5264	0.4726		44.9	50.0	90	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.1436		47.9	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.5782		46.2	50.0	92	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: ICV 550-288457/15 Calibration Date: 11/11/2022 17:44

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11112216.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.2795		43.9	50.0	88	60-144
Toluene	Ave	1.004	0.8962		44.6	50.0	89	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.4747		47.6	50.0	95	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.2620		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.3543	0.3138		44.3	50.0	89	76-128
1,3-Dichloropropane	Ave	0.4874	0.4532		46.5	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.1781		43.9	50.0	88	52-150
Chlorodibromomethane	Ave	0.3191	0.3035		47.5	50.0	95	80-128
1,2-Dibromoethane	Ave	0.2714	0.2529		46.6	50.0	93	80-128
Chlorobenzene	Ave	0.9948	0.9015	0.3000	45.3	50.0	91	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3119		46.7	50.0	93	76-124
Ethylbenzene	Ave	1.726	1.527		44.2	50.0	88	80-120
m-Xylene & p-Xylene	Ave	1.426	1.354		47.5	50.0	95	80-120
o-Xylene	Ave	1.400	1.321		47.2	50.0	94	72-128
Styrene	Ave	2.139	2.120		49.6	50.0	99	84-124
Bromoform	Ave	0.3661	0.3857	0.1000	52.7	50.0	105	68-132
Isopropylbenzene	Ave	3.465	3.288		47.5	50.0	95	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6662	0.3000	49.2	50.0	98	68-132
Bromobenzene	Ave	0.7753	0.7667		49.4	50.0	99	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1541		46.9	50.0	94	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.1954		48.0	50.0	96	76-128
N-Propylbenzene	Ave	4.041	3.776		46.7	50.0	93	76-132
2-Chlorotoluene	Ave	2.784	2.624		47.1	50.0	94	80-124
1,3,5-Trimethylbenzene	Ave	2.816	2.679		47.6	50.0	95	80-128
4-Chlorotoluene	Ave	2.382	2.272		47.7	50.0	95	80-124
tert-Butylbenzene	Ave	2.495	2.499		50.1	50.0	100	76-132
1,2,4-Trimethylbenzene	Ave	2.820	2.704		47.9	50.0	96	80-128
sec-Butylbenzene	Ave	3.342	3.220		48.2	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.552	1.473		47.4	50.0	95	80-124
4-Isopropyltoluene	Ave	3.052	2.964		48.6	50.0	97	80-128
1,4-Dichlorobenzene	Ave	1.548	1.447		46.7	50.0	93	76-120
n-Butylbenzene	Ave	2.865	2.707		47.2	50.0	94	76-132
1,2-Dichlorobenzene	Ave	1.463	1.376		47.0	50.0	94	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1225		47.5	50.0	95	64-128
1,2,4-Trichlorobenzene	Ave	1.074	0.9815		45.7	50.0	91	76-128
Hexachlorobutadiene	Ave	0.6020	0.5869		48.8	50.0	98	76-132
Naphthalene	Ave	2.361	2.223		47.1	50.0	94	68-136
1,2,3-Trichlorobenzene	Ave	0.997	0.9239		46.3	50.0	93	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2324		38.5	40.0	96	80-120
Toluene-d8 (Surr)	Ave	1.415	1.324		37.4	40.0	94	80-120
4-Bromofluorobenzene (Surr)	Lin2		0.9110		41.3	40.0	103	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288643/2 Calibration Date: 11/15/2022 10:49

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11152202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1965		57.0	50.0	114	28-150
Dichlorodifluoromethane	Ave	0.2803	0.2982		53.2	50.0	106	60-140
Chloromethane	Ave	0.3120	0.3137	0.1000	50.3	50.0	101	48-144
Vinyl chloride	Ave	0.2488	0.2471		49.7	50.0	99	80-120
Butadiene	Ave	0.2496	0.2632		52.7	50.0	105	50-141
Bromomethane	Qua		0.1372		54.4	50.0	109	40-144
Chloroethane	Ave	0.1575	0.1585		50.3	50.0	101	60-132
Trichlorofluoromethane	Ave	0.3652	0.3765		51.6	50.0	103	68-136
Ethanol	Lin1		0.1257		909	1000	91	36-150
1,1-Dichloroethene	Ave	0.2581	0.2838		55.0	50.0	110	80-120
Freon 113	Ave	0.2296	0.2360		51.4	50.0	103	76-124
Acetone	Ave	0.1217	0.1153		47.3	50.0	95	12-150
Iodomethane	Ave	0.4055	0.4458		55.0	50.0	110	40-150
Carbon disulfide	Ave	0.8316	0.9205		55.3	50.0	111	64-136
Methylene Chloride	Lin2		0.3091		54.9	50.0	110	68-128
2-Methyl-2-propanol	Lin2		1.260		229	250	92	70-134
trans-1,2-Dichloroethene	Ave	0.3168	0.3507		55.3	50.0	111	76-120
Methyl tert-butyl ether	Ave	0.6515	0.6775		52.0	50.0	104	64-140
Hexane	Ave	0.4904	0.5132		52.3	50.0	105	56-150
1,1-Dichloroethane	Ave	0.5604	0.5883	0.1000	52.5	50.0	105	72-124
Vinyl acetate	Ave	0.0453	0.0496		54.7	50.0	109	48-150
Isopropyl ether	Ave	0.8461	0.8807		52.0	50.0	104	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.7833		51.0	50.0	102	72-140
2,2-Dichloropropane	Ave	0.3979	0.4272		53.7	50.0	107	64-140
2-Butanone (MEK)	Ave	0.0327	0.0321		49.1	50.0	98	44-150
cis-1,2-Dichloroethene	Ave	0.5178	0.5555		53.6	50.0	107	72-128
Chlorobromomethane	Ave	0.1445	0.1505		52.1	50.0	104	72-132
Tetrahydrofuran	Lin1		0.0473		53.4	50.0	107	64-139
Chloroform	Ave	0.5175	0.5385		52.0	50.0	104	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.4227		52.9	50.0	106	72-132
Carbon tetrachloride	Ave	0.5050	0.5433		53.8	50.0	108	72-136
1,1-Dichloropropene	Ave	0.6087	0.6477		53.2	50.0	106	76-128
Benzene	Ave	1.802	1.871		51.9	50.0	104	76-120
1,2-Dichloroethane	Ave	0.4832	0.4870		50.4	50.0	101	68-136
Tert-amyl methyl ether	Ave	1.078	1.104		51.2	50.0	102	68-140
Trichloroethene	Ave	0.4574	0.4810		52.6	50.0	105	80-120
1,2-Dichloropropane	Ave	0.4104	0.4262		51.9	50.0	104	80-120
Dibromomethane	Ave	0.2131	0.2200		51.6	50.0	103	72-132
Dichlorobromomethane	Ave	0.5264	0.5429		51.6	50.0	103	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.1634		54.5	50.0	109	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.6344		50.7	50.0	101	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288643/2 Calibration Date: 11/15/2022 10:49

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11152202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.3100		48.7	50.0	97	60-144
Toluene	Ave	1.004	1.057		52.6	50.0	105	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.5013		50.2	50.0	100	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.2818		50.5	50.0	101	72-132
Tetrachloroethene	Ave	0.3543	0.3725		52.6	50.0	105	76-128
1,3-Dichloropropane	Ave	0.4874	0.4788		49.1	50.0	98	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.2003		49.3	50.0	99	52-150
Chlorodibromomethane	Ave	0.3191	0.3216		50.4	50.0	101	80-128
1,2-Dibromoethane	Ave	0.2714	0.2619		48.2	50.0	96	80-128
Chlorobenzene	Ave	0.9948	1.015	0.3000	51.0	50.0	102	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3500		52.4	50.0	105	76-124
Ethylbenzene	Ave	1.726	1.764		51.1	50.0	102	80-120
m-Xylene & p-Xylene	Ave	1.426	1.569		55.0	50.0	110	80-120
o-Xylene	Ave	1.400	1.544		55.1	50.0	110	72-128
Styrene	Ave	2.139	2.344		54.8	50.0	110	84-124
Bromoform	Ave	0.3661	0.3760	0.1000	51.4	50.0	103	68-132
Isopropylbenzene	Ave	3.465	3.875		55.9	50.0	112	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6919	0.3000	51.1	50.0	102	68-132
Bromobenzene	Ave	0.7753	0.8203		52.9	50.0	106	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1613		49.1	50.0	98	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.2025		49.7	50.0	99	76-128
N-Propylbenzene	Ave	4.041	4.351		53.8	50.0	108	76-132
2-Chlorotoluene	Ave	2.784	3.018		54.2	50.0	108	80-124
1,3,5-Trimethylbenzene	Ave	2.816	3.101		55.1	50.0	110	80-128
4-Chlorotoluene	Ave	2.382	2.500		52.5	50.0	105	80-124
tert-Butylbenzene	Ave	2.495	2.869		57.5	50.0	115	76-132
1,2,4-Trimethylbenzene	Ave	2.820	3.102		55.0	50.0	110	80-128
sec-Butylbenzene	Ave	3.342	3.711		55.5	50.0	111	80-128
1,3-Dichlorobenzene	Ave	1.552	1.592		51.3	50.0	103	80-124
4-Isopropyltoluene	Ave	3.052	3.421		56.0	50.0	112	80-128
1,4-Dichlorobenzene	Ave	1.548	1.545		49.9	50.0	100	76-120
n-Butylbenzene	Ave	2.865	3.110		54.3	50.0	109	76-132
1,2-Dichlorobenzene	Ave	1.463	1.479		50.5	50.0	101	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1214		47.1	50.0	94	64-128
1,2,4-Trichlorobenzene	Ave	1.074	1.069		49.8	50.0	100	76-128
Hexachlorobutadiene	Ave	0.6020	0.6345		52.7	50.0	105	76-132
Naphthalene	Ave	2.361	2.273		48.1	50.0	96	68-136
1,2,3-Trichlorobenzene	Ave	0.997	0.9827		49.3	50.0	99	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2473		41.0	40.0	102	80-120
Toluene-d8 (Surr)	Ave	1.415	1.425		40.3	40.0	101	80-120
4-Bromofluorobenzene (Surr)	Lin2		0.9433		42.8	40.0	107	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288833/2 Calibration Date: 11/17/2022 06:53

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1852		53.7	50.0	107	28-150
Dichlorodifluoromethane	Ave	0.2803	0.2582		46.1	50.0	92	60-140
Chloromethane	Ave	0.3120	0.2596	0.1000	41.6	50.0	83	48-144
Vinyl chloride	Ave	0.2488	0.2682		53.9	50.0	108	80-120
Butadiene	Ave	0.2496	0.2612		52.3	50.0	105	50-141
Bromomethane	Qua		0.1476		61.0	50.0	122	40-144
Chloroethane	Ave	0.1575	0.1428		45.3	50.0	91	60-132
Trichlorofluoromethane	Ave	0.3652	0.3813		52.2	50.0	104	68-136
Ethanol	Lin1		0.1261		912	1000	91	36-150
1,1-Dichloroethene	Ave	0.2581	0.2507		48.6	50.0	97	80-120
Freon 113	Ave	0.2296	0.2260		49.2	50.0	98	76-124
Acetone	Ave	0.1217	0.1661		68.2	50.0	136	12-150
Iodomethane	Ave	0.4055	0.4321		53.3	50.0	107	40-150
Carbon disulfide	Ave	0.8316	0.8134		48.9	50.0	98	64-136
Methylene Chloride	Lin2		0.2758		48.9	50.0	98	68-128
2-Methyl-2-propanol	Lin2		1.214		221	250	88	70-134
trans-1,2-Dichloroethene	Ave	0.3168	0.3017		47.6	50.0	95	76-120
Methyl tert-butyl ether	Ave	0.6515	0.6286		48.2	50.0	96	64-140
Hexane	Ave	0.4904	0.4383		44.7	50.0	89	56-150
1,1-Dichloroethane	Ave	0.5604	0.5172	0.1000	46.1	50.0	92	72-124
Vinyl acetate	Ave	0.0453	0.0383		42.2	50.0	84	48-150
Isopropyl ether	Ave	0.8461	0.7722		45.6	50.0	91	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.7258		47.3	50.0	95	72-140
2-Butanone (MEK)	Ave	0.0327	0.0312		47.6	50.0	95	44-150
2,2-Dichloropropane	Ave	0.3979	0.3748		47.1	50.0	94	64-140
cis-1,2-Dichloroethene	Ave	0.5178	0.4744		45.8	50.0	92	72-128
Chlorobromomethane	Ave	0.1445	0.1391		48.1	50.0	96	72-132
Tetrahydrofuran	Lin1		0.0424		47.8	50.0	96	64-139
Chloroform	Ave	0.5175	0.4968		48.0	50.0	96	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.3980		49.8	50.0	100	72-132
Carbon tetrachloride	Ave	0.5050	0.4810		47.6	50.0	95	72-136
1,1-Dichloropropene	Ave	0.6087	0.5591		45.9	50.0	92	76-128
Benzene	Ave	1.802	1.655		45.9	50.0	92	76-120
1,2-Dichloroethane	Ave	0.4832	0.4515		46.7	50.0	93	68-136
Tert-amyl methyl ether	Ave	1.078	1.001		46.5	50.0	93	68-140
Trichloroethene	Ave	0.4574	0.4322		47.2	50.0	94	80-120
1,2-Dichloropropane	Ave	0.4104	0.3902		47.5	50.0	95	80-120
Dibromomethane	Ave	0.2131	0.2024		47.5	50.0	95	72-132
Dichlorobromomethane	Ave	0.5264	0.4944		47.0	50.0	94	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.1983		66.1	50.0	132	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.6023		48.1	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288833/2 Calibration Date: 11/17/2022 06:53

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.3000		47.2	50.0	94	60-144
Toluene	Ave	1.004	0.9720		48.4	50.0	97	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.4844		48.5	50.0	97	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.2714		48.6	50.0	97	72-132
Tetrachloroethene	Ave	0.3543	0.3442		48.6	50.0	97	76-128
1,3-Dichloropropane	Ave	0.4874	0.4733		48.6	50.0	97	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.1887		46.5	50.0	93	52-150
Chlorodibromomethane	Ave	0.3191	0.3075		48.2	50.0	96	80-128
1,2-Dibromoethane	Ave	0.2714	0.2594		47.8	50.0	96	80-128
Chlorobenzene	Ave	0.9948	0.9583	0.3000	48.2	50.0	96	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3292		49.3	50.0	99	76-124
Ethylbenzene	Ave	1.726	1.623		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.426	1.441		50.6	50.0	101	80-120
o-Xylene	Ave	1.400	1.412		50.4	50.0	101	72-128
Styrene	Ave	2.139	2.206		51.5	50.0	103	84-124
Bromoform	Ave	0.3661	0.3696	0.1000	50.5	50.0	101	68-132
Isopropylbenzene	Ave	3.465	3.508		50.6	50.0	101	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6277	0.3000	46.4	50.0	93	68-132
Bromobenzene	Ave	0.7753	0.7971		51.4	50.0	103	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1395		42.5	50.0	85	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.1923		47.2	50.0	94	76-128
N-Propylbenzene	Ave	4.041	3.907		48.3	50.0	97	76-132
2-Chlorotoluene	Ave	2.784	2.709		48.6	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.816	2.887		51.3	50.0	103	80-128
4-Chlorotoluene	Ave	2.382	2.300		48.3	50.0	97	80-124
tert-Butylbenzene	Ave	2.495	2.655		53.2	50.0	106	76-132
1,2,4-Trimethylbenzene	Ave	2.820	2.800		49.6	50.0	99	80-128
sec-Butylbenzene	Ave	3.342	3.398		50.8	50.0	102	80-128
1,3-Dichlorobenzene	Ave	1.552	1.489		48.0	50.0	96	80-124
4-Isopropyltoluene	Ave	3.052	3.097		50.7	50.0	101	80-128
1,4-Dichlorobenzene	Ave	1.548	1.466		47.3	50.0	95	76-120
n-Butylbenzene	Ave	2.865	2.719		47.4	50.0	95	76-132
1,2-Dichlorobenzene	Ave	1.463	1.422		48.6	50.0	97	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1179		45.7	50.0	91	64-128
1,2,4-Trichlorobenzene	Ave	1.074	1.024		47.7	50.0	95	76-128
Hexachlorobutadiene	Ave	0.6020	0.6274		52.1	50.0	104	76-132
Naphthalene	Ave	2.361	2.287		48.4	50.0	97	68-136
1,2,3-Trichlorobenzene	Ave	0.997	0.9771		49.0	50.0	98	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2426		40.2	40.0	101	80-120
Toluene-d8 (Surr)	Ave	1.415	1.382		39.0	40.0	98	80-120
4-Bromofluorobenzene (Surr)	Lin2		0.9512		43.2	40.0	108	80-120

Preliminary Report

Eurofins Environment Testing America
Qc Batch Report

Data Path: \\chromfs\Phoenix\ChromData\GCMS25\20221116-48209.b

Worklist Name:	11/16/22 8260 2nd	Worklist Num:	48209
Instrument:	GCMS25	Method:	8260_17soilmode
Analysis Type:	VOA	Creator:	Johnson, Derek S
Inj Volume:	10	Inj Vol Units:	mL

QC Batching: Disabled Limit Group Batching: Enabled

QC Batch: 1	MSV 624.1 PREC ICAL Raw Batch: 288832	MSV 8260B ICAL Raw Batch: 288833	MSV 8260AZ AIR ICAL Raw Batch: 288834	MSV 8260B %D ICAL Raw Batch: 288835
# 1 BFB	# 1 BFB	# 1 BFB	# 1 BFB	
# 27 BFB	# 27 BFB	# 27 BFB	# 27 BFB	
# 2 CCVIS	# 2 CCVIS	# 2 CCVIS	# 2 CCVIS	
# 3 LCS	# 3 LCS	# 3 LCS	# 3 LCS	
# 4 LCSD	# 4 LCSD	# 4 LCSD	# 4 LCSD	
# 5 RB	# 5 RB	# 5 RB	# 5 RB	# 5 RB
# 6 MB	# 6 MB	# 6 MB	# 6 MB	# 6 MB
# 28 550-193293-A-1		# 28 550-193293-A-1		# 28 550-193293-A-1
# 29 550-193293-C-8 MS		# 29 550-193293-C-8 MS		# 29 550-193293-C-8 MS
# 30 550-193293-C-8 MSD		# 30 550-193293-C-8 MSD		# 30 550-193293-C-8 MSD
# 31 550-193293-C-8		# 31 550-193293-C-8		# 31 550-193293-C-8
# 32 550-193293-A-6		# 32 550-193293-A-6		# 32 550-193293-A-6
# 34 LB 550-288743/1-A		# 34 LB 550-288743/1-A		
# 35 550-193146-A-10-E MS		# 35 550-193146-A-10-E MS		
# 36 550-193146-A-10-E MSD		# 36 550-193146-A-10-E MSD		
# 37 550-193146-A-10-E		# 37 550-193146-A-10-E		
# 38 550-193096-A-1-E		# 38 550-193096-A-1-E		
# 39 550-193183-A-1-D		# 39 550-193183-A-1-D		
# 40 550-193185-A-1-D		# 40 550-193185-A-1-D		
# 41 550-193097-A-1-E		# 41 550-193097-A-1-E		
# 42 550-193099-A-1-F		# 42 550-193099-A-1-F		
# 43 550-193186-A-1-E		# 43 550-193186-A-1-E		
# 44 550-193336-A-6-A		# 44 550-193336-A-6-A		
# 45 550-193336-A-6-A		# 45 550-193336-A-6-A		
# 46 550-193458-A-2-A		# 46 550-193458-A-2-A		
# 47 550-193756-A-1-A		# 47 550-193756-A-1-A		
# 48 550-192574-A-1-F		# 48 550-192574-A-1-F		

prep/load by DSJ

Eurofins Environment Testing America
Worklist Report

Worklist Name: 11/16/22 8260 2nd
Worklist Number: 48209
Instrument Name: GCMS25
Chrom Method: 8260_17soilmode
Purge Volume: 10.00
Units: mL
Analysis Type: VOA
Batch Directory: \\chromfs\Phoenix\ChromData\GCMS25\20221116-48209.b
Upload Directory: \\CORPTALSAPP18\550-PHX-RawData\Organics\MS\GCMS25

Run Reagent: MV_IS/SRE_00165
Amount Added: 5.000, Units: uL

Smp #	Lims ID	Smp Type	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB	1.000	voaWate	2.00	uL	MV_BFB 25ppm_00149	NA	
27	#27 BFB	BFB	1.000	voaWate	2.00	uL	MV_BFB 25ppm_00149		
2	# 2 CCVIS	CCVIS	1.000	voaWate	10.0	mL	MV_EtOH/TBA2_00221 MV_50ppmPS_00895 MV_ISRE_00322		
3	# 3 LCS	LCS	1.000	voaWate	10.00	mL	MV_EtOH/TBA2_00221 MV_50ppmPS_00895 MV_ISRE_00322		
4	# 4 LCSD	LCSD	1.000	voaWate	10.00	mL	MV_EtOH/TBA2_00221 MV_50ppmPS_00895 MV_ISRE_0032		
5	# 5 RB	RB	1.000	voaWate	10.00	mL			
6	# 6 MB	MB	1.000	voaWate	10.0	mL		2	
28	#28 550-193293-A-1	Clien	1.000	voaWate	10.0	mL			
29	#29 550-193293-C-8 MS	MS	1.000	voaWate	10.0	mL	MV_ISRE_00322 MV_50ppmPS_00895 MV_EtOH/TBA2_00221	2	
30	#30 550-193293-C-8 MSD	MSD	1.000	voaWate	10.00	mL	MV_EtOH/TBA2_00221 MV_50ppmPS_00895 MV_ISRE_00322	2	
31	#31 550-193293-C-8	Clien	1.000	voaWate	10.0	mL		2	
32	#32 550-193293-A-6	Clien	1.000	voaWate	10.00	mL		2	
34	#34 LB 550-288743/1-A	LB	1.000	voaWate	0.10	mL		NA	[288743]
35	#35 550-193146-A-10-E MS	MS	1.000	voaWate	0.100	mL	MV_ISRE_00322 MV_50ppmPS_00895 MV_EtOH/TBA2_00221		
36	#36 550-193146-A-10-E MSD	MSD	1.000	voaWate	0.100	mL	MV_EtOH/TBA2_00221 MV_50ppmPS_00895 MV_ISRE_00322		
37	#37 550-193146-A-10-E	Clien	1.000	voaWate	0.10	mL			
38	#38 550-193096-A-1-E	Clien	1.000	voaWate	0.10	mL			
39	#39 550-193183-A-1-D	Clien	1.000	voaWate	0.100	mL			
40	#40 550-193185-A-1-D	Clien	1.000	voaWate	0.10	mL			
41	#41 550-193097-A-1-E	Clien	1.000	voaWate	0.10	mL			
42	#42 550-193099-A-1-F	Client	1.000	voaWate	0.10	mL			
43	#43 550-193186-A-1-E	Clien	1.000	voaWate	0.10	mL			
44	#44 550-193336-A-6-A	Clien	2000.0	voaSoilML	0.20	mL	MV_ISRE_00322		[28][26] 200x
45	#45 550-193336-A-6-A	Clien	200.0	voaSoilML	0.200	mL	MV_ISRE_0032		200x dil
46	#46 550-193458-A-2-A	Clien	2.000	voaSoilML	0.200	mL	MV_ISRE_00322		[288147]
47	#47 550-193756-A-1-A	Clien	1.000	voaSoilML	0.200	mL	MV_ISRE_0032		[288194]
48	#48 550-192574-A-1-F	Clien	1.000	voaSoilML	0.200	mL	MV_ISRE_00322		

pkg/load by OSJ.

bad matrix

bad matrix

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288949/3 Calibration Date: 11/18/2022 10:06

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162294.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1903		55.2	50.0	110	28-150
Dichlorodifluoromethane	Ave	0.2803	0.2976		53.1	50.0	106	60-140
Chloromethane	Ave	0.3120	0.2785	0.1000	44.6	50.0	89	48-144
Vinyl chloride	Ave	0.2488	0.2974		59.8	50.0	120	80-120
Butadiene	Ave	0.2496	0.2859		57.3	50.0	115	50-141
Bromomethane	Qua		0.1715		82.1	50.0	164*	40-144
Chloroethane	Ave	0.1575	0.1739		55.2	50.0	110	60-132
Trichlorofluoromethane	Ave	0.3652	0.4515		61.8	50.0	124	68-136
Ethanol	Lin1		0.1841		1330	1000	133	36-150
1,1-Dichloroethene	Ave	0.2581	0.3047		59.0	50.0	118	80-120
Acetone	Ave	0.1217	0.1464		60.1	50.0	120	12-150
Freon 113	Ave	0.2296	0.2704		58.9	50.0	118	76-124
Iodomethane	Ave	0.4055	0.5263		64.9	50.0	130	40-150
Carbon disulfide	Ave	0.8316	0.9782		58.8	50.0	118	64-136
Methylene Chloride	Lin2		0.3333		59.2	50.0	118	68-128
2-Methyl-2-propanol	Lin2		1.346		245	250	98	70-134
trans-1,2-Dichloroethene	Ave	0.3168	0.3665		57.8	50.0	116	76-120
Methyl tert-butyl ether	Ave	0.6515	0.7839		60.2	50.0	120	64-140
Hexane	Ave	0.4904	0.5214		53.2	50.0	106	56-150
1,1-Dichloroethane	Ave	0.5604	0.6199	0.1000	55.3	50.0	111	72-124
Vinyl acetate	Ave	0.0453	0.0387		42.7	50.0	85	48-150
Isopropyl ether	Ave	0.8461	0.9136		54.0	50.0	108	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.8698		56.6	50.0	113	72-140
2-Butanone (MEK)	Ave	0.0327	0.0403		61.5	50.0	123	44-150
2,2-Dichloropropane	Ave	0.3979	0.4430		55.7	50.0	111	64-140
cis-1,2-Dichloroethene	Ave	0.5178	0.5363		51.8	50.0	104	72-128
Chlorobromomethane	Ave	0.1445	0.1743		60.3	50.0	121	72-132
Tetrahydrofuran	Lin1		0.0490		55.4	50.0	111	64-139
Chloroform	Ave	0.5175	0.5983		57.8	50.0	116	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.4953		62.0	50.0	124	72-132
Carbon tetrachloride	Ave	0.5050	0.5702		56.5	50.0	113	72-136
1,1-Dichloropropene	Ave	0.6087	0.6268		51.5	50.0	103	76-128
Benzene	Ave	1.802	1.822		50.6	50.0	101	76-120
1,2-Dichloroethane	Ave	0.4832	0.5269		54.5	50.0	109	68-136
Tert-amyl methyl ether	Ave	1.078	1.130		52.4	50.0	105	68-140
Trichloroethene	Ave	0.4574	0.5048		55.2	50.0	110	80-120
1,2-Dichloropropane	Ave	0.4104	0.4160		50.7	50.0	101	80-120
Dibromomethane	Ave	0.2131	0.2363		55.4	50.0	111	72-132
Dichlorobromomethane	Ave	0.5264	0.5671		53.9	50.0	108	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.2203		73.5	50.0	147	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.6675		53.3	50.0	107	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Lab Sample ID: CCVIS 550-288949/3 Calibration Date: 11/18/2022 10:06

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162294.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.3454		54.3	50.0	109	60-144
Toluene	Ave	1.004	1.097		54.6	50.0	109	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.5450		54.6	50.0	109	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.3182		57.0	50.0	114	72-132
Tetrachloroethene	Ave	0.3543	0.4185		59.1	50.0	118	76-128
1,3-Dichloropropane	Ave	0.4874	0.5336		54.7	50.0	109	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.2275		56.0	50.0	112	52-150
Chlorodibromomethane	Ave	0.3191	0.3703		58.0	50.0	116	80-128
1,2-Dibromoethane	Ave	0.2714	0.3115		57.4	50.0	115	80-128
Chlorobenzene	Ave	0.9948	1.111	0.3000	55.9	50.0	112	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3937		58.9	50.0	118	76-124
Ethylbenzene	Ave	1.726	1.860		53.9	50.0	108	80-120
m-Xylene & p-Xylene	Ave	1.426	1.595		55.9	50.0	112	80-120
o-Xylene	Ave	1.400	1.565		55.9	50.0	112	72-128
Styrene	Ave	2.139	2.464		57.6	50.0	115	84-124
Bromoform	Ave	0.3661	0.4508	0.1000	61.6	50.0	123	68-132
Isopropylbenzene	Ave	3.465	3.917		56.5	50.0	113	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6863	0.3000	50.7	50.0	101	68-132
Bromobenzene	Ave	0.7753	0.9286		59.9	50.0	120	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1607		48.9	50.0	98	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.2275		55.9	50.0	112	76-128
N-Propylbenzene	Ave	4.041	4.311		53.3	50.0	107	76-132
2-Chlorotoluene	Ave	2.784	3.007		54.0	50.0	108	80-124
1,3,5-Trimethylbenzene	Ave	2.816	3.173		56.3	50.0	113	80-128
4-Chlorotoluene	Ave	2.382	2.589		54.3	50.0	109	80-124
tert-Butylbenzene	Ave	2.495	2.964		59.4	50.0	119	76-132
1,2,4-Trimethylbenzene	Ave	2.820	3.126		55.4	50.0	111	80-128
sec-Butylbenzene	Ave	3.342	3.752		56.1	50.0	112	80-128
1,3-Dichlorobenzene	Ave	1.552	1.730		55.7	50.0	111	80-124
4-Isopropyltoluene	Ave	3.052	3.447		56.5	50.0	113	80-128
1,4-Dichlorobenzene	Ave	1.548	1.689		54.6	50.0	109	76-120
n-Butylbenzene	Ave	2.865	2.973		51.9	50.0	104	76-132
1,2-Dichlorobenzene	Ave	1.463	1.631		55.8	50.0	112	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1364		52.9	50.0	106	64-128
1,2,4-Trichlorobenzene	Ave	1.074	1.145		53.3	50.0	107	76-128
Hexachlorobutadiene	Ave	0.6020	0.6916		57.4	50.0	115	76-132
Naphthalene	Ave	2.361	2.539		53.8	50.0	108	68-136
1,2,3-Trichlorobenzene	Ave	0.997	1.084		54.4	50.0	109	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2921		48.4	40.0	121*	80-120
Toluene-d8 (Surr)	Ave	1.415	1.550		43.8	40.0	109	80-120
4-Bromofluorobenzene (Surr)	Lin2		1.040		47.2	40.0	118	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.52	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288554/6

Matrix: Water Lab File ID: 11142206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288639/6

Matrix: Water | Lab File ID: 11152206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 10:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288639/6

Matrix: Water | Lab File ID: 11152206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 10:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288639/6

Matrix: Water Lab File ID: 11152206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288643/6

Matrix: Water | Lab File ID: 11152206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288643/6

Matrix: Water | Lab File ID: 11152206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288643/6

Matrix: Water Lab File ID: 11152206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288643 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288760/6

Matrix: Water | Lab File ID: 11162209.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288760/6

Matrix: Water | Lab File ID: 11162209.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288760/6

Matrix: Water Lab File ID: 11162209.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/16/2022 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288760 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288833/6

Matrix: Water | Lab File ID: 11162238.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 08:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	32.0		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288833/6

Matrix: Water | Lab File ID: 11162238.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 08:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288833/6

Matrix: Water Lab File ID: 11162238.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/17/2022 08:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288949/7

Matrix: Water | Lab File ID: 11162298.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288949/7

Matrix: Water | Lab File ID: 11162298.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288949/7

Matrix: Water Lab File ID: 11162298.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288978/6

Matrix: Water | Lab File ID: 11182208.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288978/6

Matrix: Water | Lab File ID: 11182208.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.900	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288978/6

Matrix: Water Lab File ID: 11182208.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.4		2.0	0.49
107-06-2	1,2-Dichloroethane	44.2		2.0	0.53
78-87-5	1,2-Dichloropropane	46.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	45.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.0		10	1.2
67-64-1	Acetone	43.6		20	9.8
71-43-2	Benzene	46.2		2.0	0.52
108-86-1	Bromobenzene	42.4		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	56.7		10	5.2
75-15-0	Carbon disulfide	58.4		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	60.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.4		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	46.0		2.0	0.50
76-13-1	Freon 113	52.4		5.0	0.53
87-68-3	Hexachlorobutadiene	45.8		5.0	1.4
74-88-4	Iodomethane	55.9		2.0	0.53
98-82-8	Isopropylbenzene	46.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.5		5.0	2.2
104-51-8	n-Butylbenzene	48.3		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	47.0		2.0	0.51
135-98-8	sec-Butylbenzene	46.4		5.0	0.48
100-42-5	Styrene	44.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	45.9		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.1		2.0	0.65
79-01-6	Trichloroethene	46.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.3		5.0	0.63
108-05-4	Vinyl acetate	57.6		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288639/3

Matrix: Water | Lab File ID: 11152203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 09:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	53.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.0		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.3		2.0	0.54
75-34-3	1,1-Dichloroethane	53.1		2.0	0.49
75-35-4	1,1-Dichloroethene	54.9		5.0	0.54
563-58-6	1,1-Dichloropropene	54.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.9		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	46.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	48.3		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	52.2		5.0	3.8
106-93-4	1,2-Dibromoethane	46.4		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.1		2.0	0.49
107-06-2	1,2-Dichloroethane	45.3		2.0	0.53
78-87-5	1,2-Dichloropropane	48.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	45.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.4		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.8		2.0	0.51
594-20-7	2,2-Dichloropropane	57.0		2.0	0.57
78-93-3	2-Butanone (MEK)	60.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.9		10	3.3
106-43-4	4-Chlorotoluene	45.0		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	56.0		10	1.2
67-64-1	Acetone	63.3		20	9.8
71-43-2	Benzene	49.7		2.0	0.52
108-86-1	Bromobenzene	42.1		5.0	0.49
74-97-5	Chlorobromomethane	46.7		5.0	0.48
75-27-4	Dichlorobromomethane	46.6		2.0	0.50
75-25-2	Bromoform	37.4		5.0	0.64
74-83-9	Bromomethane	50.9		10	5.2
75-15-0	Carbon disulfide	62.5		5.0	1.8
56-23-5	Carbon tetrachloride	52.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288639/3

Matrix: Water Lab File ID: 11152203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 09:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.4		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	62.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	48.6		2.0	0.46
124-48-1	Chlorodibromomethane	44.9		2.0	0.47
74-95-3	Dibromomethane	45.1		2.0	0.55
75-71-8	Dichlorodifluoromethane	60.6		5.0	0.84
100-41-4	Ethylbenzene	49.4		2.0	0.50
76-13-1	Freon 113	59.9		5.0	0.53
87-68-3	Hexachlorobutadiene	51.9		5.0	1.4
74-88-4	Iodomethane	50.8		2.0	0.53
98-82-8	Isopropylbenzene	49.9		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	48.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.6		1.0	0.52
75-09-2	Methylene Chloride	48.3		5.0	4.4
91-20-3	Naphthalene	45.4		5.0	2.2
104-51-8	n-Butylbenzene	55.0		5.0	0.55
103-65-1	N-Propylbenzene	50.1		2.0	0.49
95-47-6	o-Xylene	46.2		5.0	0.47
99-87-6	4-Isopropyltoluene	52.3		2.0	0.51
135-98-8	sec-Butylbenzene	51.6		5.0	0.48
100-42-5	Styrene	44.6		2.0	0.49
98-06-6	tert-Butylbenzene	49.7		5.0	0.45
127-18-4	Tetrachloroethene	51.2		2.0	0.48
108-88-3	Toluene	49.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	53.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.6		2.0	0.65
79-01-6	Trichloroethene	50.1		2.0	0.54
75-69-4	Trichlorofluoromethane	57.3		5.0	0.63
108-05-4	Vinyl acetate	56.3		25	4.1
75-01-4	Vinyl chloride	62.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288639/3

Matrix: Water Lab File ID: 11152203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 09:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288643/3

Matrix: Water | Lab File ID: 11152203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 11:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	50.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	52.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	52.4		2.0	0.50
79-00-5	1,1,2-Trichloroethane	52.1		2.0	0.54
75-34-3	1,1-Dichloroethane	50.8		2.0	0.49
75-35-4	1,1-Dichloroethene	51.4		5.0	0.54
563-58-6	1,1-Dichloropropene	49.5		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	47.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	52.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	47.3		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.1		5.0	3.8
106-93-4	1,2-Dibromoethane	50.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	50.0		2.0	0.49
107-06-2	1,2-Dichloroethane	50.2		2.0	0.53
78-87-5	1,2-Dichloropropane	50.4		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	54.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.5		2.0	0.48
142-28-9	1,3-Dichloropropane	51.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	49.7		2.0	0.51
594-20-7	2,2-Dichloropropane	51.7		2.0	0.57
78-93-3	2-Butanone (MEK)	51.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	54.7		10	3.3
106-43-4	4-Chlorotoluene	51.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	54.4		10	1.2
67-64-1	Acetone	48.5		20	9.8
71-43-2	Benzene	48.1		2.0	0.52
108-86-1	Bromobenzene	53.6		5.0	0.49
74-97-5	Chlorobromomethane	51.2		5.0	0.48
75-27-4	Dichlorobromomethane	50.4		2.0	0.50
75-25-2	Bromoform	55.6		5.0	0.64
74-83-9	Bromomethane	48.1		10	5.2
75-15-0	Carbon disulfide	52.5		5.0	1.8
56-23-5	Carbon tetrachloride	51.1		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288643/3

Matrix: Water | Lab File ID: 11152203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 11:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	50.6		2.0	0.48
75-00-3	Chloroethane	48.4		5.0	0.62
67-66-3	Chloroform	50.0		2.0	0.48
74-87-3	Chloromethane	46.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	49.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	51.9		2.0	0.46
124-48-1	Chlorodibromomethane	51.7		2.0	0.47
74-95-3	Dibromomethane	51.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	48.7		5.0	0.84
100-41-4	Ethylbenzene	50.4		2.0	0.50
76-13-1	Freon 113	49.1		5.0	0.53
87-68-3	Hexachlorobutadiene	51.0		5.0	1.4
74-88-4	Iodomethane	51.8		2.0	0.53
98-82-8	Isopropylbenzene	53.2		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	53.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.5		1.0	0.52
75-09-2	Methylene Chloride	52.5		5.0	4.4
91-20-3	Naphthalene	49.2		5.0	2.2
104-51-8	n-Butylbenzene	51.4		5.0	0.55
103-65-1	N-Propylbenzene	51.9		2.0	0.49
95-47-6	o-Xylene	53.7		5.0	0.47
99-87-6	4-Isopropyltoluene	52.8		2.0	0.51
135-98-8	sec-Butylbenzene	52.8		5.0	0.48
100-42-5	Styrene	54.6		2.0	0.49
98-06-6	tert-Butylbenzene	55.0		5.0	0.45
127-18-4	Tetrachloroethene	51.5		2.0	0.48
108-88-3	Toluene	51.3		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	51.9		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	52.0		2.0	0.65
79-01-6	Trichloroethene	50.5		2.0	0.54
75-69-4	Trichlorofluoromethane	47.7		5.0	0.63
108-05-4	Vinyl acetate	52.9		25	4.1
75-01-4	Vinyl chloride	47.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288643/3

Matrix: Water Lab File ID: 11152203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 11:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288643 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene (Surr)	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288760/1002

Matrix: Water | Lab File ID: -11162206-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 10:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.4		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	43.4		2.0	0.54
75-34-3	1,1-Dichloroethane	51.5		2.0	0.49
75-35-4	1,1-Dichloroethene	51.6		5.0	0.54
563-58-6	1,1-Dichloropropene	49.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	45.3		5.0	3.3
96-18-4	1,2,3-Trichloropropane	41.3		10	3.5
120-82-1	1,2,4-Trichlorobenzene	47.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.4		5.0	3.8
106-93-4	1,2-Dibromoethane	44.7		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.5		2.0	0.49
107-06-2	1,2-Dichloroethane	43.4		2.0	0.53
78-87-5	1,2-Dichloropropane	46.4		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	48.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.0		2.0	0.48
142-28-9	1,3-Dichloropropane	44.2		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.7		2.0	0.51
594-20-7	2,2-Dichloropropane	55.2		2.0	0.57
78-93-3	2-Butanone (MEK)	51.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	44.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	50.4		10	1.2
67-64-1	Acetone	48.2		20	9.8
71-43-2	Benzene	46.5		2.0	0.52
108-86-1	Bromobenzene	42.5		5.0	0.49
74-97-5	Chlorobromomethane	47.6		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	52.4		10	5.2
75-15-0	Carbon disulfide	59.1		5.0	1.8
56-23-5	Carbon tetrachloride	48.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288760/1002

Matrix: Water | Lab File ID: -11162206-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 10:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.1		2.0	0.48
75-00-3	Chloroethane	56.6		5.0	0.62
67-66-3	Chloroform	48.9		2.0	0.48
74-87-3	Chloromethane	48.7		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	48.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.1		2.0	0.47
74-95-3	Dibromomethane	44.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	50.3		5.0	0.84
100-41-4	Ethylbenzene	47.0		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	52.7		5.0	1.4
74-88-4	Iodomethane	51.6		2.0	0.53
98-82-8	Isopropylbenzene	48.0		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	48.2		1.0	0.52
75-09-2	Methylene Chloride	48.5		5.0	4.4
91-20-3	Naphthalene	44.6		5.0	2.2
104-51-8	n-Butylbenzene	52.6		5.0	0.55
103-65-1	N-Propylbenzene	48.2		2.0	0.49
95-47-6	o-Xylene	45.7		5.0	0.47
99-87-6	4-Isopropyltoluene	49.6		2.0	0.51
135-98-8	sec-Butylbenzene	49.2		5.0	0.48
100-42-5	Styrene	45.1		2.0	0.49
98-06-6	tert-Butylbenzene	48.2		5.0	0.45
127-18-4	Tetrachloroethene	47.2		2.0	0.48
108-88-3	Toluene	46.8		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	51.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.4		2.0	0.65
79-01-6	Trichloroethene	47.2		2.0	0.54
75-69-4	Trichlorofluoromethane	54.5		5.0	0.63
108-05-4	Vinyl acetate	55.4		25	4.1
75-01-4	Vinyl chloride	62.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288760/1002

Matrix: Water Lab File ID: -11162206-LCS.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/16/2022 10:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288760 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288833/3

Matrix: Water | Lab File ID: 11162235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	52.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	52.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	49.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	50.5		2.0	0.54
75-34-3	1,1-Dichloroethane	49.2		2.0	0.49
75-35-4	1,1-Dichloroethene	51.8		5.0	0.54
563-58-6	1,1-Dichloropropene	46.9		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	52.1		5.0	3.3
96-18-4	1,2,3-Trichloropropane	49.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	49.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	51.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.4		5.0	3.8
106-93-4	1,2-Dibromoethane	49.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	50.4		2.0	0.49
107-06-2	1,2-Dichloroethane	47.7		2.0	0.53
78-87-5	1,2-Dichloropropane	48.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	53.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	49.2		2.0	0.48
142-28-9	1,3-Dichloropropane	49.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	48.3		2.0	0.51
594-20-7	2,2-Dichloropropane	49.4		2.0	0.57
78-93-3	2-Butanone (MEK)	51.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	48.5		10	3.3
106-43-4	4-Chlorotoluene	49.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.5		10	1.2
67-64-1	Acetone	71.0		20	9.8
71-43-2	Benzene	47.1		2.0	0.52
108-86-1	Bromobenzene	53.3		5.0	0.49
74-97-5	Chlorobromomethane	50.7		5.0	0.48
75-27-4	Dichlorobromomethane	48.2		2.0	0.50
75-25-2	Bromoform	53.7		5.0	0.64
74-83-9	Bromomethane	68.7		10	5.2
75-15-0	Carbon disulfide	54.3		5.0	1.8
56-23-5	Carbon tetrachloride	50.1		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288833/3

Matrix: Water | Lab File ID: 11162235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	49.1		2.0	0.48
75-00-3	Chloroethane	53.0		5.0	0.62
67-66-3	Chloroform	49.3		2.0	0.48
74-87-3	Chloromethane	44.6		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	46.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.3		2.0	0.46
124-48-1	Chlorodibromomethane	50.5		2.0	0.47
74-95-3	Dibromomethane	49.4		2.0	0.55
75-71-8	Dichlorodifluoromethane	47.5		5.0	0.84
100-41-4	Ethylbenzene	48.2		2.0	0.50
76-13-1	Freon 113	53.5		5.0	0.53
87-68-3	Hexachlorobutadiene	53.3		5.0	1.4
74-88-4	Iodomethane	55.1		2.0	0.53
98-82-8	Isopropylbenzene	52.9		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	52.3		5.0	0.97
1634-04-4	Methyl tert-butyl ether	52.8		1.0	0.52
75-09-2	Methylene Chloride	52.9		5.0	4.4
91-20-3	Naphthalene	53.0		5.0	2.2
104-51-8	n-Butylbenzene	49.0		5.0	0.55
103-65-1	N-Propylbenzene	49.9		2.0	0.49
95-47-6	o-Xylene	52.2		5.0	0.47
99-87-6	4-Isopropyltoluene	52.6		2.0	0.51
135-98-8	sec-Butylbenzene	53.2		5.0	0.48
100-42-5	Styrene	53.2		2.0	0.49
98-06-6	tert-Butylbenzene	55.8		5.0	0.45
127-18-4	Tetrachloroethene	50.1		2.0	0.48
108-88-3	Toluene	49.7		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.8		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	49.3		2.0	0.65
79-01-6	Trichloroethene	48.1		2.0	0.54
75-69-4	Trichlorofluoromethane	52.7		5.0	0.63
108-05-4	Vinyl acetate	48.3		25	4.1
75-01-4	Vinyl chloride	58.3		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288833/3

Matrix: Water Lab File ID: 11162235.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/17/2022 07:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288949/4

Matrix: Water | Lab File ID: 11162295.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	62.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	64.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	54.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	58.0		2.0	0.54
75-34-3	1,1-Dichloroethane	56.7		2.0	0.49
75-35-4	1,1-Dichloroethene	60.8		5.0	0.54
563-58-6	1,1-Dichloropropene	56.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	58.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	59.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	54.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	58.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	59.4		5.0	3.8
106-93-4	1,2-Dibromoethane	57.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	58.7		2.0	0.49
107-06-2	1,2-Dichloroethane	57.4		2.0	0.53
78-87-5	1,2-Dichloropropane	54.1		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	60.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	57.1		2.0	0.48
142-28-9	1,3-Dichloropropane	55.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	56.1		2.0	0.51
594-20-7	2,2-Dichloropropane	57.4		2.0	0.57
78-93-3	2-Butanone (MEK)	62.1		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	56.6		10	3.3
106-43-4	4-Chlorotoluene	54.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	57.5		10	1.2
67-64-1	Acetone	63.6		20	9.8
71-43-2	Benzene	54.5		2.0	0.52
108-86-1	Bromobenzene	62.6		5.0	0.49
74-97-5	Chlorobromomethane	61.8		5.0	0.48
75-27-4	Dichlorobromomethane	57.7		2.0	0.50
75-25-2	Bromoform	66.6		5.0	0.64
74-83-9	Bromomethane	77.4		10	5.2
75-15-0	Carbon disulfide	60.4		5.0	1.8
56-23-5	Carbon tetrachloride	63.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288949/4

Matrix: Water | Lab File ID: 11162295.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	57.1		2.0	0.48
75-00-3	Chloroethane	56.5		5.0	0.62
67-66-3	Chloroform	59.3		2.0	0.48
74-87-3	Chloromethane	44.8		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	57.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	54.8		2.0	0.46
124-48-1	Chlorodibromomethane	60.9		2.0	0.47
74-95-3	Dibromomethane	59.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.0		5.0	0.84
100-41-4	Ethylbenzene	55.6		2.0	0.50
76-13-1	Freon 113	58.5		5.0	0.53
87-68-3	Hexachlorobutadiene	60.8		5.0	1.4
74-88-4	Iodomethane	65.5		2.0	0.53
98-82-8	Isopropylbenzene	61.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	60.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	62.0		1.0	0.52
75-09-2	Methylene Chloride	59.9		5.0	4.4
91-20-3	Naphthalene	59.5		5.0	2.2
104-51-8	n-Butylbenzene	53.5		5.0	0.55
103-65-1	N-Propylbenzene	56.2		2.0	0.49
95-47-6	o-Xylene	60.5		5.0	0.47
99-87-6	4-Isopropyltoluene	59.6		2.0	0.51
135-98-8	sec-Butylbenzene	60.1		5.0	0.48
100-42-5	Styrene	60.1		2.0	0.49
98-06-6	tert-Butylbenzene	63.9		5.0	0.45
127-18-4	Tetrachloroethene	61.6		2.0	0.48
108-88-3	Toluene	57.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	60.7		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	56.0		2.0	0.65
79-01-6	Trichloroethene	60.4		2.0	0.54
75-69-4	Trichlorofluoromethane	61.8		5.0	0.63
108-05-4	Vinyl acetate	37.5		25	4.1
75-01-4	Vinyl chloride	58.7		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288949/4

Matrix: Water Lab File ID: 11162295.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene (Surr)	120		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288978/1002

Matrix: Water | Lab File ID: -11182203-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	51.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	57.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	47.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	50.8		2.0	0.54
75-34-3	1,1-Dichloroethane	60.8		2.0	0.49
75-35-4	1,1-Dichloroethene	57.6		5.0	0.54
563-58-6	1,1-Dichloropropene	52.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	50.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.6		10	3.5
120-82-1	1,2,4-Trichlorobenzene	53.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.9		5.0	3.8
106-93-4	1,2-Dibromoethane	51.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	49.2		2.0	0.49
107-06-2	1,2-Dichloroethane	49.9		2.0	0.53
78-87-5	1,2-Dichloropropane	53.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	50.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.5		2.0	0.48
142-28-9	1,3-Dichloropropane	51.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	50.0		2.0	0.51
594-20-7	2,2-Dichloropropane	62.9		2.0	0.57
78-93-3	2-Butanone (MEK)	60.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	57.7		10	3.3
106-43-4	4-Chlorotoluene	50.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	54.9		10	1.2
67-64-1	Acetone	57.1		20	9.8
71-43-2	Benzene	52.8		2.0	0.52
108-86-1	Bromobenzene	48.3		5.0	0.49
74-97-5	Chlorobromomethane	57.8		5.0	0.48
75-27-4	Dichlorobromomethane	51.5		2.0	0.50
75-25-2	Bromoform	38.2		5.0	0.64
74-83-9	Bromomethane	56.1		10	5.2
75-15-0	Carbon disulfide	65.1		5.0	1.8
56-23-5	Carbon tetrachloride	51.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288978/1002

Matrix: Water | Lab File ID: -11182203-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	51.9		2.0	0.48
75-00-3	Chloroethane	67.7		5.0	0.62
67-66-3	Chloroform	58.5		2.0	0.48
74-87-3	Chloromethane	55.5		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	52.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	52.8		2.0	0.46
124-48-1	Chlorodibromomethane	49.5		2.0	0.47
74-95-3	Dibromomethane	50.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	51.2		5.0	0.84
100-41-4	Ethylbenzene	53.4		2.0	0.50
76-13-1	Freon 113	58.7		5.0	0.53
87-68-3	Hexachlorobutadiene	55.8		5.0	1.4
74-88-4	Iodomethane	58.4		2.0	0.53
98-82-8	Isopropylbenzene	50.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	58.9		1.0	0.52
75-09-2	Methylene Chloride	58.9		5.0	4.4
91-20-3	Naphthalene	48.2		5.0	2.2
104-51-8	n-Butylbenzene	55.4		5.0	0.55
103-65-1	N-Propylbenzene	50.9		2.0	0.49
95-47-6	o-Xylene	50.1		5.0	0.47
99-87-6	4-Isopropyltoluene	53.9		2.0	0.51
135-98-8	sec-Butylbenzene	52.1		5.0	0.48
100-42-5	Styrene	49.8		2.0	0.49
98-06-6	tert-Butylbenzene	52.2		5.0	0.45
127-18-4	Tetrachloroethene	52.1		2.0	0.48
108-88-3	Toluene	52.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	59.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	53.2		2.0	0.65
79-01-6	Trichloroethene	52.0		2.0	0.54
75-69-4	Trichlorofluoromethane	59.4		5.0	0.63
108-05-4	Vinyl acetate	65.7		25	4.1
75-01-4	Vinyl chloride	70.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288978/1002

Matrix: Water Lab File ID: -11182203-LCS.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.9		2.0	0.54
75-34-3	1,1-Dichloroethane	51.3		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	40.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.9		2.0	0.49
107-06-2	1,2-Dichloroethane	44.8		2.0	0.53
78-87-5	1,2-Dichloropropane	46.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	53.9		2.0	0.57
78-93-3	2-Butanone (MEK)	59.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.1		10	3.3
106-43-4	4-Chlorotoluene	45.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.9		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.0		5.0	0.49
74-97-5	Chlorobromomethane	48.7		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	56.3		10	5.2
75-15-0	Carbon disulfide	58.6		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.7		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	49.0		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	43.8		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.6		5.0	2.2
104-51-8	n-Butylbenzene	48.5		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	44.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.4		2.0	0.51
135-98-8	sec-Butylbenzene	46.1		5.0	0.48
100-42-5	Styrene	44.2		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	46.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.0		2.0	0.65
79-01-6	Trichloroethene	45.9		2.0	0.54
75-69-4	Trichlorofluoromethane	51.0		5.0	0.63
108-05-4	Vinyl acetate	57.8		25	4.1
75-01-4	Vinyl chloride	57.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288554/4

Matrix: Water Lab File ID: 11142204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288639/4

Matrix: Water | Lab File ID: 11152204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 09:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	46.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	52.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.0		2.0	0.50
79-00-5	1,1,2-Trichloroethane	46.4		2.0	0.54
75-34-3	1,1-Dichloroethane	53.4		2.0	0.49
75-35-4	1,1-Dichloroethene	52.8		5.0	0.54
563-58-6	1,1-Dichloropropene	50.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	41.8		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	48.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	43.3		2.0	0.49
107-06-2	1,2-Dichloroethane	45.6		2.0	0.53
78-87-5	1,2-Dichloropropane	48.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	48.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	45.1		2.0	0.48
142-28-9	1,3-Dichloropropane	47.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	55.8		2.0	0.57
78-93-3	2-Butanone (MEK)	59.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	58.4		10	3.3
106-43-4	4-Chlorotoluene	46.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.2		10	1.2
67-64-1	Acetone	60.8		20	9.8
71-43-2	Benzene	48.4		2.0	0.52
108-86-1	Bromobenzene	42.7		5.0	0.49
74-97-5	Chlorobromomethane	49.0		5.0	0.48
75-27-4	Dichlorobromomethane	46.8		2.0	0.50
75-25-2	Bromoform	38.5		5.0	0.64
74-83-9	Bromomethane	54.0		10	5.2
75-15-0	Carbon disulfide	60.5		5.0	1.8
56-23-5	Carbon tetrachloride	49.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288639/4

Matrix: Water Lab File ID: 11152204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 09:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.1		2.0	0.48
75-00-3	Chloroethane	58.9		5.0	0.62
67-66-3	Chloroform	50.2		2.0	0.48
74-87-3	Chloromethane	58.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.9		2.0	0.46
124-48-1	Chlorodibromomethane	46.8		2.0	0.47
74-95-3	Dibromomethane	46.4		2.0	0.55
75-71-8	Dichlorodifluoromethane	56.6		5.0	0.84
100-41-4	Ethylbenzene	48.9		2.0	0.50
76-13-1	Freon 113	56.7		5.0	0.53
87-68-3	Hexachlorobutadiene	46.8		5.0	1.4
74-88-4	Iodomethane	51.1		2.0	0.53
98-82-8	Isopropylbenzene	47.9		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.7		1.0	0.52
75-09-2	Methylene Chloride	49.8		5.0	4.4
91-20-3	Naphthalene	42.8		5.0	2.2
104-51-8	n-Butylbenzene	51.9		5.0	0.55
103-65-1	N-Propylbenzene	48.1		2.0	0.49
95-47-6	o-Xylene	45.8		5.0	0.47
99-87-6	4-Isopropyltoluene	49.7		2.0	0.51
135-98-8	sec-Butylbenzene	49.0		5.0	0.48
100-42-5	Styrene	44.6		2.0	0.49
98-06-6	tert-Butylbenzene	47.6		5.0	0.45
127-18-4	Tetrachloroethene	49.1		2.0	0.48
108-88-3	Toluene	48.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.6		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	50.2		2.0	0.65
79-01-6	Trichloroethene	49.1		2.0	0.54
75-69-4	Trichlorofluoromethane	54.0		5.0	0.63
108-05-4	Vinyl acetate	56.6		25	4.1
75-01-4	Vinyl chloride	59.0		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288639/4

Matrix: Water Lab File ID: 11152204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 09:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288639 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288643/4

Matrix: Water | Lab File ID: 11152204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 11:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	49.4		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	48.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	49.8		2.0	0.54
75-34-3	1,1-Dichloroethane	48.3		2.0	0.49
75-35-4	1,1-Dichloroethene	48.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	46.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	49.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	46.3		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	51.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.8		5.0	3.8
106-93-4	1,2-Dibromoethane	48.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	49.2		2.0	0.49
107-06-2	1,2-Dichloroethane	47.9		2.0	0.53
78-87-5	1,2-Dichloropropane	48.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	52.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.6		2.0	0.48
142-28-9	1,3-Dichloropropane	49.2		2.0	0.50
106-46-7	1,4-Dichlorobenzene	49.3		2.0	0.51
594-20-7	2,2-Dichloropropane	49.5		2.0	0.57
78-93-3	2-Butanone (MEK)	46.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	50.2		10	3.3
106-43-4	4-Chlorotoluene	51.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	48.5		10	1.2
67-64-1	Acetone	43.8		20	9.8
71-43-2	Benzene	47.3		2.0	0.52
108-86-1	Bromobenzene	52.5		5.0	0.49
74-97-5	Chlorobromomethane	49.2		5.0	0.48
75-27-4	Dichlorobromomethane	48.5		2.0	0.50
75-25-2	Bromoform	53.2		5.0	0.64
74-83-9	Bromomethane	43.9		10	5.2
75-15-0	Carbon disulfide	49.8		5.0	1.8
56-23-5	Carbon tetrachloride	48.9		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288643/4

Matrix: Water | Lab File ID: 11152204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 11:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	49.5		2.0	0.48
75-00-3	Chloroethane	47.0		5.0	0.62
67-66-3	Chloroform	48.6		2.0	0.48
74-87-3	Chloromethane	45.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	50.5		2.0	0.46
124-48-1	Chlorodibromomethane	49.5		2.0	0.47
74-95-3	Dibromomethane	48.4		2.0	0.55
75-71-8	Dichlorodifluoromethane	46.9		5.0	0.84
100-41-4	Ethylbenzene	48.7		2.0	0.50
76-13-1	Freon 113	47.7		5.0	0.53
87-68-3	Hexachlorobutadiene	51.7		5.0	1.4
74-88-4	Iodomethane	49.4		2.0	0.53
98-82-8	Isopropylbenzene	52.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	53.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	49.4		1.0	0.52
75-09-2	Methylene Chloride	49.2		5.0	4.4
91-20-3	Naphthalene	46.8		5.0	2.2
104-51-8	n-Butylbenzene	51.0		5.0	0.55
103-65-1	N-Propylbenzene	51.4		2.0	0.49
95-47-6	o-Xylene	52.5		5.0	0.47
99-87-6	4-Isopropyltoluene	52.2		2.0	0.51
135-98-8	sec-Butylbenzene	52.2		5.0	0.48
100-42-5	Styrene	54.1		2.0	0.49
98-06-6	tert-Butylbenzene	54.3		5.0	0.45
127-18-4	Tetrachloroethene	50.1		2.0	0.48
108-88-3	Toluene	50.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	49.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	50.7		2.0	0.65
79-01-6	Trichloroethene	48.6		2.0	0.54
75-69-4	Trichlorofluoromethane	46.9		5.0	0.63
108-05-4	Vinyl acetate	49.4		25	4.1
75-01-4	Vinyl chloride	45.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288643/4

Matrix: Water Lab File ID: 11152204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/15/2022 11:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288643 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288760/4

Matrix: Water | Lab File ID: 11162207.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 11:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.7		2.0	0.54
75-34-3	1,1-Dichloroethane	51.6		2.0	0.49
75-35-4	1,1-Dichloroethene	51.0		5.0	0.54
563-58-6	1,1-Dichloropropene	47.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	43.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.5		5.0	3.8
106-93-4	1,2-Dibromoethane	46.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.3		2.0	0.49
107-06-2	1,2-Dichloroethane	43.7		2.0	0.53
78-87-5	1,2-Dichloropropane	45.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.4		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.6		2.0	0.48
142-28-9	1,3-Dichloropropane	45.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.6		2.0	0.51
594-20-7	2,2-Dichloropropane	54.3		2.0	0.57
78-93-3	2-Butanone (MEK)	56.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	54.7		10	3.3
106-43-4	4-Chlorotoluene	45.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.7		10	1.2
67-64-1	Acetone	48.7		20	9.8
71-43-2	Benzene	45.1		2.0	0.52
108-86-1	Bromobenzene	42.5		5.0	0.49
74-97-5	Chlorobromomethane	48.5		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	38.8		5.0	0.64
74-83-9	Bromomethane	50.5		10	5.2
75-15-0	Carbon disulfide	58.2		5.0	1.8
56-23-5	Carbon tetrachloride	46.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288760/4

Matrix: Water | Lab File ID: 11162207.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/16/2022 11:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288760 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.4		2.0	0.48
75-00-3	Chloroethane	57.5		5.0	0.62
67-66-3	Chloroform	49.6		2.0	0.48
74-87-3	Chloromethane	47.3		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	44.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.9		2.0	0.47
74-95-3	Dibromomethane	44.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	48.1		5.0	0.84
100-41-4	Ethylbenzene	46.8		2.0	0.50
76-13-1	Freon 113	53.1		5.0	0.53
87-68-3	Hexachlorobutadiene	51.6		5.0	1.4
74-88-4	Iodomethane	51.2		2.0	0.53
98-82-8	Isopropylbenzene	47.2		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	50.3		1.0	0.52
75-09-2	Methylene Chloride	48.7		5.0	4.4
91-20-3	Naphthalene	44.1		5.0	2.2
104-51-8	n-Butylbenzene	52.1		5.0	0.55
103-65-1	N-Propylbenzene	48.1		2.0	0.49
95-47-6	o-Xylene	45.4		5.0	0.47
99-87-6	4-Isopropyltoluene	50.4		2.0	0.51
135-98-8	sec-Butylbenzene	49.4		5.0	0.48
100-42-5	Styrene	45.0		2.0	0.49
98-06-6	tert-Butylbenzene	48.8		5.0	0.45
127-18-4	Tetrachloroethene	46.8		2.0	0.48
108-88-3	Toluene	45.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	51.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.9		2.0	0.65
79-01-6	Trichloroethene	46.1		2.0	0.54
75-69-4	Trichlorofluoromethane	53.9		5.0	0.63
108-05-4	Vinyl acetate	58.6		25	4.1
75-01-4	Vinyl chloride	60.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288760/4

Matrix: Water Lab File ID: 11162207.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/16/2022 11:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288760 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288833/4

Matrix: Water | Lab File ID: 11162236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	52.6		5.0	0.45
71-55-6	1,1,1-Trichloroethane	54.7		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	48.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	51.4		2.0	0.54
75-34-3	1,1-Dichloroethane	49.6		2.0	0.49
75-35-4	1,1-Dichloroethene	52.5		5.0	0.54
563-58-6	1,1-Dichloropropene	45.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	53.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	48.0		10	3.5
120-82-1	1,2,4-Trichlorobenzene	49.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	50.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.7		5.0	3.8
106-93-4	1,2-Dibromoethane	51.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	50.8		2.0	0.49
107-06-2	1,2-Dichloroethane	47.3		2.0	0.53
78-87-5	1,2-Dichloropropane	49.0		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	49.7		2.0	0.48
142-28-9	1,3-Dichloropropane	51.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	49.1		2.0	0.51
594-20-7	2,2-Dichloropropane	51.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.4		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.4		10	3.3
106-43-4	4-Chlorotoluene	48.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.3		10	1.2
67-64-1	Acetone	65.1		20	9.8
71-43-2	Benzene	46.6		2.0	0.52
108-86-1	Bromobenzene	51.5		5.0	0.49
74-97-5	Chlorobromomethane	50.9		5.0	0.48
75-27-4	Dichlorobromomethane	48.1		2.0	0.50
75-25-2	Bromoform	52.4		5.0	0.64
74-83-9	Bromomethane	75.3		10	5.2
75-15-0	Carbon disulfide	55.0		5.0	1.8
56-23-5	Carbon tetrachloride	50.1		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288833/4

Matrix: Water | Lab File ID: 11162236.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	50.6		2.0	0.48
75-00-3	Chloroethane	53.9		5.0	0.62
67-66-3	Chloroform	49.5		2.0	0.48
74-87-3	Chloromethane	48.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.7		2.0	0.46
124-48-1	Chlorodibromomethane	51.1		2.0	0.47
74-95-3	Dibromomethane	48.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.5		5.0	0.84
100-41-4	Ethylbenzene	49.6		2.0	0.50
76-13-1	Freon 113	55.6		5.0	0.53
87-68-3	Hexachlorobutadiene	55.6		5.0	1.4
74-88-4	Iodomethane	55.4		2.0	0.53
98-82-8	Isopropylbenzene	50.7		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.3		5.0	0.97
1634-04-4	Methyl tert-butyl ether	54.4		1.0	0.52
75-09-2	Methylene Chloride	53.3		5.0	4.4
91-20-3	Naphthalene	52.7		5.0	2.2
104-51-8	n-Butylbenzene	47.1		5.0	0.55
103-65-1	N-Propylbenzene	48.2		2.0	0.49
95-47-6	o-Xylene	50.0		5.0	0.47
99-87-6	4-Isopropyltoluene	52.1		2.0	0.51
135-98-8	sec-Butylbenzene	52.6		5.0	0.48
100-42-5	Styrene	51.6		2.0	0.49
98-06-6	tert-Butylbenzene	54.5		5.0	0.45
127-18-4	Tetrachloroethene	50.1		2.0	0.48
108-88-3	Toluene	50.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	51.1		2.0	0.65
79-01-6	Trichloroethene	47.7		2.0	0.54
75-69-4	Trichlorofluoromethane	56.8		5.0	0.63
108-05-4	Vinyl acetate	51.1		25	4.1
75-01-4	Vinyl chloride	63.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288833/4

Matrix: Water Lab File ID: 11162236.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/17/2022 07:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288949/5

Matrix: Water | Lab File ID: 11162296.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	60.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	63.4		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	51.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	55.2		2.0	0.54
75-34-3	1,1-Dichloroethane	55.1		2.0	0.49
75-35-4	1,1-Dichloroethene	60.5		5.0	0.54
563-58-6	1,1-Dichloropropene	55.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	55.8		5.0	3.3
96-18-4	1,2,3-Trichloropropane	56.7		10	3.5
120-82-1	1,2,4-Trichlorobenzene	53.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	57.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	55.9		5.0	3.8
106-93-4	1,2-Dibromoethane	55.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	56.3		2.0	0.49
107-06-2	1,2-Dichloroethane	56.0		2.0	0.53
78-87-5	1,2-Dichloropropane	51.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	60.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	56.0		2.0	0.48
142-28-9	1,3-Dichloropropane	52.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	54.1		2.0	0.51
594-20-7	2,2-Dichloropropane	56.3		2.0	0.57
78-93-3	2-Butanone (MEK)	60.2		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.3		10	3.3
106-43-4	4-Chlorotoluene	53.9		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	54.1		10	1.2
67-64-1	Acetone	62.0		20	9.8
71-43-2	Benzene	53.6		2.0	0.52
108-86-1	Bromobenzene	60.6		5.0	0.49
74-97-5	Chlorobromomethane	59.7		5.0	0.48
75-27-4	Dichlorobromomethane	55.9		2.0	0.50
75-25-2	Bromoform	62.4		5.0	0.64
74-83-9	Bromomethane	75.9		10	5.2
75-15-0	Carbon disulfide	60.1		5.0	1.8
56-23-5	Carbon tetrachloride	62.6		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288949/5

Matrix: Water | Lab File ID: 11162296.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	55.4		2.0	0.48
75-00-3	Chloroethane	55.0		5.0	0.62
67-66-3	Chloroform	57.6		2.0	0.48
74-87-3	Chloromethane	43.0		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	55.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	52.5		2.0	0.46
124-48-1	Chlorodibromomethane	57.7		2.0	0.47
74-95-3	Dibromomethane	56.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.0		5.0	0.84
100-41-4	Ethylbenzene	54.2		2.0	0.50
76-13-1	Freon 113	57.4		5.0	0.53
87-68-3	Hexachlorobutadiene	57.6		5.0	1.4
74-88-4	Iodomethane	65.4		2.0	0.53
98-82-8	Isopropylbenzene	60.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	58.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	58.8		1.0	0.52
75-09-2	Methylene Chloride	58.8		5.0	4.4
91-20-3	Naphthalene	56.4		5.0	2.2
104-51-8	n-Butylbenzene	54.0		5.0	0.55
103-65-1	N-Propylbenzene	55.7		2.0	0.49
95-47-6	o-Xylene	58.8		5.0	0.47
99-87-6	4-Isopropyltoluene	59.6		2.0	0.51
135-98-8	sec-Butylbenzene	59.3		5.0	0.48
100-42-5	Styrene	58.1		2.0	0.49
98-06-6	tert-Butylbenzene	62.9		5.0	0.45
127-18-4	Tetrachloroethene	61.3		2.0	0.48
108-88-3	Toluene	56.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	60.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	52.3		2.0	0.65
79-01-6	Trichloroethene	58.9		2.0	0.54
75-69-4	Trichlorofluoromethane	61.4		5.0	0.63
108-05-4	Vinyl acetate	38.5		25	4.1
75-01-4	Vinyl chloride	57.1		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288949/5

Matrix: Water Lab File ID: 11162296.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	121		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene (Surr)	117		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288978/4

Matrix: Water | Lab File ID: 11182204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	54.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	61.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	52.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	55.8		2.0	0.54
75-34-3	1,1-Dichloroethane	63.7		2.0	0.49
75-35-4	1,1-Dichloroethene	60.5		5.0	0.54
563-58-6	1,1-Dichloropropene	55.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	53.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	49.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	54.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	53.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	54.9		5.0	3.8
106-93-4	1,2-Dibromoethane	56.5		2.0	0.47
95-50-1	1,2-Dichlorobenzene	51.1		2.0	0.49
107-06-2	1,2-Dichloroethane	54.6		2.0	0.53
78-87-5	1,2-Dichloropropane	57.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.4		2.0	0.48
541-73-1	1,3-Dichlorobenzene	52.1		2.0	0.48
142-28-9	1,3-Dichloropropane	56.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	51.8		2.0	0.51
594-20-7	2,2-Dichloropropane	65.7		2.0	0.57
78-93-3	2-Butanone (MEK)	70.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	69.3		10	3.3
106-43-4	4-Chlorotoluene	52.2		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	63.6		10	1.2
67-64-1	Acetone	67.7		20	9.8
71-43-2	Benzene	55.9		2.0	0.52
108-86-1	Bromobenzene	50.7		5.0	0.49
74-97-5	Chlorobromomethane	61.7		5.0	0.48
75-27-4	Dichlorobromomethane	56.0		2.0	0.50
75-25-2	Bromoform	43.1		5.0	0.64
74-83-9	Bromomethane	60.3		10	5.2
75-15-0	Carbon disulfide	68.6		5.0	1.8
56-23-5	Carbon tetrachloride	54.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288978/4

Matrix: Water | Lab File ID: 11182204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	54.9		2.0	0.48
75-00-3	Chloroethane	71.0		5.0	0.62
67-66-3	Chloroform	61.8		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	55.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	58.1		2.0	0.46
124-48-1	Chlorodibromomethane	55.3		2.0	0.47
74-95-3	Dibromomethane	55.1		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	56.4		2.0	0.50
76-13-1	Freon 113	61.2		5.0	0.53
87-68-3	Hexachlorobutadiene	54.4		5.0	1.4
74-88-4	Iodomethane	59.0		2.0	0.53
98-82-8	Isopropylbenzene	52.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	51.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	64.9		1.0	0.52
75-09-2	Methylene Chloride	62.2		5.0	4.4
91-20-3	Naphthalene	53.8		5.0	2.2
104-51-8	n-Butylbenzene	55.6		5.0	0.55
103-65-1	N-Propylbenzene	53.8		2.0	0.49
95-47-6	o-Xylene	52.0		5.0	0.47
99-87-6	4-Isopropyltoluene	54.7		2.0	0.51
135-98-8	sec-Butylbenzene	53.2		5.0	0.48
100-42-5	Styrene	52.4		2.0	0.49
98-06-6	tert-Butylbenzene	52.7		5.0	0.45
127-18-4	Tetrachloroethene	55.3		2.0	0.48
108-88-3	Toluene	55.8		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	62.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	59.4		2.0	0.65
79-01-6	Trichloroethene	55.4		2.0	0.54
75-69-4	Trichlorofluoromethane	62.2		5.0	0.63
108-05-4	Vinyl acetate	73.4		25	4.1
75-01-4	Vinyl chloride	74.8		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288978/4

Matrix: Water Lab File ID: 11182204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	124		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MS | Lab Sample ID: 550-193293-2 MS

Matrix: Water | Lab File ID: 11152218.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	47.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	45.6		2.0	0.50
79-00-5	1,1,2-Trichloroethane	46.5		2.0	0.54
75-34-3	1,1-Dichloroethane	53.7		2.0	0.49
75-35-4	1,1-Dichloroethene	50.9		5.0	0.54
563-58-6	1,1-Dichloropropene	47.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	39.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	41.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.3		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	44.7		5.0	3.8
106-93-4	1,2-Dibromoethane	46.5		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.9		2.0	0.49
107-06-2	1,2-Dichloroethane	46.1		2.0	0.53
78-87-5	1,2-Dichloropropane	49.3		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	47.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	45.3		2.0	0.48
142-28-9	1,3-Dichloropropane	47.7		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.7		2.0	0.51
594-20-7	2,2-Dichloropropane	53.3		2.0	0.57
78-93-3	2-Butanone (MEK)	52.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	50.7		10	3.3
106-43-4	4-Chlorotoluene	46.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.0		10	1.2
67-64-1	Acetone	46.3		20	9.8
71-43-2	Benzene	48.2		2.0	0.52
108-86-1	Bromobenzene	43.9		5.0	0.49
74-97-5	Chlorobromomethane	50.1		5.0	0.48
75-27-4	Dichlorobromomethane	48.1		2.0	0.50
75-25-2	Bromoform	38.8		5.0	0.64
74-83-9	Bromomethane	61.7		10	5.2
75-15-0	Carbon disulfide	58.9		5.0	1.8
56-23-5	Carbon tetrachloride	46.6		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MS | Lab Sample ID: 550-193293-2 MS

Matrix: Water | Lab File ID: 11152218.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.5		2.0	0.48
75-00-3	Chloroethane	58.6		5.0	0.62
67-66-3	Chloroform	51.5		2.0	0.48
74-87-3	Chloromethane	57.7		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.4		2.0	0.46
124-48-1	Chlorodibromomethane	47.7		2.0	0.47
74-95-3	Dibromomethane	46.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.3		5.0	0.84
100-41-4	Ethylbenzene	47.9		2.0	0.50
76-13-1	Freon 113	53.7		5.0	0.53
87-68-3	Hexachlorobutadiene	44.3		5.0	1.4
74-88-4	Iodomethane	54.4		2.0	0.53
98-82-8	Isopropylbenzene	47.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	51.5		5.0	4.4
91-20-3	Naphthalene	41.0		5.0	2.2
104-51-8	n-Butylbenzene	48.4		5.0	0.55
103-65-1	N-Propylbenzene	47.0		2.0	0.49
95-47-6	o-Xylene	46.5		5.0	0.47
99-87-6	4-Isopropyltoluene	48.0		2.0	0.51
135-98-8	sec-Butylbenzene	47.5		5.0	0.48
100-42-5	Styrene	46.2		2.0	0.49
98-06-6	tert-Butylbenzene	47.8		5.0	0.45
127-18-4	Tetrachloroethene	65.0		2.0	0.48
108-88-3	Toluene	47.7		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.6		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.9		2.0	0.65
79-01-6	Trichloroethene	53.5		2.0	0.54
75-69-4	Trichlorofluoromethane	51.4		5.0	0.63
108-05-4	Vinyl acetate	57.2		25	4.1
75-01-4	Vinyl chloride	56.5		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MS | Lab Sample ID: 550-193293-2 MS

Matrix: Water | Lab File ID: 11152218.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MS | Lab Sample ID: 550-193293-6 MS

Matrix: Water | Lab File ID: 11162243.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	54.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	57.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	50.2		2.0	0.50
79-00-5	1,1,2-Trichloroethane	52.6		2.0	0.54
75-34-3	1,1-Dichloroethane	50.4		2.0	0.49
75-35-4	1,1-Dichloroethene	54.7		5.0	0.54
563-58-6	1,1-Dichloropropene	48.5		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	52.3		5.0	3.3
96-18-4	1,2,3-Trichloropropane	51.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	52.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.8		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.2		5.0	3.8
106-93-4	1,2-Dibromoethane	52.6		2.0	0.47
95-50-1	1,2-Dichlorobenzene	52.2		2.0	0.49
107-06-2	1,2-Dichloroethane	50.5		2.0	0.53
78-87-5	1,2-Dichloropropane	48.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	54.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	52.9		2.0	0.48
142-28-9	1,3-Dichloropropane	51.2		2.0	0.50
106-46-7	1,4-Dichlorobenzene	52.0		2.0	0.51
594-20-7	2,2-Dichloropropane	55.3		2.0	0.57
78-93-3	2-Butanone (MEK)	262		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	49.6		10	3.3
106-43-4	4-Chlorotoluene	50.8		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.6		10	1.2
67-64-1	Acetone	62.9		20	9.8
71-43-2	Benzene	48.5		2.0	0.52
108-86-1	Bromobenzene	56.1		5.0	0.49
74-97-5	Chlorobromomethane	56.4		5.0	0.48
75-27-4	Dichlorobromomethane	51.2		2.0	0.50
75-25-2	Bromoform	57.9		5.0	0.64
74-83-9	Bromomethane	73.9		10	5.2
75-15-0	Carbon disulfide	54.3		5.0	1.8
56-23-5	Carbon tetrachloride	53.8		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MS | Lab Sample ID: 550-193293-6 MS

Matrix: Water | Lab File ID: 11162243.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	52.0		2.0	0.48
75-00-3	Chloroethane	62.8		5.0	0.62
67-66-3	Chloroform	54.2		2.0	0.48
74-87-3	Chloromethane	45.1		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1090		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	51.7		2.0	0.46
124-48-1	Chlorodibromomethane	54.7		2.0	0.47
74-95-3	Dibromomethane	52.2		2.0	0.55
75-71-8	Dichlorodifluoromethane	46.7		5.0	0.84
100-41-4	Ethylbenzene	50.2		2.0	0.50
76-13-1	Freon 113	53.6		5.0	0.53
87-68-3	Hexachlorobutadiene	56.8		5.0	1.4
74-88-4	Iodomethane	59.3		2.0	0.53
98-82-8	Isopropylbenzene	53.2		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	53.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	54.5		1.0	0.52
75-09-2	Methylene Chloride	54.5		5.0	4.4
91-20-3	Naphthalene	50.6		5.0	2.2
104-51-8	n-Butylbenzene	51.0		5.0	0.55
103-65-1	N-Propylbenzene	50.7		2.0	0.49
95-47-6	o-Xylene	53.0		5.0	0.47
99-87-6	4-Isopropyltoluene	54.3		2.0	0.51
135-98-8	sec-Butylbenzene	53.4		5.0	0.48
100-42-5	Styrene	54.0		2.0	0.49
98-06-6	tert-Butylbenzene	56.4		5.0	0.45
127-18-4	Tetrachloroethene	54.7		2.0	0.48
108-88-3	Toluene	53.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	118		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	53.0		2.0	0.65
79-01-6	Trichloroethene	101		2.0	0.54
75-69-4	Trichlorofluoromethane	56.3		5.0	0.63
108-05-4	Vinyl acetate	61.2		25	4.1
75-01-4	Vinyl chloride	876		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MS Lab Sample ID: 550-193293-6 MS

Matrix: Water Lab File ID: 11162243.D

Analysis Method: 8260B Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) Date Analyzed: 11/17/2022 11:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene (Surr)	113		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MS | Lab Sample ID: 550-193293-7 MS

Matrix: Water | Lab File ID: 11152207.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 12:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	50.4		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.8		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	50.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	51.2		2.0	0.54
75-34-3	1,1-Dichloroethane	50.1		2.0	0.49
75-35-4	1,1-Dichloroethene	50.9		5.0	0.54
563-58-6	1,1-Dichloropropene	49.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	45.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	50.8		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	50.8		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.1		5.0	3.8
106-93-4	1,2-Dibromoethane	50.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	48.7		2.0	0.49
107-06-2	1,2-Dichloroethane	48.0		2.0	0.53
78-87-5	1,2-Dichloropropane	48.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	49.9		2.0	0.48
142-28-9	1,3-Dichloropropane	50.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	48.6		2.0	0.51
594-20-7	2,2-Dichloropropane	52.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.0		10	3.3
106-43-4	4-Chlorotoluene	51.2		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	52.0		10	1.2
67-64-1	Acetone	44.2		20	9.8
71-43-2	Benzene	47.8		2.0	0.52
108-86-1	Bromobenzene	52.0		5.0	0.49
74-97-5	Chlorobromomethane	49.6		5.0	0.48
75-27-4	Dichlorobromomethane	49.0		2.0	0.50
75-25-2	Bromoform	56.0		5.0	0.64
74-83-9	Bromomethane	48.8		10	5.2
75-15-0	Carbon disulfide	52.9		5.0	1.8
56-23-5	Carbon tetrachloride	49.8		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MS | Lab Sample ID: 550-193293-7 MS

Matrix: Water | Lab File ID: 11152207.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 12:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	50.5		2.0	0.48
75-00-3	Chloroethane	49.5		5.0	0.62
67-66-3	Chloroform	49.6		2.0	0.48
74-87-3	Chloromethane	49.5		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	51.3		2.0	0.46
124-48-1	Chlorodibromomethane	51.2		2.0	0.47
74-95-3	Dibromomethane	49.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	51.5		5.0	0.84
100-41-4	Ethylbenzene	49.6		2.0	0.50
76-13-1	Freon 113	50.4		5.0	0.53
87-68-3	Hexachlorobutadiene	50.4		5.0	1.4
74-88-4	Iodomethane	51.3		2.0	0.53
98-82-8	Isopropylbenzene	51.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	52.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.5		1.0	0.52
75-09-2	Methylene Chloride	51.3		5.0	4.4
91-20-3	Naphthalene	46.7		5.0	2.2
104-51-8	n-Butylbenzene	51.2		5.0	0.55
103-65-1	N-Propylbenzene	50.9		2.0	0.49
95-47-6	o-Xylene	51.7		5.0	0.47
99-87-6	4-Isopropyltoluene	52.1		2.0	0.51
135-98-8	sec-Butylbenzene	51.6		5.0	0.48
100-42-5	Styrene	53.3		2.0	0.49
98-06-6	tert-Butylbenzene	53.0		5.0	0.45
127-18-4	Tetrachloroethene	105		2.0	0.48
108-88-3	Toluene	50.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	51.6		2.0	0.65
79-01-6	Trichloroethene	64.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.0		5.0	0.63
108-05-4	Vinyl acetate	59.0		25	4.1
75-01-4	Vinyl chloride	49.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MS | Lab Sample ID: 550-193293-7 MS

Matrix: Water | Lab File ID: 11152207.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 12:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MSD | Lab Sample ID: 550-193293-2 MSD

Matrix: Water | Lab File ID: 11152219.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	47.9		5.0	0.45
71-55-6	1,1,1-Trichloroethane	51.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	47.6		2.0	0.54
75-34-3	1,1-Dichloroethane	55.0		2.0	0.49
75-35-4	1,1-Dichloroethene	51.7		5.0	0.54
563-58-6	1,1-Dichloropropene	48.3		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	41.9		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.7		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.1		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.3		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.1		5.0	3.8
106-93-4	1,2-Dibromoethane	47.7		2.0	0.47
95-50-1	1,2-Dichlorobenzene	45.0		2.0	0.49
107-06-2	1,2-Dichloroethane	47.1		2.0	0.53
78-87-5	1,2-Dichloropropane	50.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	45.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	46.1		2.0	0.48
142-28-9	1,3-Dichloropropane	48.2		2.0	0.50
106-46-7	1,4-Dichlorobenzene	45.5		2.0	0.51
594-20-7	2,2-Dichloropropane	54.2		2.0	0.57
78-93-3	2-Butanone (MEK)	55.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.0		10	3.3
106-43-4	4-Chlorotoluene	45.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	50.9		10	1.2
67-64-1	Acetone	47.1		20	9.8
71-43-2	Benzene	48.3		2.0	0.52
108-86-1	Bromobenzene	44.9		5.0	0.49
74-97-5	Chlorobromomethane	51.6		5.0	0.48
75-27-4	Dichlorobromomethane	49.0		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	61.6		10	5.2
75-15-0	Carbon disulfide	59.8		5.0	1.8
56-23-5	Carbon tetrachloride	46.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MSD | Lab Sample ID: 550-193293-2 MSD

Matrix: Water | Lab File ID: 11152219.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.7		2.0	0.48
75-00-3	Chloroethane	57.8		5.0	0.62
67-66-3	Chloroform	52.8		2.0	0.48
74-87-3	Chloromethane	60.0		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	48.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.9		2.0	0.46
124-48-1	Chlorodibromomethane	48.7		2.0	0.47
74-95-3	Dibromomethane	47.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.8		5.0	0.84
100-41-4	Ethylbenzene	48.3		2.0	0.50
76-13-1	Freon 113	54.1		5.0	0.53
87-68-3	Hexachlorobutadiene	43.3		5.0	1.4
74-88-4	Iodomethane	55.8		2.0	0.53
98-82-8	Isopropylbenzene	47.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	55.6		1.0	0.52
75-09-2	Methylene Chloride	52.5		5.0	4.4
91-20-3	Naphthalene	43.1		5.0	2.2
104-51-8	n-Butylbenzene	49.2		5.0	0.55
103-65-1	N-Propylbenzene	46.7		2.0	0.49
95-47-6	o-Xylene	46.6		5.0	0.47
99-87-6	4-Isopropyltoluene	47.8		2.0	0.51
135-98-8	sec-Butylbenzene	46.9		5.0	0.48
100-42-5	Styrene	46.4		2.0	0.49
98-06-6	tert-Butylbenzene	46.2		5.0	0.45
127-18-4	Tetrachloroethene	66.7		2.0	0.48
108-88-3	Toluene	48.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	53.2		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	50.5		2.0	0.65
79-01-6	Trichloroethene	53.9		2.0	0.54
75-69-4	Trichlorofluoromethane	52.0		5.0	0.63
108-05-4	Vinyl acetate	59.4		25	4.1
75-01-4	Vinyl chloride	57.8		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_D2_11-2022 MSD | Lab Sample ID: 550-193293-2 MSD

Matrix: Water | Lab File ID: 11152219.D

Analysis Method: 8260B | Date Collected: 11/04/2022 12:00

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 14:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288639 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MSD | Lab Sample ID: 550-193293-6 MSD

Matrix: Water | Lab File ID: 11162244.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	51.9		5.0	0.45
71-55-6	1,1,1-Trichloroethane	54.7		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	49.6		2.0	0.50
79-00-5	1,1,2-Trichloroethane	51.3		2.0	0.54
75-34-3	1,1-Dichloroethane	47.5		2.0	0.49
75-35-4	1,1-Dichloroethene	51.7		5.0	0.54
563-58-6	1,1-Dichloropropene	45.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	51.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	50.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	50.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	49.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	50.6		5.0	3.8
106-93-4	1,2-Dibromoethane	51.7		2.0	0.47
95-50-1	1,2-Dichlorobenzene	49.5		2.0	0.49
107-06-2	1,2-Dichloroethane	47.8		2.0	0.53
78-87-5	1,2-Dichloropropane	45.3		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	50.6		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.0		2.0	0.48
142-28-9	1,3-Dichloropropane	49.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	49.1		2.0	0.51
594-20-7	2,2-Dichloropropane	50.9		2.0	0.57
78-93-3	2-Butanone (MEK)	244		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	50.8		10	3.3
106-43-4	4-Chlorotoluene	47.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	50.5		10	1.2
67-64-1	Acetone	57.7		20	9.8
71-43-2	Benzene	45.4		2.0	0.52
108-86-1	Bromobenzene	52.8		5.0	0.49
74-97-5	Chlorobromomethane	53.2		5.0	0.48
75-27-4	Dichlorobromomethane	48.5		2.0	0.50
75-25-2	Bromoform	56.8		5.0	0.64
74-83-9	Bromomethane	62.3		10	5.2
75-15-0	Carbon disulfide	51.0		5.0	1.8
56-23-5	Carbon tetrachloride	51.1		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MSD | Lab Sample ID: 550-193293-6 MSD

Matrix: Water | Lab File ID: 11162244.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	49.6		2.0	0.48
75-00-3	Chloroethane	59.0		5.0	0.62
67-66-3	Chloroform	50.6		2.0	0.48
74-87-3	Chloromethane	41.5		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1010		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	49.5		2.0	0.46
124-48-1	Chlorodibromomethane	53.1		2.0	0.47
74-95-3	Dibromomethane	50.0		2.0	0.55
75-71-8	Dichlorodifluoromethane	44.0		5.0	0.84
100-41-4	Ethylbenzene	47.6		2.0	0.50
76-13-1	Freon 113	50.4		5.0	0.53
87-68-3	Hexachlorobutadiene	53.3		5.0	1.4
74-88-4	Iodomethane	55.4		2.0	0.53
98-82-8	Isopropylbenzene	49.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.2		1.0	0.52
75-09-2	Methylene Chloride	50.6		5.0	4.4
91-20-3	Naphthalene	51.0		5.0	2.2
104-51-8	n-Butylbenzene	47.9		5.0	0.55
103-65-1	N-Propylbenzene	47.4		2.0	0.49
95-47-6	o-Xylene	49.4		5.0	0.47
99-87-6	4-Isopropyltoluene	50.5		2.0	0.51
135-98-8	sec-Butylbenzene	49.7		5.0	0.48
100-42-5	Styrene	50.8		2.0	0.49
98-06-6	tert-Butylbenzene	52.4		5.0	0.45
127-18-4	Tetrachloroethene	52.0		2.0	0.48
108-88-3	Toluene	49.7		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	110		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	51.3		2.0	0.65
79-01-6	Trichloroethene	95.1		2.0	0.54
75-69-4	Trichlorofluoromethane	53.3		5.0	0.63
108-05-4	Vinyl acetate	61.6		25	4.1
75-01-4	Vinyl chloride	813		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: SMW-93D_11-2022 MSD | Lab Sample ID: 550-193293-6 MSD

Matrix: Water | Lab File ID: 11162244.D

Analysis Method: 8260B | Date Collected: 11/04/2022 10:40

Sample wt/vol: 10(mL) | Date Analyzed: 11/17/2022 12:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288833 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MSD | Lab Sample ID: 550-193293-7 MSD

Matrix: Water | Lab File ID: 11152208.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	50.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	53.8		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	50.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	50.4		2.0	0.54
75-34-3	1,1-Dichloroethane	51.8		2.0	0.49
75-35-4	1,1-Dichloroethene	53.4		5.0	0.54
563-58-6	1,1-Dichloropropene	51.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	49.3		10	3.5
120-82-1	1,2,4-Trichlorobenzene	49.0		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	53.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	48.9		5.0	3.8
106-93-4	1,2-Dibromoethane	49.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	49.5		2.0	0.49
107-06-2	1,2-Dichloroethane	49.8		2.0	0.53
78-87-5	1,2-Dichloropropane	49.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	54.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.9		2.0	0.48
142-28-9	1,3-Dichloropropane	50.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	49.7		2.0	0.51
594-20-7	2,2-Dichloropropane	54.7		2.0	0.57
78-93-3	2-Butanone (MEK)	47.2		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	49.1		10	3.3
106-43-4	4-Chlorotoluene	52.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	49.6		10	1.2
67-64-1	Acetone	42.2		20	9.8
71-43-2	Benzene	49.0		2.0	0.52
108-86-1	Bromobenzene	52.4		5.0	0.49
74-97-5	Chlorobromomethane	51.0		5.0	0.48
75-27-4	Dichlorobromomethane	50.1		2.0	0.50
75-25-2	Bromoform	53.2		5.0	0.64
74-83-9	Bromomethane	59.6		10	5.2
75-15-0	Carbon disulfide	55.4		5.0	1.8
56-23-5	Carbon tetrachloride	53.1		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MSD | Lab Sample ID: 550-193293-7 MSD

Matrix: Water | Lab File ID: 11152208.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	51.1		2.0	0.48
75-00-3	Chloroethane	53.3		5.0	0.62
67-66-3	Chloroform	50.9		2.0	0.48
74-87-3	Chloromethane	50.9		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	51.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	51.1		2.0	0.46
124-48-1	Chlorodibromomethane	50.6		2.0	0.47
74-95-3	Dibromomethane	50.1		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.9		5.0	0.84
100-41-4	Ethylbenzene	51.4		2.0	0.50
76-13-1	Freon 113	53.8		5.0	0.53
87-68-3	Hexachlorobutadiene	50.6		5.0	1.4
74-88-4	Iodomethane	53.0		2.0	0.53
98-82-8	Isopropylbenzene	54.0		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	54.3		5.0	0.97
1634-04-4	Methyl tert-butyl ether	50.0		1.0	0.52
75-09-2	Methylene Chloride	51.6		5.0	4.4
91-20-3	Naphthalene	48.9		5.0	2.2
104-51-8	n-Butylbenzene	54.1		5.0	0.55
103-65-1	N-Propylbenzene	53.3		2.0	0.49
95-47-6	o-Xylene	52.9		5.0	0.47
99-87-6	4-Isopropyltoluene	54.7		2.0	0.51
135-98-8	sec-Butylbenzene	54.3		5.0	0.48
100-42-5	Styrene	54.0		2.0	0.49
98-06-6	tert-Butylbenzene	56.0		5.0	0.45
127-18-4	Tetrachloroethene	111		2.0	0.48
108-88-3	Toluene	52.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	53.8		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	52.1		2.0	0.65
79-01-6	Trichloroethene	67.5		2.0	0.54
75-69-4	Trichlorofluoromethane	51.8		5.0	0.63
108-05-4	Vinyl acetate	57.0		25	4.1
75-01-4	Vinyl chloride	50.7		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193293-1

SDG No.:

Client Sample ID: R-34_I2_11-2022 MSD | Lab Sample ID: 550-193293-7 MSD

Matrix: Water | Lab File ID: 11152208.D

Analysis Method: 8260B | Date Collected: 11/04/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/15/2022 13:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288643 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene (Surr)	106		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 08:37

Analysis Batch Number: 288554 End Date: 11/14/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288554/1		11/14/2022 08:37	1	11142201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288554/2		11/14/2022 09:28	1	11142202.D	Rxi-624Sil 0.25(mm)
LCS 550-288554/3		11/14/2022 09:49	1	11142203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288554/4		11/14/2022 10:10	1	11142204.D	Rxi-624Sil 0.25(mm)
MB 550-288554/6		11/14/2022 10:52	1	11142206.D	Rxi-624Sil 0.25(mm)
550-193293-11	TB-04_11-2022	11/14/2022 11:13	1	11142207.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:34	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:55	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 13:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:45	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:06	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:30	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/15/2022 07:55

Analysis Batch Number: 288639 End Date: 11/15/2022 17:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288639/1		11/15/2022 07:55	1	11152201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288639/2		11/15/2022 08:43	1	11152202.D	Rxi-624Sil 0.25(mm)
LCS 550-288639/3		11/15/2022 09:04	1	11152203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288639/4		11/15/2022 09:24	1	11152204.D	Rxi-624Sil 0.25(mm)
MB 550-288639/6		11/15/2022 10:07	1	11152206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 10:33	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 11:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 11:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 12:09	100		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 12:30	50		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 12:51	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 13:12	20		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 13:33	20		Rxi-624Sil 0.25(mm)
550-193293-2	R-34_D2_11-2022	11/15/2022 14:15	1	11152217.D	Rxi-624Sil 0.25(mm)
550-193293-2 MS	R-34_D2_11-2022 MS	11/15/2022 14:36	1	11152218.D	Rxi-624Sil 0.25(mm)
550-193293-2 MSD	R-34_D2_11-2022 MSD	11/15/2022 14:57	1	11152219.D	Rxi-624Sil 0.25(mm)
550-193293-4	R-23_11-2022	11/15/2022 15:18	1	11152220.D	Rxi-624Sil 0.25(mm)
550-193293-5	R-34_I1_11-2022	11/15/2022 15:38	1	11152221.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 15:59	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 16:20	5		Rxi-624Sil 0.25(mm)
550-193293-3	R-934_D2_11-2022	11/15/2022 16:41	1	11152224.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 17:02	10		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 17:22	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/16/2022 07:51

Analysis Batch Number: 288760 End Date: 11/16/2022 18:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288760/1		11/16/2022 07:51	1	11162201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288760/2		11/16/2022 10:37	1	11162206.D	Rxi-624Sil 0.25(mm)
LCS 550-288760/1002		11/16/2022 10:37	1	-11162206-LCS.d	Rxi-624Sil 0.25(mm)
LCSD 550-288760/4		11/16/2022 11:16	1	11162207.D	Rxi-624Sil 0.25(mm)
MB 550-288760/6		11/16/2022 11:58	1	11162209.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 12:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 13:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 13:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 14:24	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 14:45	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 15:06	500		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 15:27	20		Rxi-624Sil 0.25(mm)
550-193293-8 DL2	SMW-3D_11-2022 DL2	11/16/2022 15:47	50	11162220.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 16:08	1		Rxi-624Sil 0.25(mm)
550-193293-8 DL	SMW-3D_11-2022 DL	11/16/2022 16:29	10	11162222.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 16:50	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 17:11	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 17:32	200000		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 17:53	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/16/2022 18:14	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/18/2022 09:03

Analysis Batch Number: 288978 End Date: 11/18/2022 19:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288978/1		11/18/2022 09:03	1	11182201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288978/2		11/18/2022 10:48	1	11182203.D	Rxi-624Sil 0.25(mm)
LCS 550-288978/1002		11/18/2022 10:48	1	-11182203-LCS.d	Rxi-624Sil 0.25(mm)
LCSD 550-288978/4		11/18/2022 11:09	1	11182204.D	Rxi-624Sil 0.25(mm)
MB 550-288978/6		11/18/2022 13:16	1	11182208.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:57	1		Rxi-624Sil 0.25(mm)
550-193293-1	EB-04_11-2022	11/18/2022 14:18	1	11182211.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:44	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:26	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:47	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:08	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:29	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:50	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 19:11	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 19:32	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/11/2022 11:04

Analysis Batch Number: 288457 End Date: 11/12/2022 11:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288457/1		11/11/2022 11:04	1	11112201.D	Rxi-624Sil 0.25(mm)
STD1 550-288457/4 IC		11/11/2022 12:22	1	11112204.D	Rxi-624Sil 0.25(mm)
STD2 550-288457/5 IC		11/11/2022 12:48	1	11112205.D	Rxi-624Sil 0.25(mm)
STD3 550-288457/6 IC		11/11/2022 13:15	1	11112206.D	Rxi-624Sil 0.25(mm)
STD4 550-288457/7 IC		11/11/2022 14:14	1	11112208.D	Rxi-624Sil 0.25(mm)
STD5 550-288457/8 IC		11/11/2022 14:40	1	11112209.D	Rxi-624Sil 0.25(mm)
STD6 550-288457/9 IC		11/11/2022 15:06	1	11112210.D	Rxi-624Sil 0.25(mm)
ICIS 550-288457/10		11/11/2022 15:32	1	11112211.D	Rxi-624Sil 0.25(mm)
STD8 550-288457/11 IC		11/11/2022 15:59	1	11112212.D	Rxi-624Sil 0.25(mm)
STD9 550-288457/12 IC		11/11/2022 16:25	1	11112213.D	Rxi-624Sil 0.25(mm)
ICV 550-288457/15		11/11/2022 17:44	1	11112216.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 10:38	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 11:31	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/15/2022 10:09

Analysis Batch Number: 288643 End Date: 11/15/2022 21:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288643/1		11/15/2022 10:09	1	11152201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288643/2		11/15/2022 10:49	1	11152202.D	Rxi-624Sil 0.25(mm)
LCS 550-288643/3		11/15/2022 11:15	1	11152203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288643/4		11/15/2022 11:41	1	11152204.D	Rxi-624Sil 0.25(mm)
MB 550-288643/6		11/15/2022 12:33	1	11152206.D	Rxi-624Sil 0.25(mm)
550-193293-7 MS	R-34_I2_11-2022 MS	11/15/2022 12:59	1	11152207.D	Rxi-624Sil 0.25(mm)
550-193293-7 MSD	R-34_I2_11-2022 MSD	11/15/2022 13:26	1	11152208.D	Rxi-624Sil 0.25(mm)
550-193293-7	R-34_I2_11-2022	11/15/2022 13:52	1	11152209.D	Rxi-624Sil 0.25(mm)
550-193293-8	SMW-3D_11-2022	11/15/2022 14:18	1	11152210.D	Rxi-624Sil 0.25(mm)
550-193293-9	R-01_S2_11-2022	11/15/2022 14:44	1	11152211.D	Rxi-624Sil 0.25(mm)
550-193293-10	M-12_11-2022	11/15/2022 15:10	1	11152212.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 16:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 16:29	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 16:55	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 17:22	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 17:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 18:14	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 18:40	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 19:06	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 19:33	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 19:59	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 20:25	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 20:52	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/15/2022 21:18	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/17/2022 06:27

Analysis Batch Number: 288833 End Date: 11/17/2022 18:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288833/27		11/17/2022 06:27	1	11162233.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288833/2		11/17/2022 06:53	1	11162234.D	Rxi-624Sil 0.25(mm)
LCS 550-288833/3		11/17/2022 07:19	1	11162235.D	Rxi-624Sil 0.25(mm)
LCSD 550-288833/4		11/17/2022 07:45	1	11162236.D	Rxi-624Sil 0.25(mm)
MB 550-288833/6		11/17/2022 08:38	1	11162238.D	Rxi-624Sil 0.25(mm)
550-193293-1	EB-04_11-2022	11/17/2022 09:04	1	11162239.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 11:21	1		Rxi-624Sil 0.25(mm)
550-193293-6 MS	SMW-93D_11-2022 MS	11/17/2022 11:47	1	11162243.D	Rxi-624Sil 0.25(mm)
550-193293-6 MSD	SMW-93D_11-2022 MSD	11/17/2022 12:14	1	11162244.D	Rxi-624Sil 0.25(mm)
550-193293-6	SMW-93D_11-2022	11/17/2022 12:40	1	11162245.D	Rxi-624Sil 0.25(mm)
550-193293-8 DL3	SMW-3D_11-2022 DL3	11/17/2022 13:06	100	11162246.D	Rxi-624Sil 0.25(mm)
550-193293-8 DL2	SMW-3D_11-2022 DL2	11/17/2022 13:32	50	11162247.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 13:59	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 14:25	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 14:51	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 15:17	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 15:43	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 16:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 16:36	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 17:02	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 17:28	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 17:54	2		Rxi-624Sil 0.25(mm)
ZZZZZ		11/17/2022 18:21	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/18/2022 09:14

Analysis Batch Number: 288949 End Date: 11/18/2022 20:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288949/1		11/18/2022 09:14	1	11162292.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288949/3		11/18/2022 10:06	1	11162294.D	Rxi-624Sil 0.25(mm)
LCS 550-288949/4		11/18/2022 10:33	1	11162295.D	Rxi-624Sil 0.25(mm)
LCSD 550-288949/5		11/18/2022 10:59	1	11162296.D	Rxi-624Sil 0.25(mm)
MB 550-288949/7		11/18/2022 11:51	1	11162298.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 12:17	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 12:43	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:35	1		Rxi-624Sil 0.25(mm)
550-193293-6 DL	SMW-93D_11-2022 DL	11/18/2022 14:01	20	11162303.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:54	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:20	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:46	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:13	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:31	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:58	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:50	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 19:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 19:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 20:08	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 20:35	1		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288457 Batch Start Date: 11/11/22 11:04 Batch Analyst: Jansen, Shanna L

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00802	MV_50ppmPS 00895	MV_BFB 25ppm 00150	MV_EtOH/TBA2 00223
BFB 550-288457/1		8260B		2 uL	2 uL			2 uL	
STD1 550-288457/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-288457/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-288457/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-288457/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-288457/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-288457/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-288457/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-288457/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-288457/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-288457/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00323	MV_Wk ICV 00441	
BFB 550-288457/1		8260B							
STD1 550-288457/4 IC		8260B			1 uL		5 uL		
STD2 550-288457/5 IC		8260B			2 uL		5 uL		
STD3 550-288457/6 IC		8260B			4 uL		5 uL		
STD4 550-288457/7 IC		8260B					5 uL		
STD5 550-288457/8 IC		8260B					5 uL		
STD6 550-288457/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288457 Batch Start Date: 11/11/22 11:04 Batch Analyst: Jansen, Shanna L

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00323	MV_Wk ICV 00441	
ICIS 550-288457/10		8260B					5 uL		
STD8 550-288457/11 IC		8260B					5 uL		
STD9 550-288457/12 IC		8260B					5 uL		
ICV 550-288457/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288554/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288554/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288554/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288554/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288554/6		8260B		10 mL	10 mL				
550-193293-A-11	TB-04_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288554/1		8260B							
CCVIS 550-288554/2		8260B			5 uL				
LCS 550-288554/3		8260B			5 uL				
LCSD 550-288554/4		8260B			5 uL				
MB 550-288554/6		8260B		5 uL					
550-193293-A-11	TB-04_11-2022	8260B	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288639 Batch Start Date: 11/15/22 07:55 Batch Analyst: Changnoi, Thussamon 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288639/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288639/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288639/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288639/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288639/6		8260B		10 mL	10 mL				
550-193293-A-2	R-34_D2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-2 MS	R-34_D2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-2 MSD	R-34_D2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-4	R-23_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-5	R-34_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-3	R-934_D2_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288639/1		8260B							
CCVIS 550-288639/2		8260B			5 uL				
LCS 550-288639/3		8260B			5 uL				
LCSD 550-288639/4		8260B			5 uL				
MB 550-288639/6		8260B		5 uL					
550-193293-A-2	R-34_D2_11-2022	8260B	T	5 uL					
550-193293-A-2 MS	R-34_D2_11-2022	8260B	T		5 uL				
550-193293-A-2 MSD	R-34_D2_11-2022	8260B	T		5 uL				
550-193293-A-4	R-23_11-2022	8260B	T	5 uL					
550-193293-A-5	R-34_I1_11-2022	8260B	T	5 uL					
550-193293-A-3	R-934_D2_11-2022	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288639 Batch Start Date: 11/15/22 07:55 Batch Analyst: Changnoi, Thussamon 1

Batch Method: 8260B Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288643 Batch Start Date: 11/15/22 10:09 Batch Analyst: Changnoi, Thussamon 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00149	MV_EtOH/TBA2 00221
BFB 550-288643/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-288643/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288643/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288643/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288643/6		8260B		10 mL	10 mL				
550-193293-A-7 MS	R-34_I2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-7 MSD	R-34_I2_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-7	R-34_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-8	SMW-3D_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-9	R-01_S2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-10	M-12_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288643/1		8260B							
CCVIS 550-288643/2		8260B			5 uL				
LCS 550-288643/3		8260B			5 uL				
LCSD 550-288643/4		8260B			5 uL				
MB 550-288643/6		8260B		5 uL					
550-193293-A-7 MS	R-34_I2_11-2022	8260B	T		5 uL				
550-193293-A-7 MSD	R-34_I2_11-2022	8260B	T		5 uL				
550-193293-A-7	R-34_I2_11-2022	8260B	T	5 uL					
550-193293-A-8	SMW-3D_11-2022	8260B	T	5 uL					
550-193293-A-9	R-01_S2_11-2022	8260B	T	5 uL					
550-193293-A-10	M-12_11-2022	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288643 Batch Start Date: 11/15/22 10:09 Batch Analyst: Changnoi, Thussamon 1

Batch Method: 8260B Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288760 Batch Start Date: 11/16/22 07:51 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288760/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288760/2		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288760/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288760/6		8260B		10 mL	10 mL				
550-193293-B-8	SMW-3D_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-B-8	SMW-3D_11-2022	8260B	T	10 mL	10 mL	2 SU			
LCS 550-288760/1002		8260B		10 mL	10 mL		10 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288760/1		8260B							
CCVIS 550-288760/2		8260B			5 uL				
LCSD 550-288760/4		8260B			5 uL				
MB 550-288760/6		8260B		5 uL					
550-193293-B-8	SMW-3D_11-2022	8260B	T	5 uL					
550-193293-B-8	SMW-3D_11-2022	8260B	T	5 uL					
LCS 550-288760/1002		8260B			5 uL				

Batch Notes	
Batch Comment	Prepped/loaded by SJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288833 Batch Start Date: 11/17/22 06:27 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00149	MV_EtOH/TBA2 00221
CCVIS 550-288833/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288833/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288833/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288833/6		8260B		10 mL	10 mL				
BFB 550-288833/27		8260B		2 uL	2 uL			2 uL	
550-193293-A-1	EB-04_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-C-8	SMW-3D_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-A-6 MS	SMW-93D_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-6 MSD	SMW-93D_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193293-A-6	SMW-93D_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193293-C-8	SMW-3D_11-2022	8260B	T	10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
CCVIS 550-288833/2		8260B			5 uL				
LCS 550-288833/3		8260B			5 uL				
LCSD 550-288833/4		8260B			5 uL				
MB 550-288833/6		8260B		5 uL					
BFB 550-288833/27		8260B							
550-193293-A-1	EB-04_11-2022	8260B	T	5 uL					
550-193293-C-8	SMW-3D_11-2022	8260B	T	5 uL					
550-193293-A-6 MS	SMW-93D_11-2022	8260B	T		5 uL				
550-193293-A-6 MSD	SMW-93D_11-2022	8260B	T		5 uL				
550-193293-A-6	SMW-93D_11-2022	8260B	T	5 uL					
550-193293-C-8	SMW-3D_11-2022	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288833 Batch Start Date: 11/17/22 06:27 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Batch Notes	
Batch Comment	Prepped/loaded by DSJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288949 Batch Start Date: 11/18/22 09:14 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00149	MV_EtOH/TBA2 00221
BFB 550-288949/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-288949/3		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288949/4		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288949/5		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288949/7		8260B		10 mL	10 mL				
550-193293-C-6	SMW-93D_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288949/1		8260B							
CCVIS 550-288949/3		8260B			5 uL				
LCS 550-288949/4		8260B			5 uL				
LCSD 550-288949/5		8260B			5 uL				
MB 550-288949/7		8260B		5 uL					
550-193293-C-6	SMW-93D_11-2022	8260B	T	5 uL					

Batch Notes	
Batch Comment	Prep/load by SJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193293-1

SDG No.:

Batch Number: 288978 Batch Start Date: 11/18/22 09:03 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00224
BFB 550-288978/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288978/2		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288978/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288978/6		8260B		10 mL	10 mL				
550-193293-B-1	EB-04_11-2022	8260B	T	10 mL	10 mL	2 SU			
LCS 550-288978/1002		8260B		10 mL	10 mL		10 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288978/1		8260B							
CCVIS 550-288978/2		8260B			5 uL				
LCSD 550-288978/4		8260B			5 uL				
MB 550-288978/6		8260B		5 uL					
550-193293-B-1	EB-04_11-2022	8260B	T	5 uL					
LCS 550-288978/1002		8260B			5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571695

eurofins | Environment Testing TestAmerica

193293

TAL-8210

Address: 4625 E COTTON CENTER BLVD STE 189 PHOENIX, AZ

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: CERCLA

Client Contact	Project Manager: A. McGLOWN	Site Contact:	Date: 11/7/22	COC No:
Company Name: NMED	Tel/Email:	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE/NM/87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 505-660-8121	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
EB-04_11-2022 -1	11/7/22	1430	G	W	3	N	N	X	
R-34_D2_11-2022 -2	11/4/22	1200			9	N	Y		
R-934_D2_11-2022 -3	11/4/22	10:10			3		N		
R-23_11-2022 -4	11/4/22	09:45			3				
R-34_I1_11-2022 -5	11/4/22	11:05			3				
SMW-93D_11-2022 -6	11/4/22	10:40			3				
R-34_I2_11-2022 -7	11/4/22	11:20			3				
SMW-3D_11-2022 -8	11/4/22	12:15			3				
R-01_52_11-2022 -9	11/4/22	10:08			3				
M-12_11-2022 -10	11/4/22	11:40			2				
TB-04-11-2022 -11	11/2/22	16:04	↓	↓	3	↓	↓	↓	

550-193293 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

FED EX 1.4°C IR CS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/7 1630			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				EETA-PHX	11/8/22 1010

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193293-1

Login Number: 193293
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:06 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193487-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

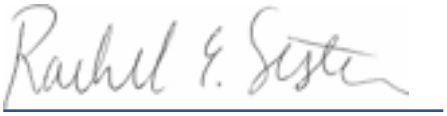
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193487-1

Revision
This report was revised on 12/1/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 5:54 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288978 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: M-15_11-2022 (550-193487-1), R-13_I2_11-2022 (550-193487-2), R-32_I1_11-2022 (550-193487-4) and (CCVIS 550-288978/2).

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for 550-288978 recovered outside control limits for the following analytes: Chloroform, 1,1-Dichloroethene and Vinyl chloride. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCVIS) associated with 550-288978 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

M-15_11-2022 (550-193487-1), R-13_I2_11-2022 (550-193487-2), R-32_I1_11-2022 (550-193487-4) and (CCVIS 550-288978/2)

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 550-289041 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.
EWMW-4B_11-2022 (550-193487-5), M-915_11-2022 (550-193487-7) and (CCVIS 550-289041/2)

Method 8260B: The following sample(s) was collected in a properly preserved vial; however, the pH-3 was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: EWMW-4B_11-2022 (550-193487-5). Sample will be reported with cn qualifier.

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 550-289135 recovered below project specific control limit for Benzene, Dichlorobromomethane, trans-1,3-Dichloropropene and Ethylene Dibromide but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.
BC-5_11-2022 (550-193487-3), BC-6_11-2022 (550-193487-6), BC-96_11-2022 (550-193487-8), TB-07_11-2022 (550-193487-9) and (CCVIS 550-289135/2)

Method 8260B: The laboratory control sample duplicate (LCSD) associated with 550-289135 was outside acceptance criteria, low for 1,2-Dichloropropane. The laboratory control sample (LCS) and the batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance. The samples will be reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Client Sample ID: M-15_11-2022 — Lab Sample ID: 550-193487-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.1		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.7		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	28		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: R-13_I2_11-2022 — Lab Sample ID: 550-193487-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9	J	2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	24		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.79	J	2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	5.4		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: BC-5_11-2022 — Lab Sample ID: 550-193487-3

No Detections.

Client Sample ID: R-32_I1_11-2022 — Lab Sample ID: 550-193487-4

No Detections.

Client Sample ID: EWMW-4B_11-2022 — Lab Sample ID: 550-193487-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	J	20	9.8	ug/L	1		8260B	Total/NA
Chloroethane	1.1	J	5.0	0.62	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.0		2.0	0.62	ug/L	1		8260B	Total/NA
Toluene	4.3		2.0	0.49	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.0		2.0	0.52	ug/L	1		8260B	Total/NA
Vinyl chloride	4.4	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: BC-6_11-2022 — Lab Sample ID: 550-193487-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	47		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.9	J	2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	11		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	37		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: M-915_11-2022 — Lab Sample ID: 550-193487-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.7		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	29		2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: BC-96_11-2022 — Lab Sample ID: 550-193487-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	44		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.1		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	12		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	39		2.0	0.54	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Client Sample ID: TB-07_11-2022

Lab Sample ID: 550-193487-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: M-15_11-2022

Date Collected: 11/08/22 11:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 16:03	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 16:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 16:03	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 16:03	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 16:03	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 16:03	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 16:03	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 16:03	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 16:03	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 16:03	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 16:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 16:03	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 16:03	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 16:03	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 16:03	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 16:03	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 16:03	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 16:03	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 16:03	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 16:03	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 16:03	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 16:03	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 16:03	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 16:03	1
Acetone	ND		20	9.8	ug/L			11/18/22 16:03	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 16:03	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 16:03	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 16:03	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 16:03	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 16:03	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 16:03	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 16:03	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 16:03	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 16:03	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 16:03	1
Chloroform	ND	*+	2.0	0.48	ug/L			11/18/22 16:03	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 16:03	1
cis-1,2-Dichloroethene	**22**		2.0	0.62	ug/L			11/18/22 16:03	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 16:03	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 16:03	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 16:03	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 16:03	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 16:03	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 16:03	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 16:03	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 16:03	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 16:03	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 16:03	1

Client Sample ID: M-15_11-2022

Date Collected: 11/08/22 11:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 16:03	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 16:03	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 16:03	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 16:03	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 16:03	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 16:03	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 16:03	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 16:03	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 16:03	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 16:03	1
Tetrachloroethene	**7.1**		2.0	0.48	ug/L			11/18/22 16:03	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 16:03	1
trans-1,2-Dichloroethene	**3.7**		2.0	0.52	ug/L			11/18/22 16:03	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 16:03	1
Trichloroethene	**28**		2.0	0.54	ug/L			11/18/22 16:03	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 16:03	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 16:03	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/18/22 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/18/22 16:03*	*1*
Toluene-d8 (Surr)	*85*		*70 - 130*		*11/18/22 16:03*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/18/22 16:03*	*1*

Client Sample ID: R-13_I2_11-2022

Date Collected: 11/08/22 12:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 19:11	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 19:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 19:11	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 19:11	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 19:11	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 19:11	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 19:11	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 19:11	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 19:11	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 19:11	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 19:11	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 19:11	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 19:11	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 19:11	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 19:11	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:11	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:11	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 19:11	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 19:11	1

Client Sample ID: R-13_I2_11-2022

Date Collected: 11/08/22 12:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 19:11	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 19:11	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 19:11	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 19:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 19:11	1
Acetone	ND		20	9.8	ug/L			11/18/22 19:11	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 19:11	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 19:11	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 19:11	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 19:11	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 19:11	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 19:11	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 19:11	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 19:11	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:11	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 19:11	1
Chloroform	ND	*+	2.0	0.48	ug/L			11/18/22 19:11	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 19:11	1
cis-1,2-Dichloroethene	**1.9**	**J**	2.0	0.62	ug/L			11/18/22 19:11	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 19:11	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 19:11	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 19:11	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 19:11	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 19:11	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 19:11	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 19:11	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 19:11	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 19:11	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 19:11	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 19:11	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 19:11	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 19:11	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 19:11	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 19:11	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 19:11	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 19:11	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 19:11	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 19:11	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 19:11	1
Tetrachloroethene	**24**		2.0	0.48	ug/L			11/18/22 19:11	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 19:11	1
trans-1,2-Dichloroethene	**0.79**	**J**	2.0	0.52	ug/L			11/18/22 19:11	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 19:11	1
Trichloroethene	**5.4**		2.0	0.54	ug/L			11/18/22 19:11	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 19:11	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 19:11	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/18/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/18/22 19:11*	*1*

Client Sample ID: R-13_I2_11-2022

Date Collected: 11/08/22 12:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/18/22 19:11*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/18/22 19:11*	*1*

Client Sample ID: BC-5_11-2022

Date Collected: 11/09/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 18:53	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 18:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 18:53	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 18:53	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 18:53	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 18:53	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 18:53	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 18:53	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 18:53	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 18:53	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 18:53	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 18:53	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 18:53	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 18:53	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 18:53	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:53	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:53	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 18:53	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 18:53	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 18:53	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 18:53	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 18:53	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 18:53	1
Acetone	ND		20	9.8	ug/L			11/21/22 18:53	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 18:53	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 18:53	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 18:53	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 18:53	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 18:53	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 18:53	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 18:53	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 18:53	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:53	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 18:53	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 18:53	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 18:53	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 18:53	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 18:53	1

Client Sample ID: BC-5_11-2022

Date Collected: 11/09/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 18:53	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 18:53	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 18:53	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 18:53	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 18:53	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 18:53	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 18:53	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 18:53	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 18:53	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 18:53	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 18:53	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 18:53	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 18:53	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 18:53	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 18:53	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 18:53	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 18:53	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 18:53	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 18:53	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 18:53	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 18:53	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 18:53	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 18:53	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 18:53	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 18:53	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 18:53	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/21/22 18:53*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/21/22 18:53*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*11/21/22 18:53*	*1*

Client Sample ID: R-32_I1_11-2022

Date Collected: 11/08/22 11:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 19:32	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 19:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 19:32	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 19:32	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 19:32	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 19:32	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 19:32	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 19:32	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 19:32	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 19:32	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:32	1

Client Sample ID: R-32_I1_11-2022

Date Collected: 11/08/22 11:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 19:32	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 19:32	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 19:32	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 19:32	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 19:32	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:32	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:32	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 19:32	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 19:32	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 19:32	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 19:32	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 19:32	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 19:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 19:32	1
Acetone	ND		20	9.8	ug/L			11/18/22 19:32	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 19:32	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 19:32	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 19:32	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 19:32	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 19:32	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 19:32	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 19:32	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 19:32	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:32	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 19:32	1
Chloroform	ND	*+	2.0	0.48	ug/L			11/18/22 19:32	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 19:32	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 19:32	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 19:32	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 19:32	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 19:32	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 19:32	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 19:32	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 19:32	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 19:32	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 19:32	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 19:32	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 19:32	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 19:32	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 19:32	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 19:32	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 19:32	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 19:32	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 19:32	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 19:32	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 19:32	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 19:32	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 19:32	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 19:32	1

Client Sample ID: R-32_I1_11-2022

Lab Sample ID: 550-193487-4

Date Collected: 11/08/22 11:55
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/18/22 19:32	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 19:32	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 19:32	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 19:32	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 19:32	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 19:32	1
Vinyl chloride	ND	*+	5.0	0.82	ug/L			11/18/22 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/18/22 19:32*	*1*
Toluene-d8 (Surr)	*85*		*70 - 130*		*11/18/22 19:32*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/18/22 19:32*	*1*

Client Sample ID: EWMW-4B_11-2022

Lab Sample ID: 550-193487-5

Date Collected: 11/08/22 10:14
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 04:57	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 04:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 04:57	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 04:57	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 04:57	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 04:57	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 04:57	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 04:57	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 04:57	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 04:57	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 04:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 04:57	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 04:57	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 04:57	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 04:57	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 04:57	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 04:57	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 04:57	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 04:57	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 04:57	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 04:57	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 04:57	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 04:57	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 04:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 04:57	1
Acetone	**14**	**J**	20	9.8	ug/L			11/19/22 04:57	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 04:57	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 04:57	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 04:57	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 04:57	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 04:57	1

Client Sample ID: EWMW-4B_11-2022
Lab Sample ID: 550-193487-5

Date Collected: 11/08/22 10:14
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/19/22 04:57	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 04:57	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 04:57	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 04:57	1
Chloroethane	**1.1**	**J**	5.0	0.62	ug/L			11/19/22 04:57	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 04:57	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 04:57	1
cis-1,2-Dichloroethene	**2.0**		2.0	0.62	ug/L			11/19/22 04:57	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 04:57	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 04:57	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 04:57	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 04:57	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 04:57	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 04:57	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 04:57	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 04:57	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 04:57	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 04:57	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 04:57	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 04:57	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 04:57	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 04:57	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 04:57	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 04:57	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 04:57	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 04:57	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 04:57	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 04:57	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 04:57	1
Toluene	**4.3**		2.0	0.49	ug/L			11/19/22 04:57	1
trans-1,2-Dichloroethene	**2.0**		2.0	0.52	ug/L			11/19/22 04:57	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 04:57	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 04:57	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 04:57	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 04:57	1
Vinyl chloride	**4.4**	**J**	5.0	0.82	ug/L			11/19/22 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/19/22 04:57*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*11/19/22 04:57*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*11/19/22 04:57*	*1*

Client Sample ID: BC-6_11-2022
Lab Sample ID: 550-193487-6

Date Collected: 11/09/22 10:50
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 19:19	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 19:19	1

Client Sample ID: BC-6_11-2022

Date Collected: 11/09/22 10:50
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 19:19	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 19:19	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 19:19	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 19:19	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 19:19	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 19:19	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 19:19	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 19:19	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 19:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 19:19	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 19:19	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 19:19	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 19:19	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 19:19	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 19:19	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 19:19	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 19:19	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 19:19	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 19:19	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 19:19	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 19:19	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 19:19	1
Acetone	ND		20	9.8	ug/L			11/21/22 19:19	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 19:19	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 19:19	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 19:19	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 19:19	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 19:19	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 19:19	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 19:19	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 19:19	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 19:19	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 19:19	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 19:19	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 19:19	1
cis-1,2-Dichloroethene	**47**		2.0	0.62	ug/L			11/21/22 19:19	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 19:19	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 19:19	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 19:19	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 19:19	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 19:19	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 19:19	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 19:19	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 19:19	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 19:19	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 19:19	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 19:19	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 19:19	1

Client Sample ID: BC-6_11-2022

Date Collected: 11/09/22 10:50
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 19:19	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 19:19	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 19:19	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 19:19	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 19:19	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 19:19	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 19:19	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 19:19	1
Tetrachloroethene	**1.9**	**J**	2.0	0.48	ug/L			11/21/22 19:19	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 19:19	1
trans-1,2-Dichloroethene	**11**		2.0	0.52	ug/L			11/21/22 19:19	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 19:19	1
Trichloroethene	**37**		2.0	0.54	ug/L			11/21/22 19:19	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 19:19	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 19:19	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*11/21/22 19:19*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*11/21/22 19:19*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*11/21/22 19:19*	*1*

Client Sample ID: M-915_11-2022

Date Collected: 11/08/22 09:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 05:18	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 05:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 05:18	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 05:18	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 05:18	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 05:18	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 05:18	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 05:18	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 05:18	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 05:18	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 05:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 05:18	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 05:18	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 05:18	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 05:18	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 05:18	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 05:18	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 05:18	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 05:18	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 05:18	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 05:18	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 05:18	1

Client Sample ID: M-915_11-2022

Date Collected: 11/08/22 09:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 05:18	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 05:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 05:18	1
Acetone	ND		20	9.8	ug/L			11/19/22 05:18	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 05:18	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 05:18	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 05:18	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 05:18	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 05:18	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 05:18	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 05:18	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 05:18	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 05:18	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 05:18	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 05:18	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 05:18	1
cis-1,2-Dichloroethene	**24**		2.0	0.62	ug/L			11/19/22 05:18	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 05:18	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 05:18	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 05:18	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 05:18	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 05:18	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 05:18	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 05:18	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 05:18	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 05:18	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 05:18	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 05:18	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 05:18	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 05:18	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 05:18	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 05:18	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 05:18	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 05:18	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 05:18	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 05:18	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 05:18	1
Tetrachloroethene	**6.7**		2.0	0.48	ug/L			11/19/22 05:18	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 05:18	1
trans-1,2-Dichloroethene	**3.5**		2.0	0.52	ug/L			11/19/22 05:18	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 05:18	1
Trichloroethene	**29**		2.0	0.54	ug/L			11/19/22 05:18	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 05:18	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 05:18	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/19/22 05:18*	*1*
Toluene-d8 (Surr)	*85*		*70 - 130*		*11/19/22 05:18*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/19/22 05:18*	*1*

Client Sample ID: BC-96_11-2022

Date Collected: 11/09/22 09:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 19:41	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 19:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 19:41	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 19:41	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 19:41	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 19:41	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 19:41	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 19:41	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 19:41	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 19:41	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 19:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 19:41	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 19:41	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 19:41	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 19:41	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 19:41	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 19:41	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 19:41	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 19:41	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 19:41	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 19:41	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 19:41	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 19:41	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 19:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 19:41	1
Acetone	ND		20	9.8	ug/L			11/21/22 19:41	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 19:41	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 19:41	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 19:41	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 19:41	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 19:41	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 19:41	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 19:41	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 19:41	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 19:41	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 19:41	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 19:41	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 19:41	1
cis-1,2-Dichloroethene	**44**		2.0	0.62	ug/L			11/21/22 19:41	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 19:41	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 19:41	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 19:41	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 19:41	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 19:41	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 19:41	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 19:41	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 19:41	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 19:41	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 19:41	1

Client Sample ID: BC-96_11-2022

Date Collected: 11/09/22 09:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 19:41	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 19:41	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 19:41	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 19:41	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 19:41	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 19:41	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 19:41	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 19:41	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 19:41	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 19:41	1
Tetrachloroethene	**2.1**		2.0	0.48	ug/L			11/21/22 19:41	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 19:41	1
trans-1,2-Dichloroethene	**12**		2.0	0.52	ug/L			11/21/22 19:41	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 19:41	1
Trichloroethene	**39**		2.0	0.54	ug/L			11/21/22 19:41	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 19:41	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 19:41	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/21/22 19:41*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/21/22 19:41*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*11/21/22 19:41*	*1*

Client Sample ID: TB-07_11-2022

Date Collected: 11/09/22 13:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 20:03	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 20:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 20:03	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 20:03	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 20:03	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 20:03	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 20:03	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 20:03	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 20:03	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 20:03	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 20:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 20:03	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 20:03	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 20:03	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 20:03	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 20:03	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 20:03	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 20:03	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 20:03	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 20:03	1

Client Sample ID: TB-07_11-2022

Date Collected: 11/09/22 13:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 20:03	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 20:03	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 20:03	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 20:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 20:03	1
Acetone	ND		20	9.8	ug/L			11/21/22 20:03	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 20:03	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 20:03	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 20:03	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 20:03	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 20:03	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 20:03	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 20:03	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 20:03	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 20:03	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 20:03	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 20:03	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 20:03	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 20:03	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 20:03	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 20:03	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 20:03	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 20:03	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 20:03	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 20:03	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 20:03	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 20:03	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 20:03	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 20:03	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 20:03	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 20:03	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 20:03	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 20:03	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 20:03	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 20:03	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 20:03	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 20:03	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 20:03	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 20:03	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 20:03	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 20:03	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 20:03	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 20:03	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 20:03	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 20:03	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 20:03	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/21/22 20:03*	*1*

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Client Sample ID: TB-07_11-2022
Date Collected: 11/09/22 13:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*84*		*70 - 130*		*11/21/22 20:03*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*11/21/22 20:03*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193487-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193487-1	M-15_11-2022	94	85	78
550-193487-1 MS	M-15_11-2022	127	113	103
550-193487-1 MSD	M-15_11-2022	125	110	102
550-193487-2	R-13_I2_11-2022	92	86	79
550-193487-3	BC-5_11-2022	100	86	74
550-193487-4	R-32_I1_11-2022	93	85	79
550-193487-5	EWMW-4B_11-2022	93	83	80
550-193487-6	BC-6_11-2022	105	91	74
550-193487-7	M-915_11-2022	95	85	81
550-193487-8	BC-96_11-2022	99	86	74
550-193487-9	TB-07_11-2022	95	84	76
LCS 550-288978/1002	Lab Control Sample	117	106	99
LCS 550-289041/1002	Lab Control Sample	93	88	83
LCS 550-289135/3	Lab Control Sample	88	88	85
LCSD 550-288978/4	Lab Control Sample Dup	124	111	103
LCSD 550-289041/4	Lab Control Sample Dup	94	90	84
LCSD 550-289135/4	Lab Control Sample Dup	88	86	88
MB 550-288978/6	Method Blank	92	86	78
MB 550-289041/6	Method Blank	87	90	81
MB 550-289135/6	Method Blank	94	89	77

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288978/6
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 13:16	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 13:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 13:16	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 13:16	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 13:16	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 13:16	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 13:16	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 13:16	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 13:16	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 13:16	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 13:16	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 13:16	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 13:16	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 13:16	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 13:16	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 13:16	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 13:16	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 13:16	1
Acetone	ND		20	9.8	ug/L			11/18/22 13:16	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 13:16	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 13:16	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 13:16	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 13:16	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 13:16	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 13:16	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 13:16	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 13:16	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 13:16	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 13:16	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 13:16	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 13:16	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 13:16	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 13:16	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 13:16	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 13:16	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 13:16	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 13:16	1
Iodomethane	0.900	J	2.0	0.53	ug/L			11/18/22 13:16	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 13:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288978/6
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 13:16	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 13:16	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 13:16	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 13:16	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 13:16	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 13:16	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 13:16	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 13:16	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 13:16	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 13:16	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 13:16	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 13:16	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 13:16	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 13:16	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 13:16	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 13:16	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/18/22 13:16*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/18/22 13:16*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/18/22 13:16*	*1*

Lab Sample ID: LCS 550-288978/1002
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	68 - 133
1,1,1-Trichloroethane	50.0	57.9		ug/L		116	62 - 134
1,1,2,2-Tetrachloroethane	50.0	47.3		ug/L		95	60 - 135
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	69 - 130
1,1-Dichloroethane	50.0	60.8		ug/L		122	65 - 132
1,1-Dichloroethene	50.0	57.6		ug/L		115	80 - 120
1,1-Dichloropropene	50.0	52.7		ug/L		105	63 - 130
1,2,3-Trichlorobenzene	50.0	50.7		ug/L		101	62 - 139
1,2,3-Trichloropropane	50.0	44.6		ug/L		89	67 - 130
1,2,4-Trichlorobenzene	50.0	53.2		ug/L		106	66 - 135
1,2,4-Trimethylbenzene	50.0	52.1		ug/L		104	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/L		94	58 - 133
1,2-Dibromoethane	50.0	51.0		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	49.9		ug/L		100	54 - 135
1,2-Dichloropropane	50.0	53.2		ug/L		106	80 - 120
1,3,5-Trimethylbenzene	50.0	50.3		ug/L		101	70 - 139
1,3-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288978/1002
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	51.8		ug/L		104	69 - 130
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130
2,2-Dichloropropane	50.0	62.9		ug/L		126	60 - 148
2-Butanone (MEK)	50.0	60.7		ug/L		121	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	57.7		ug/L		115	50 - 148
4-Chlorotoluene	50.0	50.6		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	54.9		ug/L		110	56 - 141
Acetone	50.0	57.1		ug/L		114	11 - 150
Benzene	50.0	52.8		ug/L		106	67 - 130
Bromobenzene	50.0	48.3		ug/L		97	70 - 130
Chlorobromomethane	50.0	57.8		ug/L		116	59 - 139
Dichlorobromomethane	50.0	51.5		ug/L		103	69 - 130
Bromoform	50.0	38.2		ug/L		76	67 - 140
Bromomethane	50.0	56.1		ug/L		112	10 - 150
Carbon disulfide	50.0	65.1		ug/L		130	36 - 150
Carbon tetrachloride	50.0	51.2		ug/L		102	60 - 134
Chlorobenzene	50.0	51.9		ug/L		104	70 - 130
Chloroethane	50.0	67.7		ug/L		135	57 - 150
Chloroform	50.0	58.5		ug/L		117	80 - 120
Chloromethane	50.0	55.5		ug/L		111	46 - 150
cis-1,2-Dichloroethene	50.0	52.7		ug/L		105	64 - 130
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	66 - 134
Chlorodibromomethane	50.0	49.5		ug/L		99	65 - 133
Dibromomethane	50.0	50.5		ug/L		101	65 - 130
Dichlorodifluoromethane	50.0	51.2		ug/L		102	29 - 150
Ethylbenzene	50.0	53.4		ug/L		107	80 - 120
Freon 113	50.0	58.7		ug/L		117	37 - 150
Hexachlorobutadiene	50.0	55.8		ug/L		112	58 - 134
Isopropylbenzene	50.0	50.8		ug/L		102	70 - 139
m-Xylene & p-Xylene	50.0	50.4		ug/L		101	67 - 137
Methyl tert-butyl ether	50.0	58.9		ug/L		118	59 - 139
Methylene Chloride	50.0	58.9		ug/L		118	55 - 136
Naphthalene	50.0	48.2		ug/L		96	64 - 135
n-Butylbenzene	50.0	55.4		ug/L		111	70 - 136
N-Propylbenzene	50.0	50.9		ug/L		102	66 - 142
o-Xylene	50.0	50.1		ug/L		100	68 - 136
4-Isopropyltoluene	50.0	53.9		ug/L		108	67 - 138
sec-Butylbenzene	50.0	52.1		ug/L		104	66 - 135
Styrene	50.0	49.8		ug/L		100	69 - 135
tert-Butylbenzene	50.0	52.2		ug/L		104	64 - 135
Tetrachloroethene	50.0	52.1		ug/L		104	63 - 131
Toluene	50.0	52.9		ug/L		106	71 - 123
trans-1,2-Dichloroethene	50.0	59.3		ug/L		119	65 - 132
trans-1,3-Dichloropropene	50.0	53.2		ug/L		106	66 - 136
Trichloroethene	50.0	52.0		ug/L		104	67 - 130
Trichlorofluoromethane	50.0	59.4		ug/L		119	62 - 147
Vinyl acetate	50.0	65.7		ug/L		131	51 - 150
Vinyl chloride	50.0	70.4	*+	ug/L		141	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288978/1002
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*117*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 550-288978/4
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.8		ug/L		110	68 - 133	6	20
1,1,1-Trichloroethane			50.0	61.2		ug/L		122	62 - 134	6	20
1,1,2,2-Tetrachloroethane			50.0	52.3		ug/L		105	60 - 135	10	20
1,1,2-Trichloroethane			50.0	55.8		ug/L		112	69 - 130	9	20
1,1-Dichloroethane			50.0	63.7		ug/L		127	65 - 132	5	20
1,1-Dichloroethene			50.0	60.5	*+	ug/L		121	80 - 120	5	23
1,1-Dichloropropene			50.0	55.8		ug/L		112	63 - 130	6	20
1,2,3-Trichlorobenzene			50.0	53.5		ug/L		107	62 - 139	5	20
1,2,3-Trichloropropane			50.0	49.5		ug/L		99	67 - 130	11	20
1,2,4-Trichlorobenzene			50.0	54.7		ug/L		109	66 - 135	3	20
1,2,4-Trimethylbenzene			50.0	53.0		ug/L		106	70 - 134	2	20
1,2-Dibromo-3-Chloropropane			50.0	54.9		ug/L		110	58 - 133	16	21
1,2-Dibromoethane			50.0	56.5		ug/L		113	70 - 130	10	20
1,2-Dichlorobenzene			50.0	51.1		ug/L		102	70 - 130	4	20
1,2-Dichloroethane			50.0	54.6		ug/L		109	54 - 135	9	20
1,2-Dichloropropane			50.0	57.5		ug/L		115	80 - 120	8	20
1,3,5-Trimethylbenzene			50.0	51.4		ug/L		103	70 - 139	2	20
1,3-Dichlorobenzene			50.0	52.1		ug/L		104	70 - 130	3	20
1,3-Dichloropropane			50.0	56.1		ug/L		112	69 - 130	8	20
1,4-Dichlorobenzene			50.0	51.8		ug/L		104	70 - 130	4	20
2,2-Dichloropropane			50.0	65.7		ug/L		131	60 - 148	4	21
2-Butanone (MEK)			50.0	70.8		ug/L		142	50 - 150	15	34
Methyl n-butyl ketone (MNBK)			50.0	69.3		ug/L		139	50 - 148	18	29
4-Chlorotoluene			50.0	52.2		ug/L		104	70 - 130	3	20
4-Methyl-2-pentanone (MIBK)			50.0	63.6		ug/L		127	56 - 141	15	23
Acetone			50.0	67.7		ug/L		135	11 - 150	17	35
Benzene			50.0	55.9		ug/L		112	67 - 130	6	20
Bromobenzene			50.0	50.7		ug/L		101	70 - 130	5	20
Chlorobromomethane			50.0	61.7		ug/L		123	59 - 139	7	20
Dichlorobromomethane			50.0	56.0		ug/L		112	69 - 130	8	20
Bromoform			50.0	43.1		ug/L		86	67 - 140	12	20
Bromomethane			50.0	60.3		ug/L		121	10 - 150	7	31
Carbon disulfide			50.0	68.6		ug/L		137	36 - 150	5	26
Carbon tetrachloride			50.0	54.7		ug/L		109	60 - 134	7	20
Chlorobenzene			50.0	54.9		ug/L		110	70 - 130	6	20
Chloroethane			50.0	71.0		ug/L		142	57 - 150	5	29
Chloroform			50.0	61.8	*+	ug/L		124	80 - 120	5	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	7	30
cis-1,2-Dichloroethene			50.0	55.8		ug/L		112	64 - 130	6	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288978/4
Matrix: Water
Analysis Batch: 288978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	58.1		ug/L		116	66 - 134	10	20
Chlorodibromomethane			50.0	55.3		ug/L		111	65 - 133	11	20
Dibromomethane			50.0	55.1		ug/L		110	65 - 130	9	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	5	30
Ethylbenzene			50.0	56.4		ug/L		113	80 - 120	5	20
Freon 113			50.0	61.2		ug/L		122	37 - 150	4	20
Hexachlorobutadiene			50.0	54.4		ug/L		109	58 - 134	2	20
Isopropylbenzene			50.0	52.8		ug/L		106	70 - 139	4	20
m-Xylene & p-Xylene			50.0	51.6		ug/L		103	67 - 137	2	20
Methyl tert-butyl ether			50.0	64.9		ug/L		130	59 - 139	10	22
Methylene Chloride			50.0	62.2		ug/L		124	55 - 136	5	23
Naphthalene			50.0	53.8		ug/L		108	64 - 135	11	20
n-Butylbenzene			50.0	55.6		ug/L		111	70 - 136	0	20
N-Propylbenzene			50.0	53.8		ug/L		108	66 - 142	6	20
o-Xylene			50.0	52.0		ug/L		104	68 - 136	4	20
4-Isopropyltoluene			50.0	54.7		ug/L		109	67 - 138	2	20
sec-Butylbenzene			50.0	53.2		ug/L		106	66 - 135	2	20
Styrene			50.0	52.4		ug/L		105	69 - 135	5	20
tert-Butylbenzene			50.0	52.7		ug/L		105	64 - 135	1	20
Tetrachloroethene			50.0	55.3		ug/L		111	63 - 131	6	20
Toluene			50.0	55.8		ug/L		112	71 - 123	5	20
trans-1,2-Dichloroethene			50.0	62.5		ug/L		125	65 - 132	5	20
trans-1,3-Dichloropropene			50.0	59.4		ug/L		119	66 - 136	11	20
Trichloroethene			50.0	55.4		ug/L		111	67 - 130	6	20
Trichlorofluoromethane			50.0	62.2		ug/L		124	62 - 147	5	22
Vinyl acetate			50.0	73.4		ug/L		147	51 - 150	11	29
Vinyl chloride			50.0	74.8	*+	ug/L		150	80 - 120	6	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*124*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 550-193487-1 MS
Matrix: Water
Analysis Batch: 288978

Client Sample ID: M-15_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	54.1		ug/L		108	62 - 139
1,1,1-Trichloroethane	ND		50.0	60.2		ug/L		120	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	49.3		ug/L		99	52 - 150
1,1,2-Trichloroethane	ND		50.0	53.7		ug/L		107	62 - 137
1,1-Dichloroethane	ND		50.0	61.7		ug/L		123	58 - 145
1,1-Dichloroethene	ND	*+	50.0	58.8		ug/L		118	50 - 150
1,1-Dichloropropene	ND		50.0	52.7		ug/L		105	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	51.2		ug/L		102	52 - 144
1,2,3-Trichloropropane	ND		50.0	47.5		ug/L		95	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	52.3		ug/L		105	54 - 140

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193487-1 MS
Matrix: Water
Analysis Batch: 288978

Client Sample ID: M-15_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	ND		50.0	52.3		ug/L		105	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	49.7		ug/L		99	41 - 149
1,2-Dibromoethane	ND		50.0	55.1		ug/L		110	67 - 136
1,2-Dichlorobenzene	ND		50.0	50.4		ug/L		101	64 - 132
1,2-Dichloroethane	ND		50.0	52.1		ug/L		104	47 - 146
1,2-Dichloropropane	ND		50.0	54.6		ug/L		109	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	49.7		ug/L		99	34 - 150
1,3-Dichlorobenzene	ND		50.0	51.4		ug/L		103	67 - 130
1,3-Dichloropropane	ND		50.0	54.8		ug/L		110	65 - 140
1,4-Dichlorobenzene	ND		50.0	51.3		ug/L		103	67 - 128
2,2-Dichloropropane	ND		50.0	61.9		ug/L		124	54 - 150
2-Butanone (MEK)	ND		50.0	65.2		ug/L		130	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	60.0		ug/L		120	37 - 150
4-Chlorotoluene	ND		50.0	50.0		ug/L		100	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	57.5		ug/L		115	41 - 150
Acetone	ND		50.0	51.7		ug/L		103	10 - 150
Benzene	ND		50.0	53.4		ug/L		107	54 - 142
Bromobenzene	ND		50.0	49.5		ug/L		99	67 - 132
Chlorobromomethane	ND		50.0	60.8		ug/L		122	55 - 147
Dichlorobromomethane	ND		50.0	54.3		ug/L		109	61 - 143
Bromoform	ND		50.0	41.9		ug/L		84	57 - 148
Bromomethane	ND		50.0	71.6		ug/L		143	56 - 149
Carbon disulfide	ND		50.0	66.2		ug/L		132	23 - 150
Carbon tetrachloride	ND		50.0	52.6		ug/L		105	51 - 143
Chlorobenzene	ND		50.0	53.3		ug/L		107	69 - 129
Chloroethane	ND		50.0	69.2		ug/L		138	41 - 150
Chloroform	ND	*+	50.0	60.7		ug/L		121	60 - 148
Chloromethane	ND		50.0	53.6		ug/L		107	29 - 150
cis-1,2-Dichloroethene	22		50.0	72.2		ug/L		100	57 - 139
cis-1,3-Dichloropropene	ND		50.0	54.3		ug/L		109	57 - 145
Chlorodibromomethane	ND		50.0	54.9		ug/L		110	61 - 143
Dibromomethane	ND		50.0	53.7		ug/L		107	56 - 148
Dichlorodifluoromethane	ND		50.0	52.4		ug/L		105	20 - 150
Ethylbenzene	ND		50.0	54.2		ug/L		108	46 - 149
Freon 113	ND		50.0	60.0		ug/L		120	10 - 150
Hexachlorobutadiene	ND		50.0	54.5		ug/L		109	48 - 146
Isopropylbenzene	ND		50.0	50.9		ug/L		102	56 - 146
m-Xylene & p-Xylene	ND		50.0	50.4		ug/L		101	47 - 150
Methyl tert-butyl ether	ND		50.0	62.1		ug/L		124	51 - 150
Methylene Chloride	ND		50.0	60.2		ug/L		120	43 - 150
Naphthalene	ND		50.0	49.5		ug/L		99	32 - 150
n-Butylbenzene	ND		50.0	54.9		ug/L		110	54 - 146
N-Propylbenzene	ND		50.0	51.4		ug/L		103	54 - 150
o-Xylene	ND		50.0	50.7		ug/L		101	52 - 150
4-Isopropyltoluene	ND		50.0	54.1		ug/L		108	53 - 147
sec-Butylbenzene	ND		50.0	53.0		ug/L		106	54 - 145
Styrene	ND		50.0	50.9		ug/L		102	20 - 150
tert-Butylbenzene	ND		50.0	52.5		ug/L		105	57 - 143
Tetrachloroethene	7.1		50.0	58.7		ug/L		103	37 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193487-1 MS
Matrix: Water
Analysis Batch: 288978

Client Sample ID: M-15_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	ND		50.0	53.9		ug/L		108	54 - 141
trans-1,2-Dichloroethene	3.7		50.0	63.4		ug/L		119	58 - 140
trans-1,3-Dichloropropene	ND		50.0	54.5		ug/L		109	57 - 147
Trichloroethene	28		50.0	75.0		ug/L		95	58 - 134
Trichlorofluoromethane	ND		50.0	61.0		ug/L		122	46 - 150
Vinyl acetate	ND		50.0	66.5		ug/L		133	10 - 150
Vinyl chloride	ND	*+	50.0	67.5		ug/L		135	29 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*127*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 550-193487-1 MSD
Matrix: Water
Analysis Batch: 288978

Client Sample ID: M-15_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	52.5		ug/L		105	62 - 139	3	35
1,1,1-Trichloroethane	ND		50.0	59.3		ug/L		119	57 - 143	1	35
1,1,2,2-Tetrachloroethane	ND		50.0	51.0		ug/L		102	52 - 150	3	35
1,1,2-Trichloroethane	ND		50.0	53.3		ug/L		107	62 - 137	1	35
1,1-Dichloroethane	ND		50.0	61.1		ug/L		122	58 - 145	1	35
1,1-Dichloroethene	ND	*+	50.0	58.0		ug/L		116	50 - 150	1	35
1,1-Dichloropropene	ND		50.0	51.9		ug/L		104	50 - 142	2	35
1,2,3-Trichlorobenzene	ND		50.0	52.1		ug/L		104	52 - 144	2	35
1,2,3-Trichloropropane	ND		50.0	48.5		ug/L		97	59 - 138	2	35
1,2,4-Trichlorobenzene	ND		50.0	52.3		ug/L		105	54 - 140	0	35
1,2,4-Trimethylbenzene	ND		50.0	52.0		ug/L		104	41 - 150	1	35
1,2-Dibromo-3-Chloropropane	ND		50.0	53.7		ug/L		107	41 - 149	8	35
1,2-Dibromoethane	ND		50.0	54.0		ug/L		108	67 - 136	2	35
1,2-Dichlorobenzene	ND		50.0	50.2		ug/L		100	64 - 132	0	35
1,2-Dichloroethane	ND		50.0	51.8		ug/L		104	47 - 146	1	35
1,2-Dichloropropane	ND		50.0	53.2		ug/L		106	59 - 140	2	35
1,3,5-Trimethylbenzene	ND		50.0	51.1		ug/L		102	34 - 150	3	35
1,3-Dichlorobenzene	ND		50.0	51.1		ug/L		102	67 - 130	1	35
1,3-Dichloropropane	ND		50.0	53.6		ug/L		107	65 - 140	2	35
1,4-Dichlorobenzene	ND		50.0	50.9		ug/L		102	67 - 128	1	35
2,2-Dichloropropane	ND		50.0	61.6		ug/L		123	54 - 150	1	35
2-Butanone (MEK)	ND		50.0	66.7		ug/L		133	10 - 150	2	35
Methyl n-butyl ketone (MNBK)	ND		50.0	61.8		ug/L		124	37 - 150	3	35
4-Chlorotoluene	ND		50.0	50.8		ug/L		102	63 - 141	2	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	58.8		ug/L		118	41 - 150	2	35
Acetone	ND		50.0	52.8		ug/L		106	10 - 150	2	35
Benzene	ND		50.0	52.1		ug/L		104	54 - 142	3	35
Bromobenzene	ND		50.0	49.6		ug/L		99	67 - 132	0	35
Chlorobromomethane	ND		50.0	60.5		ug/L		121	55 - 147	0	35
Dichlorobromomethane	ND		50.0	53.0		ug/L		106	61 - 143	2	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193487-1 MSD
Matrix: Water
Analysis Batch: 288978

Client Sample ID: M-15_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	ND		50.0	42.6		ug/L		85	57 - 148	2	35
Bromomethane	ND		50.0	73.4		ug/L		147	56 - 149	3	35
Carbon disulfide	ND		50.0	65.8		ug/L		132	23 - 150	1	35
Carbon tetrachloride	ND		50.0	51.8		ug/L		104	51 - 143	1	35
Chlorobenzene	ND		50.0	52.1		ug/L		104	69 - 129	2	35
Chloroethane	ND		50.0	68.9		ug/L		138	41 - 150	0	35
Chloroform	ND	*+	50.0	59.6		ug/L		119	60 - 148	2	35
Chloromethane	ND		50.0	52.4		ug/L		105	29 - 150	2	35
cis-1,2-Dichloroethene	22		50.0	71.0		ug/L		98	57 - 139	2	35
cis-1,3-Dichloropropene	ND		50.0	53.1		ug/L		106	57 - 145	2	35
Chlorodibromomethane	ND		50.0	53.8		ug/L		108	61 - 143	2	35
Dibromomethane	ND		50.0	52.9		ug/L		106	56 - 148	2	35
Dichlorodifluoromethane	ND		50.0	52.4		ug/L		105	20 - 150	0	35
Ethylbenzene	ND		50.0	53.2		ug/L		106	46 - 149	2	35
Freon 113	ND		50.0	59.8		ug/L		120	10 - 150	0	35
Hexachlorobutadiene	ND		50.0	55.8		ug/L		112	48 - 146	2	35
Isopropylbenzene	ND		50.0	51.0		ug/L		102	56 - 146	0	35
m-Xylene & p-Xylene	ND		50.0	49.7		ug/L		99	47 - 150	1	35
Methyl tert-butyl ether	ND		50.0	62.2		ug/L		124	51 - 150	0	35
Methylene Chloride	ND		50.0	59.3		ug/L		119	43 - 150	2	35
Naphthalene	ND		50.0	51.3		ug/L		103	32 - 150	4	35
n-Butylbenzene	ND		50.0	54.1		ug/L		108	54 - 146	2	35
N-Propylbenzene	ND		50.0	51.3		ug/L		103	54 - 150	0	35
o-Xylene	ND		50.0	50.3		ug/L		101	52 - 150	1	35
4-Isopropyltoluene	ND		50.0	53.9		ug/L		108	53 - 147	0	35
sec-Butylbenzene	ND		50.0	52.7		ug/L		105	54 - 145	1	35
Styrene	ND		50.0	50.2		ug/L		100	20 - 150	1	35
tert-Butylbenzene	ND		50.0	53.3		ug/L		107	57 - 143	2	35
Tetrachloroethene	7.1		50.0	57.6		ug/L		101	37 - 150	2	35
Toluene	ND		50.0	52.9		ug/L		106	54 - 141	2	35
trans-1,2-Dichloroethene	3.7		50.0	62.4		ug/L		118	58 - 140	1	35
trans-1,3-Dichloropropene	ND		50.0	54.1		ug/L		108	57 - 147	1	35
Trichloroethene	28		50.0	74.3		ug/L		93	58 - 134	1	35
Trichlorofluoromethane	ND		50.0	61.0		ug/L		122	46 - 150	0	35
Vinyl acetate	ND		50.0	69.5		ug/L		139	10 - 150	4	35
Vinyl chloride	ND	*+	50.0	67.4		ug/L		135	29 - 150	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*125*		*70 - 130*
Toluene-d8 (Surr)	*110*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 23:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 23:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 23:22	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 23:22	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 23:22	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 23:22	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 23:22	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 23:22	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 23:22	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 23:22	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 23:22	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 23:22	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 23:22	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 23:22	1
Acetone	ND		20	9.8	ug/L			11/18/22 23:22	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 23:22	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 23:22	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 23:22	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 23:22	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 23:22	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 23:22	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 23:22	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 23:22	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 23:22	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 23:22	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 23:22	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 23:22	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 23:22	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 23:22	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 23:22	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 23:22	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 23:22	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 23:22	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 23:22	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 23:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 23:22	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 23:22	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 23:22	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 23:22	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 23:22	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 23:22	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 23:22	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 23:22	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 23:22	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 23:22	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 23:22	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 23:22	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 23:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*11/18/22 23:22*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/18/22 23:22*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/18/22 23:22*	*1*

Lab Sample ID: LCS 550-289041/1002
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	41.2		ug/L		82	68 - 133
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	41.3		ug/L		83	60 - 135
1,1,2-Trichloroethane	50.0	41.1		ug/L		82	69 - 130
1,1-Dichloroethane	50.0	49.0		ug/L		98	65 - 132
1,1-Dichloroethene	50.0	49.5		ug/L		99	80 - 120
1,1-Dichloropropene	50.0	45.6		ug/L		91	63 - 130
1,2,3-Trichlorobenzene	50.0	42.2		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	41.5		ug/L		83	67 - 130
1,2,4-Trichlorobenzene	50.0	43.1		ug/L		86	66 - 135
1,2,4-Trimethylbenzene	50.0	43.6		ug/L		87	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/L		92	58 - 133
1,2-Dibromoethane	50.0	42.3		ug/L		85	70 - 130
1,2-Dichlorobenzene	50.0	40.9		ug/L		82	70 - 130
1,2-Dichloroethane	50.0	40.0		ug/L		80	54 - 135
1,2-Dichloropropane	50.0	42.8		ug/L		86	80 - 120
1,3,5-Trimethylbenzene	50.0	43.1		ug/L		86	70 - 139
1,3-Dichlorobenzene	50.0	42.0		ug/L		84	70 - 130
1,3-Dichloropropane	50.0	41.9		ug/L		84	69 - 130
1,4-Dichlorobenzene	50.0	41.5		ug/L		83	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289041/1002
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	50.0	49.6		ug/L		99	60 - 148
2-Butanone (MEK)	50.0	55.0		ug/L		110	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	51.8		ug/L		104	50 - 148
4-Chlorotoluene	50.0	43.0		ug/L		86	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.5		ug/L		95	56 - 141
Acetone	50.0	57.7		ug/L		115	11 - 150
Benzene	50.0	43.8		ug/L		88	67 - 130
Bromobenzene	50.0	40.8		ug/L		82	70 - 130
Chlorobromomethane	50.0	45.6		ug/L		91	59 - 139
Dichlorobromomethane	50.0	41.9		ug/L		84	69 - 130
Bromoform	50.0	35.9		ug/L		72	67 - 140
Bromomethane	50.0	49.3		ug/L		99	10 - 150
Carbon disulfide	50.0	55.2		ug/L		110	36 - 150
Carbon tetrachloride	50.0	46.0		ug/L		92	60 - 134
Chlorobenzene	50.0	42.2		ug/L		84	70 - 130
Chloroethane	50.0	55.4		ug/L		111	57 - 150
Chloroform	50.0	46.4		ug/L		93	80 - 120
Chloromethane	50.0	44.1		ug/L		88	46 - 150
cis-1,2-Dichloroethene	50.0	43.6		ug/L		87	64 - 130
cis-1,3-Dichloropropene	50.0	42.9		ug/L		86	66 - 134
Chlorodibromomethane	50.0	42.1		ug/L		84	65 - 133
Dibromomethane	50.0	41.5		ug/L		83	65 - 130
Dichlorodifluoromethane	50.0	45.1		ug/L		90	29 - 150
Ethylbenzene	50.0	44.4		ug/L		89	80 - 120
Freon 113	50.0	52.6		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	49.7		ug/L		99	58 - 134
Isopropylbenzene	50.0	46.5		ug/L		93	70 - 139
m-Xylene & p-Xylene	50.0	44.3		ug/L		89	67 - 137
Methyl tert-butyl ether	50.0	45.4		ug/L		91	59 - 139
Methylene Chloride	50.0	48.1		ug/L		96	55 - 136
Naphthalene	50.0	43.2		ug/L		86	64 - 135
n-Butylbenzene	50.0	47.9		ug/L		96	70 - 136
N-Propylbenzene	50.0	46.1		ug/L		92	66 - 142
o-Xylene	50.0	43.4		ug/L		87	68 - 136
4-Isopropyltoluene	50.0	46.8		ug/L		94	67 - 138
sec-Butylbenzene	50.0	47.1		ug/L		94	66 - 135
Styrene	50.0	42.4		ug/L		85	69 - 135
tert-Butylbenzene	50.0	47.6		ug/L		95	64 - 135
Tetrachloroethene	50.0	45.2		ug/L		90	63 - 131
Toluene	50.0	43.9		ug/L		88	71 - 123
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	65 - 132
trans-1,3-Dichloropropene	50.0	43.3		ug/L		87	66 - 136
Trichloroethene	50.0	44.5		ug/L		89	67 - 130
Trichlorofluoromethane	50.0	52.8		ug/L		106	62 - 147
Vinyl acetate	50.0	47.9		ug/L		96	51 - 150
Vinyl chloride	50.0	58.4		ug/L		117	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289041/1002
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: LCSD 550-289041/4
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	43.3		ug/L		87	68 - 133	5	20
1,1,1-Trichloroethane			50.0	50.9		ug/L		102	62 - 134	2	20
1,1,2,2-Tetrachloroethane			50.0	43.3		ug/L		87	60 - 135	5	20
1,1,2-Trichloroethane			50.0	42.6		ug/L		85	69 - 130	4	20
1,1-Dichloroethane			50.0	50.6		ug/L		101	65 - 132	3	20
1,1-Dichloroethene			50.0	50.8		ug/L		102	80 - 120	3	23
1,1-Dichloropropene			50.0	47.3		ug/L		95	63 - 130	4	20
1,2,3-Trichlorobenzene			50.0	42.2		ug/L		84	62 - 139	0	20
1,2,3-Trichloropropane			50.0	42.3		ug/L		85	67 - 130	2	20
1,2,4-Trichlorobenzene			50.0	42.2		ug/L		84	66 - 135	2	20
1,2,4-Trimethylbenzene			50.0	45.7		ug/L		91	70 - 134	5	20
1,2-Dibromo-3-Chloropropane			50.0	45.7		ug/L		91	58 - 133	0	21
1,2-Dibromoethane			50.0	43.4		ug/L		87	70 - 130	2	20
1,2-Dichlorobenzene			50.0	42.1		ug/L		84	70 - 130	3	20
1,2-Dichloroethane			50.0	41.6		ug/L		83	54 - 135	4	20
1,2-Dichloropropane			50.0	44.7		ug/L		89	80 - 120	4	20
1,3,5-Trimethylbenzene			50.0	44.6		ug/L		89	70 - 139	3	20
1,3-Dichlorobenzene			50.0	43.7		ug/L		87	70 - 130	4	20
1,3-Dichloropropane			50.0	43.1		ug/L		86	69 - 130	3	20
1,4-Dichlorobenzene			50.0	43.0		ug/L		86	70 - 130	4	20
2,2-Dichloropropane			50.0	51.2		ug/L		102	60 - 148	3	21
2-Butanone (MEK)			50.0	54.8		ug/L		110	50 - 150	0	34
Methyl n-butyl ketone (MNBK)			50.0	52.8		ug/L		106	50 - 148	2	29
4-Chlorotoluene			50.0	44.3		ug/L		89	70 - 130	3	20
4-Methyl-2-pentanone (MIBK)			50.0	48.7		ug/L		97	56 - 141	3	23
Acetone			50.0	56.4		ug/L		113	11 - 150	2	35
Benzene			50.0	45.5		ug/L		91	67 - 130	4	20
Bromobenzene			50.0	42.2		ug/L		84	70 - 130	3	20
Chlorobromomethane			50.0	46.9		ug/L		94	59 - 139	3	20
Dichlorobromomethane			50.0	43.4		ug/L		87	69 - 130	3	20
Bromoform			50.0	36.7		ug/L		73	67 - 140	2	20
Bromomethane			50.0	54.8		ug/L		110	10 - 150	10	31
Carbon disulfide			50.0	57.0		ug/L		114	36 - 150	3	26
Carbon tetrachloride			50.0	47.7		ug/L		95	60 - 134	4	20
Chlorobenzene			50.0	44.0		ug/L		88	70 - 130	4	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	4	29
Chloroform			50.0	47.9		ug/L		96	80 - 120	3	20
Chloromethane			50.0	44.9		ug/L		90	46 - 150	2	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289041/4
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	44.5		ug/L		89	66 - 134	3	20
Chlorodibromomethane			50.0	43.3		ug/L		87	65 - 133	3	20
Dibromomethane			50.0	42.7		ug/L		85	65 - 130	3	20
Dichlorodifluoromethane			50.0	46.2		ug/L		92	29 - 150	2	30
Ethylbenzene			50.0	46.4		ug/L		93	80 - 120	5	20
Freon 113			50.0	54.1		ug/L		108	37 - 150	3	20
Hexachlorobutadiene			50.0	49.3		ug/L		99	58 - 134	1	20
Isopropylbenzene			50.0	47.3		ug/L		95	70 - 139	2	20
m-Xylene & p-Xylene			50.0	45.8		ug/L		92	67 - 137	3	20
Methyl tert-butyl ether			50.0	46.6		ug/L		93	59 - 139	3	22
Methylene Chloride			50.0	49.5		ug/L		99	55 - 136	3	23
Naphthalene			50.0	42.7		ug/L		85	64 - 135	1	20
n-Butylbenzene			50.0	49.4		ug/L		99	70 - 136	3	20
N-Propylbenzene			50.0	47.4		ug/L		95	66 - 142	3	20
o-Xylene			50.0	45.1		ug/L		90	68 - 136	4	20
4-Isopropyltoluene			50.0	48.2		ug/L		96	67 - 138	3	20
sec-Butylbenzene			50.0	48.4		ug/L		97	66 - 135	3	20
Styrene			50.0	44.0		ug/L		88	69 - 135	4	20
tert-Butylbenzene			50.0	48.7		ug/L		97	64 - 135	2	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	2	20
Toluene			50.0	45.3		ug/L		91	71 - 123	3	20
trans-1,2-Dichloroethene			50.0	51.1		ug/L		102	65 - 132	4	20
trans-1,3-Dichloropropene			50.0	44.3		ug/L		89	66 - 136	2	20
Trichloroethene			50.0	45.7		ug/L		91	67 - 130	3	20
Trichlorofluoromethane			50.0	53.8		ug/L		108	62 - 147	2	22
Vinyl acetate			50.0	52.4		ug/L		105	51 - 150	9	29
Vinyl chloride			50.0	59.2		ug/L		118	80 - 120	1	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 14:12	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 14:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 14:12	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 14:12	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 14:12	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 14:12	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 14:12	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 14:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 14:12	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 14:12	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 14:12	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 14:12	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 14:12	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 14:12	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 14:12	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 14:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 14:12	1
Acetone	ND		20	9.8	ug/L			11/21/22 14:12	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 14:12	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 14:12	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 14:12	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 14:12	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 14:12	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 14:12	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 14:12	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 14:12	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 14:12	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 14:12	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 14:12	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 14:12	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 14:12	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 14:12	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 14:12	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 14:12	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 14:12	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 14:12	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 14:12	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 14:12	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 14:12	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 14:12	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 14:12	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 14:12	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 14:12	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 14:12	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 14:12	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 14:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 14:12	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 14:12	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 14:12	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 14:12	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 14:12	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 14:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/21/22 14:12*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/21/22 14:12*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/21/22 14:12*	*1*

Lab Sample ID: LCS 550-289135/3
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L		95	68 - 133
1,1,1-Trichloroethane	50.0	47.0		ug/L		94	62 - 134
1,1,2,2-Tetrachloroethane	50.0	42.8		ug/L		86	60 - 135
1,1,2-Trichloroethane	50.0	41.6		ug/L		83	69 - 130
1,1-Dichloroethane	50.0	41.6		ug/L		83	65 - 132
1,1-Dichloroethene	50.0	47.4		ug/L		95	80 - 120
1,1-Dichloropropene	50.0	49.7		ug/L		99	63 - 130
1,2,3-Trichlorobenzene	50.0	48.6		ug/L		97	62 - 139
1,2,3-Trichloropropane	50.0	46.2		ug/L		92	67 - 130
1,2,4-Trichlorobenzene	50.0	46.5		ug/L		93	66 - 135
1,2,4-Trimethylbenzene	50.0	46.4		ug/L		93	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	58 - 133
1,2-Dibromoethane	50.0	40.9		ug/L		82	70 - 130
1,2-Dichlorobenzene	50.0	44.1		ug/L		88	70 - 130
1,2-Dichloroethane	50.0	42.4		ug/L		85	54 - 135
1,2-Dichloropropane	50.0	41.5		ug/L		83	80 - 120
1,3,5-Trimethylbenzene	50.0	49.9		ug/L		100	70 - 139
1,3-Dichlorobenzene	50.0	43.1		ug/L		86	70 - 130
1,3-Dichloropropane	50.0	40.8		ug/L		82	69 - 130
1,4-Dichlorobenzene	50.0	42.3		ug/L		85	70 - 130
2,2-Dichloropropane	50.0	47.0		ug/L		94	60 - 148
2-Butanone (MEK)	50.0	39.7		ug/L		79	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	36.0		ug/L		72	50 - 148
4-Chlorotoluene	50.0	40.9		ug/L		82	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	42.3		ug/L		85	56 - 141
Acetone	50.0	42.2		ug/L		84	11 - 150
Benzene	50.0	40.9		ug/L		82	67 - 130
Bromobenzene	50.0	44.5		ug/L		89	70 - 130
Chlorobromomethane	50.0	43.5		ug/L		87	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289135/3
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	39.8		ug/L		80	69 - 130
Bromoform	50.0	39.5		ug/L		79	67 - 140
Bromomethane	50.0	54.2		ug/L		108	10 - 150
Carbon disulfide	50.0	46.9		ug/L		94	36 - 150
Carbon tetrachloride	50.0	50.7		ug/L		101	60 - 134
Chlorobenzene	50.0	42.5		ug/L		85	70 - 130
Chloroethane	50.0	51.6		ug/L		103	57 - 150
Chloroform	50.0	40.4		ug/L		81	80 - 120
Chloromethane	50.0	42.7		ug/L		85	46 - 150
cis-1,2-Dichloroethene	50.0	42.5		ug/L		85	64 - 130
cis-1,3-Dichloropropene	50.0	40.7		ug/L		81	66 - 134
Chlorodibromomethane	50.0	43.1		ug/L		86	65 - 133
Dibromomethane	50.0	42.5		ug/L		85	65 - 130
Dichlorodifluoromethane	50.0	52.7		ug/L		105	29 - 150
Ethylbenzene	50.0	43.0		ug/L		86	80 - 120
Freon 113	50.0	56.1		ug/L		112	37 - 150
Hexachlorobutadiene	50.0	53.6		ug/L		107	58 - 134
Isopropylbenzene	50.0	52.3		ug/L		105	70 - 139
m-Xylene & p-Xylene	50.0	46.8		ug/L		94	67 - 137
Methyl tert-butyl ether	50.0	44.2		ug/L		88	59 - 139
Methylene Chloride	50.0	45.2		ug/L		90	55 - 136
Naphthalene	50.0	46.9		ug/L		94	64 - 135
n-Butylbenzene	50.0	47.0		ug/L		94	70 - 136
N-Propylbenzene	50.0	46.9		ug/L		94	66 - 142
o-Xylene	50.0	48.6		ug/L		97	68 - 136
4-Isopropyltoluene	50.0	52.0		ug/L		104	67 - 138
sec-Butylbenzene	50.0	54.5		ug/L		109	66 - 135
Styrene	50.0	42.4		ug/L		85	69 - 135
tert-Butylbenzene	50.0	46.0		ug/L		92	64 - 135
Tetrachloroethene	50.0	49.8		ug/L		100	63 - 131
Toluene	50.0	43.2		ug/L		86	71 - 123
trans-1,2-Dichloroethene	50.0	43.3		ug/L		87	65 - 132
trans-1,3-Dichloropropene	50.0	40.6		ug/L		81	66 - 136
Trichloroethene	50.0	47.3		ug/L		95	67 - 130
Trichlorofluoromethane	50.0	56.2		ug/L		112	62 - 147
Vinyl acetate	50.0	40.7		ug/L		81	51 - 150
Vinyl chloride	50.0	49.4		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289135/4
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	43.8		ug/L		88	68 - 133	8	20
1,1,1-Trichloroethane	50.0	45.0		ug/L		90	62 - 134	4	20
1,1,2,2-Tetrachloroethane	50.0	42.8		ug/L		86	60 - 135	0	20
1,1,2-Trichloroethane	50.0	40.7		ug/L		81	69 - 130	2	20
1,1-Dichloroethane	50.0	40.8		ug/L		82	65 - 132	2	20
1,1-Dichloroethene	50.0	44.6		ug/L		89	80 - 120	6	23
1,1-Dichloropropene	50.0	46.0		ug/L		92	63 - 130	8	20
1,2,3-Trichlorobenzene	50.0	48.5		ug/L		97	62 - 139	0	20
1,2,3-Trichloropropane	50.0	46.5		ug/L		93	67 - 130	0	20
1,2,4-Trichlorobenzene	50.0	47.0		ug/L		94	66 - 135	1	20
1,2,4-Trimethylbenzene	50.0	47.6		ug/L		95	70 - 134	2	20
1,2-Dibromo-3-Chloropropane	50.0	43.6		ug/L		87	58 - 133	3	21
1,2-Dibromoethane	50.0	39.9		ug/L		80	70 - 130	2	20
1,2-Dichlorobenzene	50.0	45.0		ug/L		90	70 - 130	2	20
1,2-Dichloroethane	50.0	40.7		ug/L		81	54 - 135	4	20
1,2-Dichloropropane	50.0	39.2	*-	ug/L		78	80 - 120	6	20
1,3,5-Trimethylbenzene	50.0	51.3		ug/L		103	70 - 139	3	20
1,3-Dichlorobenzene	50.0	44.2		ug/L		88	70 - 130	3	20
1,3-Dichloropropane	50.0	40.5		ug/L		81	69 - 130	1	20
1,4-Dichlorobenzene	50.0	42.8		ug/L		86	70 - 130	1	20
2,2-Dichloropropane	50.0	44.9		ug/L		90	60 - 148	4	21
2-Butanone (MEK)	50.0	37.6		ug/L		75	50 - 150	5	34
Methyl n-butyl ketone (MNBK)	50.0	34.3		ug/L		69	50 - 148	5	29
4-Chlorotoluene	50.0	43.1		ug/L		86	70 - 130	5	20
4-Methyl-2-pentanone (MIBK)	50.0	38.0		ug/L		76	56 - 141	11	23
Acetone	50.0	38.3		ug/L		77	11 - 150	10	35
Benzene	50.0	38.3		ug/L		77	67 - 130	6	20
Bromobenzene	50.0	46.3		ug/L		93	70 - 130	4	20
Chlorobromomethane	50.0	43.2		ug/L		86	59 - 139	1	20
Dichlorobromomethane	50.0	38.3		ug/L		77	69 - 130	4	20
Bromoform	50.0	40.6		ug/L		81	67 - 140	3	20
Bromomethane	50.0	51.2		ug/L		102	10 - 150	6	31
Carbon disulfide	50.0	43.7		ug/L		87	36 - 150	7	26
Carbon tetrachloride	50.0	44.5		ug/L		89	60 - 134	13	20
Chlorobenzene	50.0	42.1		ug/L		84	70 - 130	1	20
Chloroethane	50.0	47.8		ug/L		96	57 - 150	7	29
Chloroform	50.0	40.8		ug/L		82	80 - 120	1	20
Chloromethane	50.0	39.2		ug/L		78	46 - 150	8	30
cis-1,2-Dichloroethene	50.0	39.1		ug/L		78	64 - 130	8	20
cis-1,3-Dichloropropene	50.0	39.8		ug/L		80	66 - 134	2	20
Chlorodibromomethane	50.0	41.4		ug/L		83	65 - 133	4	20
Dibromomethane	50.0	39.3		ug/L		79	65 - 130	8	20
Dichlorodifluoromethane	50.0	44.5		ug/L		89	29 - 150	17	30
Ethylbenzene	50.0	41.5		ug/L		83	80 - 120	4	20
Freon 113	50.0	52.1		ug/L		104	37 - 150	7	20
Hexachlorobutadiene	50.0	54.6		ug/L		109	58 - 134	2	20
Isopropylbenzene	50.0	53.5		ug/L		107	70 - 139	2	20
m-Xylene & p-Xylene	50.0	50.2		ug/L		100	67 - 137	7	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289135/4
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	42.5		ug/L		85	59 - 139	4	22
Methylene Chloride			50.0	43.5		ug/L		87	55 - 136	4	23
Naphthalene			50.0	46.1		ug/L		92	64 - 135	2	20
n-Butylbenzene			50.0	47.5		ug/L		95	70 - 136	1	20
N-Propylbenzene			50.0	48.2		ug/L		96	66 - 142	3	20
o-Xylene			50.0	50.8		ug/L		102	68 - 136	4	20
4-Isopropyltoluene			50.0	52.8		ug/L		106	67 - 138	2	20
sec-Butylbenzene			50.0	54.7		ug/L		109	66 - 135	0	20
Styrene			50.0	45.9		ug/L		92	69 - 135	8	20
tert-Butylbenzene			50.0	46.7		ug/L		93	64 - 135	1	20
Tetrachloroethene			50.0	47.8		ug/L		96	63 - 131	4	20
Toluene			50.0	41.4		ug/L		83	71 - 123	4	20
trans-1,2-Dichloroethene			50.0	42.3		ug/L		85	65 - 132	2	20
trans-1,3-Dichloropropene			50.0	40.0		ug/L		80	66 - 136	2	20
Trichloroethene			50.0	44.7		ug/L		89	67 - 130	6	20
Trichlorofluoromethane			50.0	52.4		ug/L		105	62 - 147	7	22
Vinyl acetate			50.0	38.5		ug/L		77	51 - 150	5	29
Vinyl chloride			50.0	45.6		ug/L		91	80 - 120	8	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193487-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193487-1	M-15_11-2022	Total/NA	Water	8260B	
550-193487-2	R-13_I2_11-2022	Total/NA	Water	8260B	
550-193487-4	R-32_I1_11-2022	Total/NA	Water	8260B	
MB 550-288978/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288978/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288978/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193487-1 MS	M-15_11-2022	Total/NA	Water	8260B	
550-193487-1 MSD	M-15_11-2022	Total/NA	Water	8260B	

Analysis Batch: 289041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193487-5	EWMW-4B_11-2022	Total/NA	Water	8260B	
550-193487-7	M-915_11-2022	Total/NA	Water	8260B	
MB 550-289041/6	Method Blank	Total/NA	Water	8260B	
LCS 550-289041/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-289041/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 289135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193487-3	BC-5_11-2022	Total/NA	Water	8260B	
550-193487-6	BC-6_11-2022	Total/NA	Water	8260B	
550-193487-8	BC-96_11-2022	Total/NA	Water	8260B	
550-193487-9	TB-07_11-2022	Total/NA	Water	8260B	
MB 550-289135/6	Method Blank	Total/NA	Water	8260B	
LCS 550-289135/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-289135/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Client Sample ID: M-15_11-2022
Date Collected: 11/08/22 11:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288978	JHU	EET PHX	11/18/22 16:03

Client Sample ID: R-13_I2_11-2022
Date Collected: 11/08/22 12:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288978	JHU	EET PHX	11/18/22 19:11

Client Sample ID: BC-5_11-2022
Date Collected: 11/09/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 18:53

Client Sample ID: R-32_I1_11-2022
Date Collected: 11/08/22 11:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288978	JHU	EET PHX	11/18/22 19:32

Client Sample ID: EWMW-4B_11-2022
Date Collected: 11/08/22 10:14
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289041	R1K	EET PHX	11/19/22 04:57

Client Sample ID: BC-6_11-2022
Date Collected: 11/09/22 10:50
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 19:19

Client Sample ID: M-915_11-2022
Date Collected: 11/08/22 09:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193487-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289041	R1K	EET PHX	11/19/22 05:18

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Client Sample ID: BC-96_11-2022

Lab Sample ID: 550-193487-8

Date Collected: 11/09/22 09:45

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 19:41

Client Sample ID: TB-07_11-2022

Lab Sample ID: 550-193487-9

Date Collected: 11/09/22 13:45

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 20:03

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193487-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193487-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193487-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193487-1	M-15_11-2022	Water	11/08/22 11:05	11/10/22 10:30
550-193487-2	R-13_I2_11-2022	Water	11/08/22 12:30	11/10/22 10:30
550-193487-3	BC-5_11-2022	Water	11/09/22 12:05	11/10/22 10:30
550-193487-4	R-32_I1_11-2022	Water	11/08/22 11:55	11/10/22 10:30
550-193487-5	EWMW-4B_11-2022	Water	11/08/22 10:14	11/10/22 10:30
550-193487-6	BC-6_11-2022	Water	11/09/22 10:50	11/10/22 10:30
550-193487-7	M-915_11-2022	Water	11/08/22 09:45	11/10/22 10:30
550-193487-8	BC-96_11-2022	Water	11/09/22 09:45	11/10/22 10:30
550-193487-9	TB-07_11-2022	Water	11/09/22 13:45	11/10/22 10:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288978

Lab Sample ID: LCSD 550-288978/4 Client Sample ID:

Date Analyzed: 11/18/22 11:09 Lab File ID: 11182204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.49	Split Peak	NWW4	11/18/22 15:12

Lab Sample ID: 550-193487-1 Client Sample ID: M-15_11-2022

Date Analyzed: 11/18/22 16:03 Lab File ID: 11182216.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 16:13
Bromomethane		Invalid Compound ID	kandeer	11/20/22 16:12

Lab Sample ID: 550-193487-2 Client Sample ID: R-13_I2_11-2022

Date Analyzed: 11/18/22 19:11 Lab File ID: 11182225.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	kandeer	11/20/22 16:22
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 16:22
Bromomethane		Invalid Compound ID	kandeer	11/20/22 16:22

Lab Sample ID: 550-193487-4 Client Sample ID: R-32_I1_11-2022

Date Analyzed: 11/18/22 19:32 Lab File ID: 11182226.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 16:23
Bromomethane		Invalid Compound ID	kandeer	11/20/22 16:23
Chloromethane		Invalid Compound ID	kandeer	11/20/22 16:23

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 289041

Lab Sample ID: MB 550-289041/6 Client Sample ID:

Date Analyzed: 11/18/22 23:22 Lab File ID: 11182237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 17:02
Bromomethane		Invalid Compound ID	kandeer	11/20/22 17:01
Vinyl acetate		Invalid Compound ID	kandeer	11/20/22 17:02

Lab Sample ID: 550-193487-5 Client Sample ID: EWMW-4B_11-2022

Date Analyzed: 11/19/22 04:57 Lab File ID: 11182253.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	2.04	Incomplete Integration	kandeer	11/20/22 17:17
2-Butanone (MEK)	6.10	Incomplete Integration	kandeer	11/20/22 17:17
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 17:18
Bromomethane		Invalid Compound ID	kandeer	11/20/22 17:17
trans-1,3-Dichloropropene		Invalid Compound ID	kandeer	11/20/22 17:17

Lab Sample ID: 550-193487-7 Client Sample ID: M-915_11-2022

Date Analyzed: 11/19/22 05:18 Lab File ID: 11182254.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 17:18
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 17:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: STD1 550-288994/4 IC Client Sample ID:

Date Analyzed: 11/18/22 11:07 Lab File ID: 11182204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	2.55	Peak assignment corrected	DOM1	11/18/22 14:41
Iodomethane	3.70	Peak assignment corrected	DOM1	11/18/22 14:41
Hexane	5.15	Peak assignment corrected	DOM1	11/18/22 14:42
Isopropyl ether	5.43	Peak assignment corrected	DOM1	11/18/22 14:42
Chloroform	6.49	Peak assignment corrected	DOM1	11/18/22 14:42
Dibromofluoromethane (Surr)	6.65	Peak assignment corrected	DOM1	11/18/22 14:41
1,2-Dichloroethane	7.08	Peak assignment corrected	DOM1	11/18/22 14:42
Dibromomethane	7.99	Peak assignment corrected	DOM1	11/18/22 14:43
cis-1,3-Dichloropropene	8.53	Peak assignment corrected	DOM1	11/18/22 14:43
1,1,2-Trichloroethane	9.18	Peak assignment corrected	DOM1	11/18/22 14:43
1,3-Dichloropropane	9.31	Peak assignment corrected	DOM1	11/18/22 14:43
Bromoform	10.65	Peak assignment corrected	DOM1	11/18/22 14:43
1,1,2,2-Tetrachloroethane	11.00	Peak assignment corrected	DOM1	11/18/22 14:43

Lab Sample ID: STD2 550-288994/5 IC Client Sample ID:

Date Analyzed: 11/18/22 11:29 Lab File ID: 11182205.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.76	Split Peak	DOM1	11/18/22 14:53
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:53
Ethanol	3.04	Split Peak	DOM1	11/18/22 14:53
Tetrahydrofuran	6.36	Split Peak	DOM1	11/18/22 14:54
Dibromofluoromethane (Surr)	6.65	Peak assignment corrected	DOM1	11/18/22 14:53
2-Chloroethyl vinyl ether	8.40	Split Peak	DOM1	11/18/22 14:54
4-Methyl-2-pentanone (MIBK)	8.65	Split Peak	DOM1	11/18/22 14:54
1,1,2,2-Tetrachloroethane	11.00	Split Peak	DOM1	11/18/22 14:55
1,2,3-Trichloropropane	11.04	Split Peak	DOM1	11/18/22 14:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: STD3 550-288994/6 IC Client Sample ID:

Date Analyzed: 11/18/22 11:51 Lab File ID: 11182206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Split Peak	DOM1	11/18/22 14:51
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:51
2-Chloroethyl vinyl ether	8.40	Split Peak	DOM1	11/18/22 14:52
Methyl n-butyl ketone (MNBK)	9.35	Split Peak	DOM1	11/18/22 14:52
trans-1,4-Dichloro-2-butene	11.02	Split Peak	DOM1	11/18/22 14:52

Lab Sample ID: STD4 550-288994/7 IC Client Sample ID:

Date Analyzed: 11/18/22 12:13 Lab File ID: 11182207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:50
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:50

Lab Sample ID: STD5 550-288994/8 IC Client Sample ID:

Date Analyzed: 11/18/22 12:34 Lab File ID: 11182208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.46	Split Peak	DOM1	11/18/22 14:58
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:49
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:49

Lab Sample ID: STD6 550-288994/9 IC Client Sample ID:

Date Analyzed: 11/18/22 12:56 Lab File ID: 11182209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:48
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: ICIS 550-288994/10 Client Sample ID:

Date Analyzed: 11/18/22 13:18 Lab File ID: 11182210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Split Peak	DOM1	11/18/22 14:44
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:44

Lab Sample ID: STD8 550-288994/11 IC Client Sample ID:

Date Analyzed: 11/18/22 13:40 Lab File ID: 11182211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:45
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:46

Lab Sample ID: STD9 550-288994/12 IC Client Sample ID:

Date Analyzed: 11/18/22 14:01 Lab File ID: 11182212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.82	Split Peak	DOM1	11/18/22 14:46
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:47

Lab Sample ID: ICV 550-288994/17 Client Sample ID:

Date Analyzed: 11/18/22 16:14 Lab File ID: 11182217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.82	Split Peak	DOM1	11/18/22 17:04
Ethanol	3.05	Split Peak	DOM1	11/18/22 17:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 289135

Lab Sample ID: CCVIS 550-289135/2 Client Sample ID:

Date Analyzed: 11/21/22 12:45 Lab File ID: 11212209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.76	Incomplete Integration	NWW4	11/21/22 13:14
Trichlorofluoromethane	2.82	Incomplete Integration	NWW4	11/21/22 13:15
Ethanol	3.05	Incomplete Integration	kandeer	11/22/22 10:20

Lab Sample ID: LCS 550-289135/3 Client Sample ID:

Date Analyzed: 11/21/22 13:06 Lab File ID: 11212210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Incomplete Integration	NWW4	11/21/22 13:44

Lab Sample ID: LCSD 550-289135/4 Client Sample ID:

Date Analyzed: 11/21/22 13:28 Lab File ID: 11212211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Incomplete Integration	kandeer	11/22/22 10:25

Lab Sample ID: 550-193487-6 Client Sample ID: BC-6_11-2022

Date Analyzed: 11/21/22 19:19 Lab File ID: 11212227.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/22/22 10:37

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_2.5ppmPS_00803	11/23/22	11/16/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00896	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00203	11/23/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00203	11/23/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_BFB 25ppm_00150							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00151							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_EtOH/TBA2_00221	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00224	12/16/22	11/16/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00110	12/09/22	11/09/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00223	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_IS_00126	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	2500 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_ISRE_00324	12/15/22	11/15/22	Methanol, Lot 2647732	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22	AccuStandard, Lot 222071048			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23	absolute, Lot 072821			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22	Restek, Lot A0182212			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
MV_Wk ICV_00441	11/24/22	11/10/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00108	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00130	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00347	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00108	05/10/23		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00130	01/29/23	AccuStandard, Lot 222091397			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23	absolute, Lot 072821			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00347	11/24/22	Restek, Lot A0186584			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rxi-624Sil ID: 0.25(mm) GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	DBFM #	TOL #	TOL #	BFB #	BFB #
M-15_11-2022	550-193487-1		94		85		78
R-13_I2_11-2022	550-193487-2		92		86		79
BC-5_11-2022	550-193487-3	100		86		74	
R-32_I1_11-2022	550-193487-4		93		85		79
EWMW-4B_11-2022	550-193487-5		93		83		80
BC-6_11-2022	550-193487-6	105		91		74	
M-915_11-2022	550-193487-7		95		85		81
BC-96_11-2022	550-193487-8	99		86		74	
TB-07_11-2022	550-193487-9	95		84		76	
	MB 550-288978/6		92		86		78
	MB 550-289041/6		87		90		81
	MB 550-289135/6	94		89		77	
	LCS 550-288978/1002		117		106		99
	LCS 550-289041/1002		93		88		83
	LCS 550-289135/3	88		88		85	
	LCSD 550-288978/4		124		111		103
	LCSD 550-289041/4		94		90		84
	LCSD 550-289135/4	88		86		88	
M-15_11-2022 MS	550-193487-1 MS		127		113		103
M-15_11-2022 MSD	550-193487-1 MSD		125		110		102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182203-LCS.d

Lab ID: LCS 550-288978/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	51.5	103	68-133	
1,1,1-Trichloroethane	50.0	57.9	116	62-134	
1,1,2,2-Tetrachloroethane	50.0	47.3	95	60-135	
1,1,2-Trichloroethane	50.0	50.8	102	69-130	
1,1-Dichloroethane	50.0	60.8	122	65-132	
1,1-Dichloroethene	50.0	57.6	115	80-120	
1,1-Dichloropropene	50.0	52.7	105	63-130	
1,2,3-Trichlorobenzene	50.0	50.7	101	62-139	
1,2,3-Trichloropropane	50.0	44.6	89	67-130	
1,2,4-Trichlorobenzene	50.0	53.2	106	66-135	
1,2,4-Trimethylbenzene	50.0	52.1	104	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.9	94	58-133	
1,2-Dibromoethane	50.0	51.0	102	70-130	
1,2-Dichlorobenzene	50.0	49.2	98	70-130	
1,2-Dichloroethane	50.0	49.9	100	54-135	
1,2-Dichloropropane	50.0	53.2	106	80-120	
1,3,5-Trimethylbenzene	50.0	50.3	101	70-139	
1,3-Dichlorobenzene	50.0	50.5	101	70-130	
1,3-Dichloropropane	50.0	51.8	104	69-130	
1,4-Dichlorobenzene	50.0	50.0	100	70-130	
2,2-Dichloropropane	50.0	62.9	126	60-148	
2-Butanone (MEK)	50.0	60.7	121	50-150	
Methyl n-butyl ketone (MNBK)	50.0	57.7	115	50-148	
4-Chlorotoluene	50.0	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	54.9	110	56-141	
Acetone	50.0	57.1	114	11-150	
Benzene	50.0	52.8	106	67-130	
Bromobenzene	50.0	48.3	97	70-130	
Chlorobromomethane	50.0	57.8	116	59-139	
Dichlorobromomethane	50.0	51.5	103	69-130	
Bromoform	50.0	38.2	76	67-140	
Bromomethane	50.0	56.1	112	10-150	
Carbon disulfide	50.0	65.1	130	36-150	
Carbon tetrachloride	50.0	51.2	102	60-134	
Chlorobenzene	50.0	51.9	104	70-130	
Chloroethane	50.0	67.7	135	57-150	
Chloroform	50.0	58.5	117	80-120	
Chloromethane	50.0	55.5	111	46-150	
cis-1,2-Dichloroethene	50.0	52.7	105	64-130	
cis-1,3-Dichloropropene	50.0	52.8	106	66-134	
Chlorodibromomethane	50.0	49.5	99	65-133	
Dibromomethane	50.0	50.5	101	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182203-LCS.d

Lab ID: LCS 550-288978/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	51.2	102	29-150	
Ethylbenzene	50.0	53.4	107	80-120	
Freon 113	50.0	58.7	117	37-150	
Hexachlorobutadiene	50.0	55.8	112	58-134	
Isopropylbenzene	50.0	50.8	102	70-139	
m-Xylene & p-Xylene	50.0	50.4	101	67-137	
Methyl tert-butyl ether	50.0	58.9	118	59-139	
Methylene Chloride	50.0	58.9	118	55-136	
Naphthalene	50.0	48.2	96	64-135	
n-Butylbenzene	50.0	55.4	111	70-136	
N-Propylbenzene	50.0	50.9	102	66-142	
o-Xylene	50.0	50.1	100	68-136	
4-Isopropyltoluene	50.0	53.9	108	67-138	
sec-Butylbenzene	50.0	52.1	104	66-135	
Styrene	50.0	49.8	100	69-135	
tert-Butylbenzene	50.0	52.2	104	64-135	
Tetrachloroethene	50.0	52.1	104	63-131	
Toluene	50.0	52.9	106	71-123	
trans-1,2-Dichloroethene	50.0	59.3	119	65-132	
trans-1,3-Dichloropropene	50.0	53.2	106	66-136	
Trichloroethene	50.0	52.0	104	67-130	
Trichlorofluoromethane	50.0	59.4	119	62-147	
Vinyl acetate	50.0	65.7	131	51-150	
Vinyl chloride	50.0	70.4	141	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182234-LCS.d

Lab ID: LCS 550-289041/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	41.2	82	68-133	
1,1,1-Trichloroethane	50.0	49.7	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	41.3	83	60-135	
1,1,2-Trichloroethane	50.0	41.1	82	69-130	
1,1-Dichloroethane	50.0	49.0	98	65-132	
1,1-Dichloroethene	50.0	49.5	99	80-120	
1,1-Dichloropropene	50.0	45.6	91	63-130	
1,2,3-Trichlorobenzene	50.0	42.2	84	62-139	
1,2,3-Trichloropropane	50.0	41.5	83	67-130	
1,2,4-Trichlorobenzene	50.0	43.1	86	66-135	
1,2,4-Trimethylbenzene	50.0	43.6	87	70-134	
1,2-Dibromo-3-Chloropropane	50.0	45.8	92	58-133	
1,2-Dibromoethane	50.0	42.3	85	70-130	
1,2-Dichlorobenzene	50.0	40.9	82	70-130	
1,2-Dichloroethane	50.0	40.0	80	54-135	
1,2-Dichloropropane	50.0	42.8	86	80-120	
1,3,5-Trimethylbenzene	50.0	43.1	86	70-139	
1,3-Dichlorobenzene	50.0	42.0	84	70-130	
1,3-Dichloropropane	50.0	41.9	84	69-130	
1,4-Dichlorobenzene	50.0	41.5	83	70-130	
2,2-Dichloropropane	50.0	49.6	99	60-148	
2-Butanone (MEK)	50.0	55.0	110	50-150	
Methyl n-butyl ketone (MNBK)	50.0	51.8	104	50-148	
4-Chlorotoluene	50.0	43.0	86	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	47.5	95	56-141	
Acetone	50.0	57.7	115	11-150	
Benzene	50.0	43.8	88	67-130	
Bromobenzene	50.0	40.8	82	70-130	
Chlorobromomethane	50.0	45.6	91	59-139	
Dichlorobromomethane	50.0	41.9	84	69-130	
Bromoform	50.0	35.9	72	67-140	
Bromomethane	50.0	49.3	99	10-150	
Carbon disulfide	50.0	55.2	110	36-150	
Carbon tetrachloride	50.0	46.0	92	60-134	
Chlorobenzene	50.0	42.2	84	70-130	
Chloroethane	50.0	55.4	111	57-150	
Chloroform	50.0	46.4	93	80-120	
Chloromethane	50.0	44.1	88	46-150	
cis-1,2-Dichloroethene	50.0	43.6	87	64-130	
cis-1,3-Dichloropropene	50.0	42.9	86	66-134	
Chlorodibromomethane	50.0	42.1	84	65-133	
Dibromomethane	50.0	41.5	83	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182234-LCS.d

Lab ID: LCS 550-289041/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	45.1	90	29-150	
Ethylbenzene	50.0	44.4	89	80-120	
Freon 113	50.0	52.6	105	37-150	
Hexachlorobutadiene	50.0	49.7	99	58-134	
Isopropylbenzene	50.0	46.5	93	70-139	
m-Xylene & p-Xylene	50.0	44.3	89	67-137	
Methyl tert-butyl ether	50.0	45.4	91	59-139	
Methylene Chloride	50.0	48.1	96	55-136	
Naphthalene	50.0	43.2	86	64-135	
n-Butylbenzene	50.0	47.9	96	70-136	
N-Propylbenzene	50.0	46.1	92	66-142	
o-Xylene	50.0	43.4	87	68-136	
4-Isopropyltoluene	50.0	46.8	94	67-138	
sec-Butylbenzene	50.0	47.1	94	66-135	
Styrene	50.0	42.4	85	69-135	
tert-Butylbenzene	50.0	47.6	95	64-135	
Tetrachloroethene	50.0	45.2	90	63-131	
Toluene	50.0	43.9	88	71-123	
trans-1,2-Dichloroethene	50.0	49.3	99	65-132	
trans-1,3-Dichloropropene	50.0	43.3	87	66-136	
Trichloroethene	50.0	44.5	89	67-130	
Trichlorofluoromethane	50.0	52.8	106	62-147	
Vinyl acetate	50.0	47.9	96	51-150	
Vinyl chloride	50.0	58.4	117	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212210.D

Lab ID: LCS 550-289135/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	47.6	95	68-133	
1,1,1-Trichloroethane	50.0	47.0	94	62-134	
1,1,2,2-Tetrachloroethane	50.0	42.8	86	60-135	
1,1,2-Trichloroethane	50.0	41.6	83	69-130	
1,1-Dichloroethane	50.0	41.6	83	65-132	
1,1-Dichloroethene	50.0	47.4	95	80-120	
1,1-Dichloropropene	50.0	49.7	99	63-130	
1,2,3-Trichlorobenzene	50.0	48.6	97	62-139	
1,2,3-Trichloropropane	50.0	46.2	92	67-130	
1,2,4-Trichlorobenzene	50.0	46.5	93	66-135	
1,2,4-Trimethylbenzene	50.0	46.4	93	70-134	
1,2-Dibromo-3-Chloropropane	50.0	44.8	90	58-133	
1,2-Dibromoethane	50.0	40.9	82	70-130	
1,2-Dichlorobenzene	50.0	44.1	88	70-130	
1,2-Dichloroethane	50.0	42.4	85	54-135	
1,2-Dichloropropane	50.0	41.5	83	80-120	
1,3,5-Trimethylbenzene	50.0	49.9	100	70-139	
1,3-Dichlorobenzene	50.0	43.1	86	70-130	
1,3-Dichloropropane	50.0	40.8	82	69-130	
1,4-Dichlorobenzene	50.0	42.3	85	70-130	
2,2-Dichloropropane	50.0	47.0	94	60-148	
2-Butanone (MEK)	50.0	39.7	79	50-150	
Methyl n-butyl ketone (MNBK)	50.0	36.0	72	50-148	
4-Chlorotoluene	50.0	40.9	82	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	42.3	85	56-141	
Acetone	50.0	42.2	84	11-150	
Benzene	50.0	40.9	82	67-130	
Bromobenzene	50.0	44.5	89	70-130	
Chlorobromomethane	50.0	43.5	87	59-139	
Dichlorobromomethane	50.0	39.8	80	69-130	
Bromoform	50.0	39.5	79	67-140	
Bromomethane	50.0	54.2	108	10-150	
Carbon disulfide	50.0	46.9	94	36-150	
Carbon tetrachloride	50.0	50.7	101	60-134	
Chlorobenzene	50.0	42.5	85	70-130	
Chloroethane	50.0	51.6	103	57-150	
Chloroform	50.0	40.4	81	80-120	
Chloromethane	50.0	42.7	85	46-150	
cis-1,2-Dichloroethene	50.0	42.5	85	64-130	
cis-1,3-Dichloropropene	50.0	40.7	81	66-134	
Chlorodibromomethane	50.0	43.1	86	65-133	
Dibromomethane	50.0	42.5	85	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212210.D

Lab ID: LCS 550-289135/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.7	105	29-150	
Ethylbenzene	50.0	43.0	86	80-120	
Freon 113	50.0	56.1	112	37-150	
Hexachlorobutadiene	50.0	53.6	107	58-134	
Isopropylbenzene	50.0	52.3	105	70-139	
m-Xylene & p-Xylene	50.0	46.8	94	67-137	
Methyl tert-butyl ether	50.0	44.2	88	59-139	
Methylene Chloride	50.0	45.2	90	55-136	
Naphthalene	50.0	46.9	94	64-135	
n-Butylbenzene	50.0	47.0	94	70-136	
N-Propylbenzene	50.0	46.9	94	66-142	
o-Xylene	50.0	48.6	97	68-136	
4-Isopropyltoluene	50.0	52.0	104	67-138	
sec-Butylbenzene	50.0	54.5	109	66-135	
Styrene	50.0	42.4	85	69-135	
tert-Butylbenzene	50.0	46.0	92	64-135	
Tetrachloroethene	50.0	49.8	100	63-131	
Toluene	50.0	43.2	86	71-123	
trans-1,2-Dichloroethene	50.0	43.3	87	65-132	
trans-1,3-Dichloropropene	50.0	40.6	81	66-136	
Trichloroethene	50.0	47.3	95	67-130	
Trichlorofluoromethane	50.0	56.2	112	62-147	
Vinyl acetate	50.0	40.7	81	51-150	
Vinyl chloride	50.0	49.4	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182204.D

Lab ID: LCSD 550-288978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	54.8	110	6	20	68-133	
1,1,1-Trichloroethane	50.0	61.2	122	6	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	52.3	105	10	20	60-135	
1,1,2-Trichloroethane	50.0	55.8	112	9	20	69-130	
1,1-Dichloroethane	50.0	63.7	127	5	20	65-132	
1,1-Dichloroethene	50.0	60.5	121	5	23	80-120	*+
1,1-Dichloropropene	50.0	55.8	112	6	20	63-130	
1,2,3-Trichlorobenzene	50.0	53.5	107	5	20	62-139	
1,2,3-Trichloropropane	50.0	49.5	99	11	20	67-130	
1,2,4-Trichlorobenzene	50.0	54.7	109	3	20	66-135	
1,2,4-Trimethylbenzene	50.0	53.0	106	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	54.9	110	16	21	58-133	
1,2-Dibromoethane	50.0	56.5	113	10	20	70-130	
1,2-Dichlorobenzene	50.0	51.1	102	4	20	70-130	
1,2-Dichloroethane	50.0	54.6	109	9	20	54-135	
1,2-Dichloropropane	50.0	57.5	115	8	20	80-120	
1,3,5-Trimethylbenzene	50.0	51.4	103	2	20	70-139	
1,3-Dichlorobenzene	50.0	52.1	104	3	20	70-130	
1,3-Dichloropropane	50.0	56.1	112	8	20	69-130	
1,4-Dichlorobenzene	50.0	51.8	104	4	20	70-130	
2,2-Dichloropropane	50.0	65.7	131	4	21	60-148	
2-Butanone (MEK)	50.0	70.8	142	15	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	69.3	139	18	29	50-148	
4-Chlorotoluene	50.0	52.2	104	3	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	63.6	127	15	23	56-141	
Acetone	50.0	67.7	135	17	35	11-150	
Benzene	50.0	55.9	112	6	20	67-130	
Bromobenzene	50.0	50.7	101	5	20	70-130	
Chlorobromomethane	50.0	61.7	123	7	20	59-139	
Dichlorobromomethane	50.0	56.0	112	8	20	69-130	
Bromoform	50.0	43.1	86	12	20	67-140	
Bromomethane	50.0	60.3	121	7	31	10-150	
Carbon disulfide	50.0	68.6	137	5	26	36-150	
Carbon tetrachloride	50.0	54.7	109	7	20	60-134	
Chlorobenzene	50.0	54.9	110	6	20	70-130	
Chloroethane	50.0	71.0	142	5	29	57-150	
Chloroform	50.0	61.8	124	5	20	80-120	*+
Chloromethane	50.0	59.4	119	7	30	46-150	
cis-1,2-Dichloroethene	50.0	55.8	112	6	20	64-130	
cis-1,3-Dichloropropene	50.0	58.1	116	10	20	66-134	
Chlorodibromomethane	50.0	55.3	111	11	20	65-133	
Dibromomethane	50.0	55.1	110	9	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182204.D

Lab ID: LCSD 550-288978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	5	30	29-150	
Ethylbenzene	50.0	56.4	113	5	20	80-120	
Freon 113	50.0	61.2	122	4	20	37-150	
Hexachlorobutadiene	50.0	54.4	109	2	20	58-134	
Isopropylbenzene	50.0	52.8	106	4	20	70-139	
m-Xylene & p-Xylene	50.0	51.6	103	2	20	67-137	
Methyl tert-butyl ether	50.0	64.9	130	10	22	59-139	
Methylene Chloride	50.0	62.2	124	5	23	55-136	
Naphthalene	50.0	53.8	108	11	20	64-135	
n-Butylbenzene	50.0	55.6	111	0	20	70-136	
N-Propylbenzene	50.0	53.8	108	6	20	66-142	
o-Xylene	50.0	52.0	104	4	20	68-136	
4-Isopropyltoluene	50.0	54.7	109	2	20	67-138	
sec-Butylbenzene	50.0	53.2	106	2	20	66-135	
Styrene	50.0	52.4	105	5	20	69-135	
tert-Butylbenzene	50.0	52.7	105	1	20	64-135	
Tetrachloroethene	50.0	55.3	111	6	20	63-131	
Toluene	50.0	55.8	112	5	20	71-123	
trans-1,2-Dichloroethene	50.0	62.5	125	5	20	65-132	
trans-1,3-Dichloropropene	50.0	59.4	119	11	20	66-136	
Trichloroethene	50.0	55.4	111	6	20	67-130	
Trichlorofluoromethane	50.0	62.2	124	5	22	62-147	
Vinyl acetate	50.0	73.4	147	11	29	51-150	
Vinyl chloride	50.0	74.8	150	6	27	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182235.D

Lab ID: LCSD 550-289041/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	43.3	87	5	20	68-133	
1,1,1-Trichloroethane	50.0	50.9	102	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.3	87	5	20	60-135	
1,1,2-Trichloroethane	50.0	42.6	85	4	20	69-130	
1,1-Dichloroethane	50.0	50.6	101	3	20	65-132	
1,1-Dichloroethene	50.0	50.8	102	3	23	80-120	
1,1-Dichloropropene	50.0	47.3	95	4	20	63-130	
1,2,3-Trichlorobenzene	50.0	42.2	84	0	20	62-139	
1,2,3-Trichloropropane	50.0	42.3	85	2	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.2	84	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	5	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	45.7	91	0	21	58-133	
1,2-Dibromoethane	50.0	43.4	87	2	20	70-130	
1,2-Dichlorobenzene	50.0	42.1	84	3	20	70-130	
1,2-Dichloroethane	50.0	41.6	83	4	20	54-135	
1,2-Dichloropropane	50.0	44.7	89	4	20	80-120	
1,3,5-Trimethylbenzene	50.0	44.6	89	3	20	70-139	
1,3-Dichlorobenzene	50.0	43.7	87	4	20	70-130	
1,3-Dichloropropane	50.0	43.1	86	3	20	69-130	
1,4-Dichlorobenzene	50.0	43.0	86	4	20	70-130	
2,2-Dichloropropane	50.0	51.2	102	3	21	60-148	
2-Butanone (MEK)	50.0	54.8	110	0	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.8	106	2	29	50-148	
4-Chlorotoluene	50.0	44.3	89	3	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	48.7	97	3	23	56-141	
Acetone	50.0	56.4	113	2	35	11-150	
Benzene	50.0	45.5	91	4	20	67-130	
Bromobenzene	50.0	42.2	84	3	20	70-130	
Chlorobromomethane	50.0	46.9	94	3	20	59-139	
Dichlorobromomethane	50.0	43.4	87	3	20	69-130	
Bromoform	50.0	36.7	73	2	20	67-140	
Bromomethane	50.0	54.8	110	10	31	10-150	
Carbon disulfide	50.0	57.0	114	3	26	36-150	
Carbon tetrachloride	50.0	47.7	95	4	20	60-134	
Chlorobenzene	50.0	44.0	88	4	20	70-130	
Chloroethane	50.0	57.9	116	4	29	57-150	
Chloroform	50.0	47.9	96	3	20	80-120	
Chloromethane	50.0	44.9	90	2	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	4	20	64-130	
cis-1,3-Dichloropropene	50.0	44.5	89	3	20	66-134	
Chlorodibromomethane	50.0	43.3	87	3	20	65-133	
Dibromomethane	50.0	42.7	85	3	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182235.D

Lab ID: LCSD 550-289041/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	46.2	92	2	30	29-150	
Ethylbenzene	50.0	46.4	93	5	20	80-120	
Freon 113	50.0	54.1	108	3	20	37-150	
Hexachlorobutadiene	50.0	49.3	99	1	20	58-134	
Isopropylbenzene	50.0	47.3	95	2	20	70-139	
m-Xylene & p-Xylene	50.0	45.8	92	3	20	67-137	
Methyl tert-butyl ether	50.0	46.6	93	3	22	59-139	
Methylene Chloride	50.0	49.5	99	3	23	55-136	
Naphthalene	50.0	42.7	85	1	20	64-135	
n-Butylbenzene	50.0	49.4	99	3	20	70-136	
N-Propylbenzene	50.0	47.4	95	3	20	66-142	
o-Xylene	50.0	45.1	90	4	20	68-136	
4-Isopropyltoluene	50.0	48.2	96	3	20	67-138	
sec-Butylbenzene	50.0	48.4	97	3	20	66-135	
Styrene	50.0	44.0	88	4	20	69-135	
tert-Butylbenzene	50.0	48.7	97	2	20	64-135	
Tetrachloroethene	50.0	46.3	93	2	20	63-131	
Toluene	50.0	45.3	91	3	20	71-123	
trans-1,2-Dichloroethene	50.0	51.1	102	4	20	65-132	
trans-1,3-Dichloropropene	50.0	44.3	89	2	20	66-136	
Trichloroethene	50.0	45.7	91	3	20	67-130	
Trichlorofluoromethane	50.0	53.8	108	2	22	62-147	
Vinyl acetate	50.0	52.4	105	9	29	51-150	
Vinyl chloride	50.0	59.2	118	1	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212211.D

Lab ID: LCSD 550-289135/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	43.8	88	8	20	68-133	
1,1,1-Trichloroethane	50.0	45.0	90	4	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	42.8	86	0	20	60-135	
1,1,2-Trichloroethane	50.0	40.7	81	2	20	69-130	
1,1-Dichloroethane	50.0	40.8	82	2	20	65-132	
1,1-Dichloroethene	50.0	44.6	89	6	23	80-120	
1,1-Dichloropropene	50.0	46.0	92	8	20	63-130	
1,2,3-Trichlorobenzene	50.0	48.5	97	0	20	62-139	
1,2,3-Trichloropropane	50.0	46.5	93	0	20	67-130	
1,2,4-Trichlorobenzene	50.0	47.0	94	1	20	66-135	
1,2,4-Trimethylbenzene	50.0	47.6	95	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	43.6	87	3	21	58-133	
1,2-Dibromoethane	50.0	39.9	80	2	20	70-130	
1,2-Dichlorobenzene	50.0	45.0	90	2	20	70-130	
1,2-Dichloroethane	50.0	40.7	81	4	20	54-135	
1,2-Dichloropropane	50.0	39.2	78	6	20	80-120	*-
1,3,5-Trimethylbenzene	50.0	51.3	103	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.2	88	3	20	70-130	
1,3-Dichloropropane	50.0	40.5	81	1	20	69-130	
1,4-Dichlorobenzene	50.0	42.8	86	1	20	70-130	
2,2-Dichloropropane	50.0	44.9	90	4	21	60-148	
2-Butanone (MEK)	50.0	37.6	75	5	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	34.3	69	5	29	50-148	
4-Chlorotoluene	50.0	43.1	86	5	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	38.0	76	11	23	56-141	
Acetone	50.0	38.3	77	10	35	11-150	
Benzene	50.0	38.3	77	6	20	67-130	
Bromobenzene	50.0	46.3	93	4	20	70-130	
Chlorobromomethane	50.0	43.2	86	1	20	59-139	
Dichlorobromomethane	50.0	38.3	77	4	20	69-130	
Bromoform	50.0	40.6	81	3	20	67-140	
Bromomethane	50.0	51.2	102	6	31	10-150	
Carbon disulfide	50.0	43.7	87	7	26	36-150	
Carbon tetrachloride	50.0	44.5	89	13	20	60-134	
Chlorobenzene	50.0	42.1	84	1	20	70-130	
Chloroethane	50.0	47.8	96	7	29	57-150	
Chloroform	50.0	40.8	82	1	20	80-120	
Chloromethane	50.0	39.2	78	8	30	46-150	
cis-1,2-Dichloroethene	50.0	39.1	78	8	20	64-130	
cis-1,3-Dichloropropene	50.0	39.8	80	2	20	66-134	
Chlorodibromomethane	50.0	41.4	83	4	20	65-133	
Dibromomethane	50.0	39.3	79	8	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212211.D

Lab ID: LCSD 550-289135/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	44.5	89	17	30	29-150	
Ethylbenzene	50.0	41.5	83	4	20	80-120	
Freon 113	50.0	52.1	104	7	20	37-150	
Hexachlorobutadiene	50.0	54.6	109	2	20	58-134	
Isopropylbenzene	50.0	53.5	107	2	20	70-139	
m-Xylene & p-Xylene	50.0	50.2	100	7	20	67-137	
Methyl tert-butyl ether	50.0	42.5	85	4	22	59-139	
Methylene Chloride	50.0	43.5	87	4	23	55-136	
Naphthalene	50.0	46.1	92	2	20	64-135	
n-Butylbenzene	50.0	47.5	95	1	20	70-136	
N-Propylbenzene	50.0	48.2	96	3	20	66-142	
o-Xylene	50.0	50.8	102	4	20	68-136	
4-Isopropyltoluene	50.0	52.8	106	2	20	67-138	
sec-Butylbenzene	50.0	54.7	109	0	20	66-135	
Styrene	50.0	45.9	92	8	20	69-135	
tert-Butylbenzene	50.0	46.7	93	1	20	64-135	
Tetrachloroethene	50.0	47.8	96	4	20	63-131	
Toluene	50.0	41.4	83	4	20	71-123	
trans-1,2-Dichloroethene	50.0	42.3	85	2	20	65-132	
trans-1,3-Dichloropropene	50.0	40.0	80	2	20	66-136	
Trichloroethene	50.0	44.7	89	6	20	67-130	
Trichlorofluoromethane	50.0	52.4	105	7	22	62-147	
Vinyl acetate	50.0	38.5	77	5	29	51-150	
Vinyl chloride	50.0	45.6	91	8	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182217.D

Lab ID: 550-193487-1 MS Client ID: M-15_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	54.1	108	62-139	
1,1,1-Trichloroethane	50.0	ND	60.2	120	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	49.3	99	52-150	
1,1,2-Trichloroethane	50.0	ND	53.7	107	62-137	
1,1-Dichloroethane	50.0	ND	61.7	123	58-145	
1,1-Dichloroethene	50.0	ND	58.8	118	50-150	
1,1-Dichloropropene	50.0	ND	52.7	105	50-142	
1,2,3-Trichlorobenzene	50.0	ND	51.2	102	52-144	
1,2,3-Trichloropropane	50.0	ND	47.5	95	59-138	
1,2,4-Trichlorobenzene	50.0	ND	52.3	105	54-140	
1,2,4-Trimethylbenzene	50.0	ND	52.3	105	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	49.7	99	41-149	
1,2-Dibromoethane	50.0	ND	55.1	110	67-136	
1,2-Dichlorobenzene	50.0	ND	50.4	101	64-132	
1,2-Dichloroethane	50.0	ND	52.1	104	47-146	
1,2-Dichloropropane	50.0	ND	54.6	109	59-140	
1,3,5-Trimethylbenzene	50.0	ND	49.7	99	34-150	
1,3-Dichlorobenzene	50.0	ND	51.4	103	67-130	
1,3-Dichloropropane	50.0	ND	54.8	110	65-140	
1,4-Dichlorobenzene	50.0	ND	51.3	103	67-128	
2,2-Dichloropropane	50.0	ND	61.9	124	54-150	
2-Butanone (MEK)	50.0	ND	65.2	130	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	60.0	120	37-150	
4-Chlorotoluene	50.0	ND	50.0	100	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	57.5	115	41-150	
Acetone	50.0	ND	51.7	103	10-150	
Benzene	50.0	ND	53.4	107	54-142	
Bromobenzene	50.0	ND	49.5	99	67-132	
Chlorobromomethane	50.0	ND	60.8	122	55-147	
Dichlorobromomethane	50.0	ND	54.3	109	61-143	
Bromoform	50.0	ND	41.9	84	57-148	
Bromomethane	50.0	ND	71.6	143	56-149	
Carbon disulfide	50.0	ND	66.2	132	23-150	
Carbon tetrachloride	50.0	ND	52.6	105	51-143	
Chlorobenzene	50.0	ND	53.3	107	69-129	
Chloroethane	50.0	ND	69.2	138	41-150	
Chloroform	50.0	ND	60.7	121	60-148	
Chloromethane	50.0	ND	53.6	107	29-150	
cis-1,2-Dichloroethene	50.0	22	72.2	100	57-139	
cis-1,3-Dichloropropene	50.0	ND	54.3	109	57-145	
Chlorodibromomethane	50.0	ND	54.9	110	61-143	
Dibromomethane	50.0	ND	53.7	107	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182217.D

Lab ID: 550-193487-1 MS Client ID: M-15_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	52.4	105	20-150	
Ethylbenzene	50.0	ND	54.2	108	46-149	
Freon 113	50.0	ND	60.0	120	10-150	
Hexachlorobutadiene	50.0	ND	54.5	109	48-146	
Isopropylbenzene	50.0	ND	50.9	102	56-146	
m-Xylene & p-Xylene	50.0	ND	50.4	101	47-150	
Methyl tert-butyl ether	50.0	ND	62.1	124	51-150	
Methylene Chloride	50.0	ND	60.2	120	43-150	
Naphthalene	50.0	ND	49.5	99	32-150	
n-Butylbenzene	50.0	ND	54.9	110	54-146	
N-Propylbenzene	50.0	ND	51.4	103	54-150	
o-Xylene	50.0	ND	50.7	101	52-150	
4-Isopropyltoluene	50.0	ND	54.1	108	53-147	
sec-Butylbenzene	50.0	ND	53.0	106	54-145	
Styrene	50.0	ND	50.9	102	20-150	
tert-Butylbenzene	50.0	ND	52.5	105	57-143	
Tetrachloroethene	50.0	7.1	58.7	103	37-150	
Toluene	50.0	ND	53.9	108	54-141	
trans-1,2-Dichloroethene	50.0	3.7	63.4	119	58-140	
trans-1,3-Dichloropropene	50.0	ND	54.5	109	57-147	
Trichloroethene	50.0	28	75.0	95	58-134	
Trichlorofluoromethane	50.0	ND	61.0	122	46-150	
Vinyl acetate	50.0	ND	66.5	133	10-150	
Vinyl chloride	50.0	ND	67.5	135	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182218.D

Lab ID: 550-193487-1 MSD Client ID: M-15_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	52.5	105	3	35	62-139	
1,1,1-Trichloroethane	50.0	59.3	119	1	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	51.0	102	3	35	52-150	
1,1,2-Trichloroethane	50.0	53.3	107	1	35	62-137	
1,1-Dichloroethane	50.0	61.1	122	1	35	58-145	
1,1-Dichloroethene	50.0	58.0	116	1	35	50-150	
1,1-Dichloropropene	50.0	51.9	104	2	35	50-142	
1,2,3-Trichlorobenzene	50.0	52.1	104	2	35	52-144	
1,2,3-Trichloropropane	50.0	48.5	97	2	35	59-138	
1,2,4-Trichlorobenzene	50.0	52.3	105	0	35	54-140	
1,2,4-Trimethylbenzene	50.0	52.0	104	1	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	53.7	107	8	35	41-149	
1,2-Dibromoethane	50.0	54.0	108	2	35	67-136	
1,2-Dichlorobenzene	50.0	50.2	100	0	35	64-132	
1,2-Dichloroethane	50.0	51.8	104	1	35	47-146	
1,2-Dichloropropane	50.0	53.2	106	2	35	59-140	
1,3,5-Trimethylbenzene	50.0	51.1	102	3	35	34-150	
1,3-Dichlorobenzene	50.0	51.1	102	1	35	67-130	
1,3-Dichloropropane	50.0	53.6	107	2	35	65-140	
1,4-Dichlorobenzene	50.0	50.9	102	1	35	67-128	
2,2-Dichloropropane	50.0	61.6	123	1	35	54-150	
2-Butanone (MEK)	50.0	66.7	133	2	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	61.8	124	3	35	37-150	
4-Chlorotoluene	50.0	50.8	102	2	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	58.8	118	2	35	41-150	
Acetone	50.0	52.8	106	2	35	10-150	
Benzene	50.0	52.1	104	3	35	54-142	
Bromobenzene	50.0	49.6	99	0	35	67-132	
Chlorobromomethane	50.0	60.5	121	0	35	55-147	
Dichlorobromomethane	50.0	53.0	106	2	35	61-143	
Bromoform	50.0	42.6	85	2	35	57-148	
Bromomethane	50.0	73.4	147	3	35	56-149	
Carbon disulfide	50.0	65.8	132	1	35	23-150	
Carbon tetrachloride	50.0	51.8	104	1	35	51-143	
Chlorobenzene	50.0	52.1	104	2	35	69-129	
Chloroethane	50.0	68.9	138	0	35	41-150	
Chloroform	50.0	59.6	119	2	35	60-148	
Chloromethane	50.0	52.4	105	2	35	29-150	
cis-1,2-Dichloroethene	50.0	71.0	98	2	35	57-139	
cis-1,3-Dichloropropene	50.0	53.1	106	2	35	57-145	
Chlorodibromomethane	50.0	53.8	108	2	35	61-143	
Dibromomethane	50.0	52.9	106	2	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182218.D

Lab ID: 550-193487-1 MSD Client ID: M-15_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.4	105	0	35	20-150	
Ethylbenzene	50.0	53.2	106	2	35	46-149	
Freon 113	50.0	59.8	120	0	35	10-150	
Hexachlorobutadiene	50.0	55.8	112	2	35	48-146	
Isopropylbenzene	50.0	51.0	102	0	35	56-146	
m-Xylene & p-Xylene	50.0	49.7	99	1	35	47-150	
Methyl tert-butyl ether	50.0	62.2	124	0	35	51-150	
Methylene Chloride	50.0	59.3	119	2	35	43-150	
Naphthalene	50.0	51.3	103	4	35	32-150	
n-Butylbenzene	50.0	54.1	108	2	35	54-146	
N-Propylbenzene	50.0	51.3	103	0	35	54-150	
o-Xylene	50.0	50.3	101	1	35	52-150	
4-Isopropyltoluene	50.0	53.9	108	0	35	53-147	
sec-Butylbenzene	50.0	52.7	105	1	35	54-145	
Styrene	50.0	50.2	100	1	35	20-150	
tert-Butylbenzene	50.0	53.3	107	2	35	57-143	
Tetrachloroethene	50.0	57.6	101	2	35	37-150	
Toluene	50.0	52.9	106	2	35	54-141	
trans-1,2-Dichloroethene	50.0	62.4	118	1	35	58-140	
trans-1,3-Dichloropropene	50.0	54.1	108	1	35	57-147	
Trichloroethene	50.0	74.3	93	1	35	58-134	
Trichlorofluoromethane	50.0	61.0	122	0	35	46-150	
Vinyl acetate	50.0	69.5	139	4	35	10-150	
Vinyl chloride	50.0	67.4	135	0	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11182208.D Lab Sample ID: MB 550-288978/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/18/2022 13:16

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288978/1002	-11182203-LCS.d	11/18/2022 10:48
	LCSD 550-288978/4	11182204.D	11/18/2022 11:09
M-15_11-2022	550-193487-1	11182216.D	11/18/2022 16:03
M-15_11-2022 MS	550-193487-1 MS	11182217.D	11/18/2022 16:24
M-15_11-2022 MSD	550-193487-1 MSD	11182218.D	11/18/2022 16:44
R-13_I2_11-2022	550-193487-2	11182225.D	11/18/2022 19:11
R-32_I1_11-2022	550-193487-4	11182226.D	11/18/2022 19:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11182237.D Lab Sample ID: MB 550-289041/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/18/2022 23:22

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-289041/1002	-11182234-LCS.d	11/18/2022 22:19
	LCSD 550-289041/4	11182235.D	11/18/2022 22:40
EWMW-4B_11-2022	550-193487-5	11182253.D	11/19/2022 04:57
M-915_11-2022	550-193487-7	11182254.D	11/19/2022 05:18

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11212213.D Lab Sample ID: MB 550-289135/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS24 Date Analyzed: 11/21/2022 14:12

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-289135/3	11212210.D	11/21/2022 13:06
	LCSD 550-289135/4	11212211.D	11/21/2022 13:28
BC-5_11-2022	550-193487-3	11212226.D	11/21/2022 18:53
BC-6_11-2022	550-193487-6	11212227.D	11/21/2022 19:19
BC-96_11-2022	550-193487-8	11212228.D	11/21/2022 19:41
TB-07_11-2022	550-193487-9	11212229.D	11/21/2022 20:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11182201.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS15 BFB Injection Time: 09:03

Analysis Batch No.: 288978

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	47.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.1	
175	5.0 - 9.0 % of mass 174	8.2	(7.6) 1
176	95.0 - 101.0 % of mass 174	103.8	(96.1) 1
177	5.0 - 9.0 % of mass 176	7.2	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288978/2	11182203.D	11/18/2022	10:48
	LCS 550-288978/1002	-11182203-LCS	11/18/2022	10:48
	LCSD 550-288978/4	11182204.D	11/18/2022	11:09
	MB 550-288978/6	11182208.D	11/18/2022	13:16
M-15_11-2022	550-193487-1	11182216.D	11/18/2022	16:03
M-15_11-2022 MS	550-193487-1 MS	11182217.D	11/18/2022	16:24
M-15_11-2022 MSD	550-193487-1 MSD	11182218.D	11/18/2022	16:44
R-13_I2_11-2022	550-193487-2	11182225.D	11/18/2022	19:11
R-32_I1_11-2022	550-193487-4	11182226.D	11/18/2022	19:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11182231.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS15 BFB Injection Time: 21:16

Analysis Batch No.: 289041

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	111.3	
175	5.0 - 9.0 % of mass 174	8.8	(7.9) 1
176	95.0 - 101.0 % of mass 174	108.8	(97.8) 1
177	5.0 - 9.0 % of mass 176	7.7	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-289041/2	11182234.D	11/18/2022	22:19
	LCS 550-289041/1002	-11182234-LCS	11/18/2022	22:19
	LCSD 550-289041/4	11182235.D	11/18/2022	22:40
	MB 550-289041/6	11182237.D	11/18/2022	23:22
EWMW-4B_11-2022	550-193487-5	11182253.D	11/19/2022	4:57
M-915_11-2022	550-193487-7	11182254.D	11/19/2022	5:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11182201.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS24 BFB Injection Time: 08:59

Analysis Batch No.: 288994

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	43.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	91.9	
175	5.0 - 9.0 % of mass 174	5.7	(6.2) 1
176	95.0 - 101.0 % of mass 174	91.4	(99.5) 1
177	5.0 - 9.0 % of mass 176	6.2	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-288994/4	11182204.D	11/18/2022	11:07
	STD2 550-288994/5	11182205.D	11/18/2022	11:29
	STD3 550-288994/6	11182206.D	11/18/2022	11:51
	STD4 550-288994/7	11182207.D	11/18/2022	12:13
	STD5 550-288994/8	11182208.D	11/18/2022	12:34
	STD6 550-288994/9	11182209.D	11/18/2022	12:56
	ICIS 550-288994/10	11182210.D	11/18/2022	13:18
	STD8 550-288994/11	11182211.D	11/18/2022	13:40
	STD9 550-288994/12	11182212.D	11/18/2022	14:01
	ICV 550-288994/17	11182217.D	11/18/2022	16:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab File ID: 11212208.D BFB Injection Date: 11/21/2022

Instrument ID: GCMS24 BFB Injection Time: 12:11

Analysis Batch No.: 289135

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	97.0	
175	5.0 - 9.0 % of mass 174	6.4	(6.5) 1
176	95.0 - 101.0 % of mass 174	94.7	(97.6) 1
177	5.0 - 9.0 % of mass 176	6.9	(7.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-289135/2	11212209.D	11/21/2022	12:45
	LCS 550-289135/3	11212210.D	11/21/2022	13:06
	LCSD 550-289135/4	11212211.D	11/21/2022	13:28
	MB 550-289135/6	11212213.D	11/21/2022	14:12
BC-5_11-2022	550-193487-3	11212226.D	11/21/2022	18:53
BC-6_11-2022	550-193487-6	11212227.D	11/21/2022	19:19
BC-96_11-2022	550-193487-8	11212228.D	11/21/2022	19:41
TB-07_11-2022	550-193487-9	11212229.D	11/21/2022	20:03

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288978/2		145439	4.33	1013852	7.33	827040	9.97
CCVIS 550-289041/2		179137	4.33	1077436	7.33	856807	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288978/2		493844	11.84				
CCVIS 550-289041/2		479172	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-288978/2 Date Analyzed: 11/18/2022 10:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		145439	4.33	1013852	7.33	827040	9.97
UPPER LIMIT		290878	4.83	2027704	7.83	1654080	10.47
LOWER LIMIT		72720	3.83	506926	6.83	413520	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288978/1002		145439	4.33	1013852	7.33	827040	9.97
LCSD 550-288978/4		173598	4.33	979351	7.33	793148	9.97
MB 550-288978/6		108414	4.32	763602	7.33	598041	9.97
550-193487-1	M-15_11-2022	91083	4.33	699623	7.34	571465	9.97
550-193487-1 MS	M-15_11-2022 MS	136797	4.33	867811	7.33	719913	9.97
550-193487-1 MSD	M-15_11-2022 MSD	161230	4.34	912975	7.34	762554	9.97
550-193487-2	R-13_I2_11-2022	98555	4.33	670497	7.32	535045	9.97
550-193487-4	R-32_I1_11-2022	86216	4.33	703184	7.34	568185	9.97

TBAd9 = TBA-d9 (IS)
TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
Area Limit = 50%-200% of internal standard area
CBNZd5 = Chlorobenzene-d5
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-288978/2 Date Analyzed: 11/18/2022 10:48

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182203.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		493844	11.84				
UPPER LIMIT		987688	12.34				
LOWER LIMIT		246922	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288978/1002		493844	11.84				
LCSD 550-288978/4		481554	11.84				
MB 550-288978/6		378259	11.84				
550-193487-1	M-15_11-2022	347331	11.84				
550-193487-1 MS	M-15_11-2022 MS	436030	11.84				
550-193487-1 MSD	M-15_11-2022 MSD	457014	11.84				
550-193487-2	R-13_I2_11-2022	320181	11.84				
550-193487-4	R-32_I1_11-2022	342017	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-289041/2 Date Analyzed: 11/18/2022 22:19

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182234.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		179137	4.33	1077436	7.33	856807	9.97
UPPER LIMIT		358274	4.83	2154872	7.83	1713614	10.47
LOWER LIMIT		89569	3.83	538718	6.83	428404	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289041/1002		179137	4.33	1077436	7.33	856807	9.97
LCSD 550-289041/4		180088	4.33	1043548	7.33	823062	9.97
MB 550-289041/6		151690	4.31	830842	7.33	627424	9.97
550-193487-5	EWMW-4B_11-2022	97215	4.32	720979	7.33	599937	9.97
550-193487-7	M-915_11-2022	98150	4.32	735259	7.32	608141	9.97

TBAd9 = TBA-d9 (IS)
TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
FB = Fluorobenzene (IS)
Area Limit = 50%-200% of internal standard area
CBNZd5 = Chlorobenzene-d5
RT Limit = ± 0.5 minutes of internal standard RT
CBNZd5 = Chlorobenzene-d5

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-289041/2 Date Analyzed: 11/18/2022 22:19

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182234.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		479172	11.84				
UPPER LIMIT		958344	12.34				
LOWER LIMIT		239586	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289041/1002		479172	11.84				
LCSD 550-289041/4		466116	11.84				
MB 550-289041/6		361834	11.84				
550-193487-5	EWMW-4B_11-2022	353145	11.84				
550-193487-7	M-915_11-2022	361867	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: ICIS 550-288994/10 Date Analyzed: 11/18/2022 13:18

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182210.D Heated Purge: (Y/N) N

Calibration ID: 24389

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		44412	4.31	140125	7.33	85710	9.97
UPPER LIMIT		88824	4.81	280250	7.83	171420	10.47
LOWER LIMIT		22206	3.81	70063	6.83	42855	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288994/17		51433	4.30	158056	7.32	98091	9.97
CCVIS 550-289135/2		57695	4.30	154823	7.32	87588	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: ICIS 550-288994/10 Date Analyzed: 11/18/2022 13:18

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182210.D Heated Purge: (Y/N) N

Calibration ID: 24389

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		53965	11.83				
UPPER LIMIT		107930	12.33				
LOWER LIMIT		26983	11.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288994/17		59467	11.83				
CCVIS 550-289135/2		52918	11.83				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-289135/2 Date Analyzed: 11/21/2022 12:45

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11212209.D Heated Purge: (Y/N) N

Calibration ID: 24389

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57695	4.30	154823	7.32	87588	9.97
UPPER LIMIT		115390	4.80	309646	7.82	175176	10.47
LOWER LIMIT		28848	3.80	77412	6.82	43794	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289135/3		44687	4.31	141185	7.32	77530	9.97
LCSD 550-289135/4		46647	4.31	158041	7.33	93478	9.97
MB 550-289135/6		46425	4.30	160138	7.32	77297	9.97
550-193487-3	BC-5_11-2022	45690	4.30	171650	7.33	86812	9.97
550-193487-6	BC-6_11-2022	52112	4.30	156973	7.32	74057	9.97
550-193487-8	BC-96_11-2022	42610	4.30	160762	7.32	82174	9.97
550-193487-9	TB-07_11-2022	43626	4.30	189845	7.32	102081	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Sample No.: CCVIS 550-289135/2 Date Analyzed: 11/21/2022 12:45

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11212209.D Heated Purge: (Y/N) N

Calibration ID: 24389

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		52918	11.83				
UPPER LIMIT		105836	12.33				
LOWER LIMIT		26459	11.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289135/3		49969	11.82				
LCSD 550-289135/4		54643	11.82				
MB 550-289135/6		64501	11.83				
550-193487-3	BC-5_11-2022	71548	11.82				
550-193487-6	BC-6_11-2022	63200	11.83				
550-193487-8	BC-96_11-2022	66641	11.83				
550-193487-9	TB-07_11-2022	79794	11.82				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 | Lab Sample ID: 550-193487-1

Matrix: Water | Lab File ID: 11182216.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 | Lab Sample ID: 550-193487-1

Matrix: Water | Lab File ID: 11182216.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND	*+	2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	22		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	7.1		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	3.7		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	28		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 Lab Sample ID: 550-193487-1

Matrix: Water Lab File ID: 11182216.D

Analysis Method: 8260B Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-13_I2_11-2022 | Lab Sample ID: 550-193487-2

Matrix: Water | Lab File ID: 11182225.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-13_I2_11-2022 | Lab Sample ID: 550-193487-2

Matrix: Water | Lab File ID: 11182225.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND	*+	2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.9	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	24		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	0.79	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	5.4		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-13_I2_11-2022 | Lab Sample ID: 550-193487-2

Matrix: Water | Lab File ID: 11182225.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-5_11-2022 | Lab Sample ID: 550-193487-3

Matrix: Water | Lab File ID: 11212226.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-5_11-2022 | Lab Sample ID: 550-193487-3

Matrix: Water | Lab File ID: 11212226.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-5_11-2022 | Lab Sample ID: 550-193487-3

Matrix: Water | Lab File ID: 11212226.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	74		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-32_I1_11-2022 | Lab Sample ID: 550-193487-4

Matrix: Water | Lab File ID: 11182226.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-32_I1_11-2022 | Lab Sample ID: 550-193487-4

Matrix: Water | Lab File ID: 11182226.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND	*+	2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND	*+	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: R-32_I1_11-2022 | Lab Sample ID: 550-193487-4

Matrix: Water | Lab File ID: 11182226.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: EWMW-4B_11-2022 | Lab Sample ID: 550-193487-5

Matrix: Water | Lab File ID: 11182253.D

Analysis Method: 8260B | Date Collected: 11/08/2022 10:14

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 04:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 3.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	14	J	20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: EWMW-4B_11-2022 | Lab Sample ID: 550-193487-5

Matrix: Water | Lab File ID: 11182253.D

Analysis Method: 8260B | Date Collected: 11/08/2022 10:14

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 04:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 3.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	1.1	J	5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	2.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	4.3		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	2.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	4.4	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: EWMW-4B_11-2022 Lab Sample ID: 550-193487-5

Matrix: Water Lab File ID: 11182253.D

Analysis Method: 8260B Date Collected: 11/08/2022 10:14

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 04:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 3.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	4-Bromofluorobenzene (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-6_11-2022 | Lab Sample ID: 550-193487-6

Matrix: Water | Lab File ID: 11212227.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-6_11-2022 | Lab Sample ID: 550-193487-6

Matrix: Water | Lab File ID: 11212227.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	1.9	J	2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	11		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	37		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-6_11-2022 | Lab Sample ID: 550-193487-6

Matrix: Water | Lab File ID: 11212227.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:50

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene (Surr)	74		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-915_11-2022 | Lab Sample ID: 550-193487-7

Matrix: Water | Lab File ID: 11182254.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-915_11-2022 | Lab Sample ID: 550-193487-7

Matrix: Water | Lab File ID: 11182254.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	24		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	6.7		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	3.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	29		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-915_11-2022 | Lab Sample ID: 550-193487-7

Matrix: Water | Lab File ID: 11182254.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-96_11-2022 | Lab Sample ID: 550-193487-8

Matrix: Water | Lab File ID: 11212228.D

Analysis Method: 8260B | Date Collected: 11/09/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-96_11-2022 | Lab Sample ID: 550-193487-8

Matrix: Water | Lab File ID: 11212228.D

Analysis Method: 8260B | Date Collected: 11/09/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	44		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	2.1		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	12		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	39		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: BC-96_11-2022 | Lab Sample ID: 550-193487-8

Matrix: Water | Lab File ID: 11212228.D

Analysis Method: 8260B | Date Collected: 11/09/2022 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 19:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	74		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: TB-07_11-2022 | Lab Sample ID: 550-193487-9

Matrix: Water | Lab File ID: 11212229.D

Analysis Method: 8260B | Date Collected: 11/09/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 20:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: TB-07_11-2022 | Lab Sample ID: 550-193487-9

Matrix: Water | Lab File ID: 11212229.D

Analysis Method: 8260B | Date Collected: 11/09/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 20:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: TB-07_11-2022 | Lab Sample ID: 550-193487-9

Matrix: Water | Lab File ID: 11212229.D

Analysis Method: 8260B | Date Collected: 11/09/2022 13:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 20:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	4-Bromofluorobenzene (Surr)	76		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188 1011919	42024 1817393	78737 2925530	206697 4137291	410767	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
tert-Butylbenzene	DCBd 4	Ave	25006 1114906	46259 1935535	91779 3256219	240694 4729715	483514	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602 1206372	49398 2076668	96879 3452051	251844 4988214	502992	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
sec-Butylbenzene	DCBd 4	Ave	31737 1397170	59115 2442130	116071 4131905	306873 5954380	613132	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	18204 782193	32162 1373413	63978 2207118	161734 3219631	320044	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
4-Isopropyltoluene	DCBd 4	Ave	30674 1338220	56668 2309199	111423 3889447	295543 5687819	587952	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	18081 774798	33153 1337786	62813 2139443	161066 3123296	316239	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
n-Butylbenzene	DCBd 4	Ave	26110 1081192	48862 1824868	97171 3087386	254863 4451351	501452	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	16275 745964	31664 1286930	61906 2063903	153686 2937840	304555	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 52427	2115 108561	3925 161361	9662 215067	20545	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013 527877	26264 825209	51354 1387789	123692 2003749	240612	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

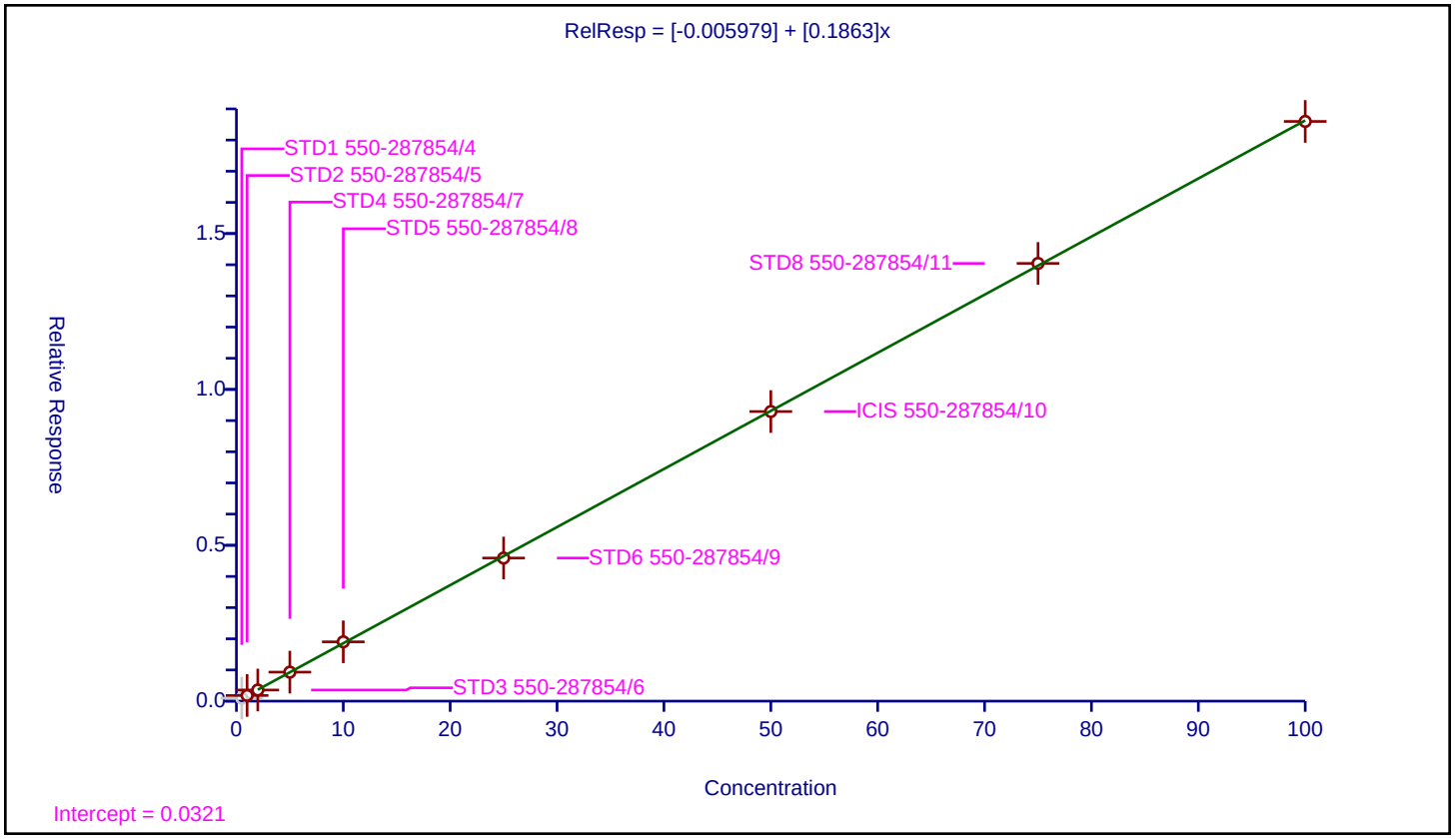
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

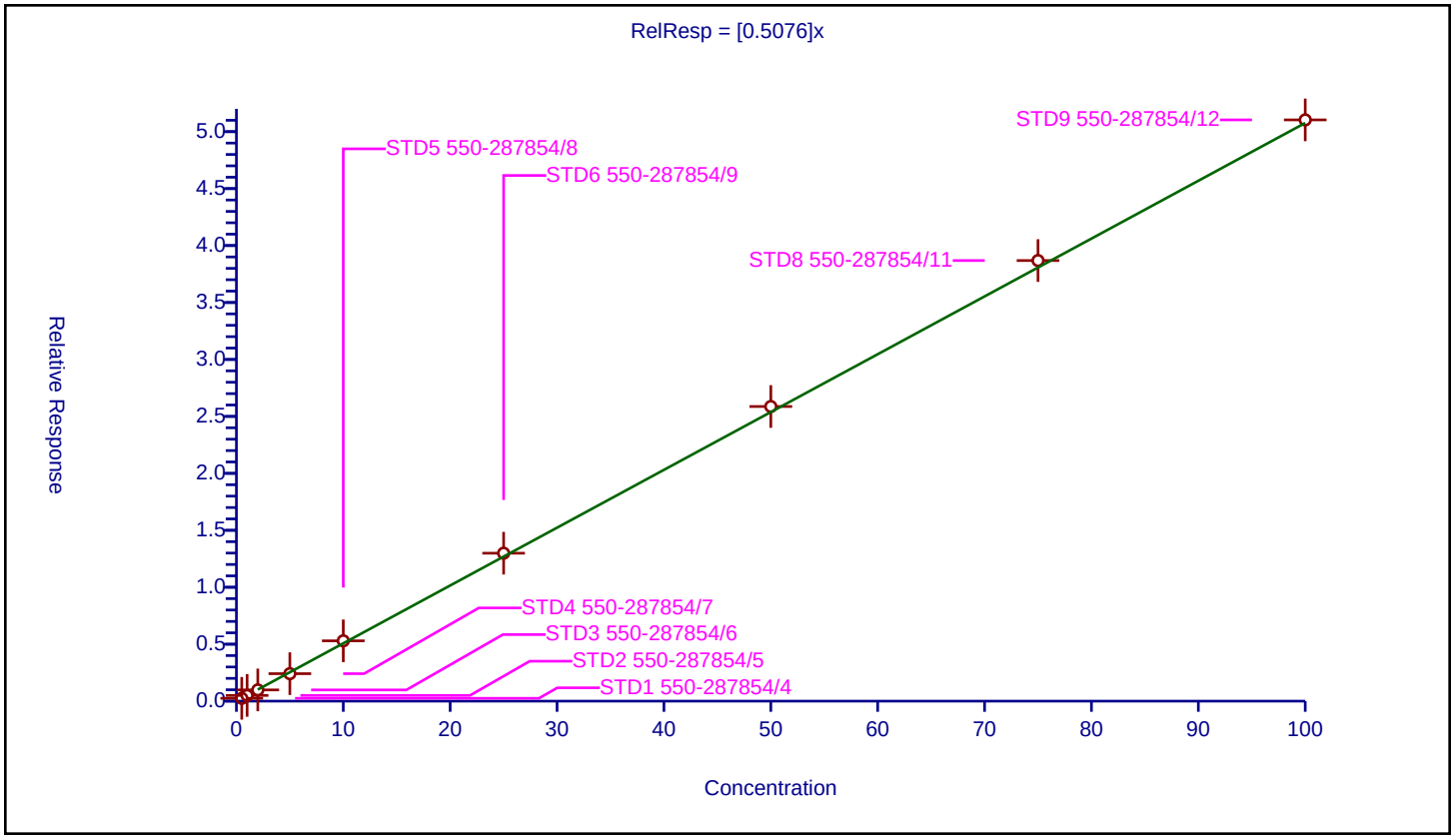
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

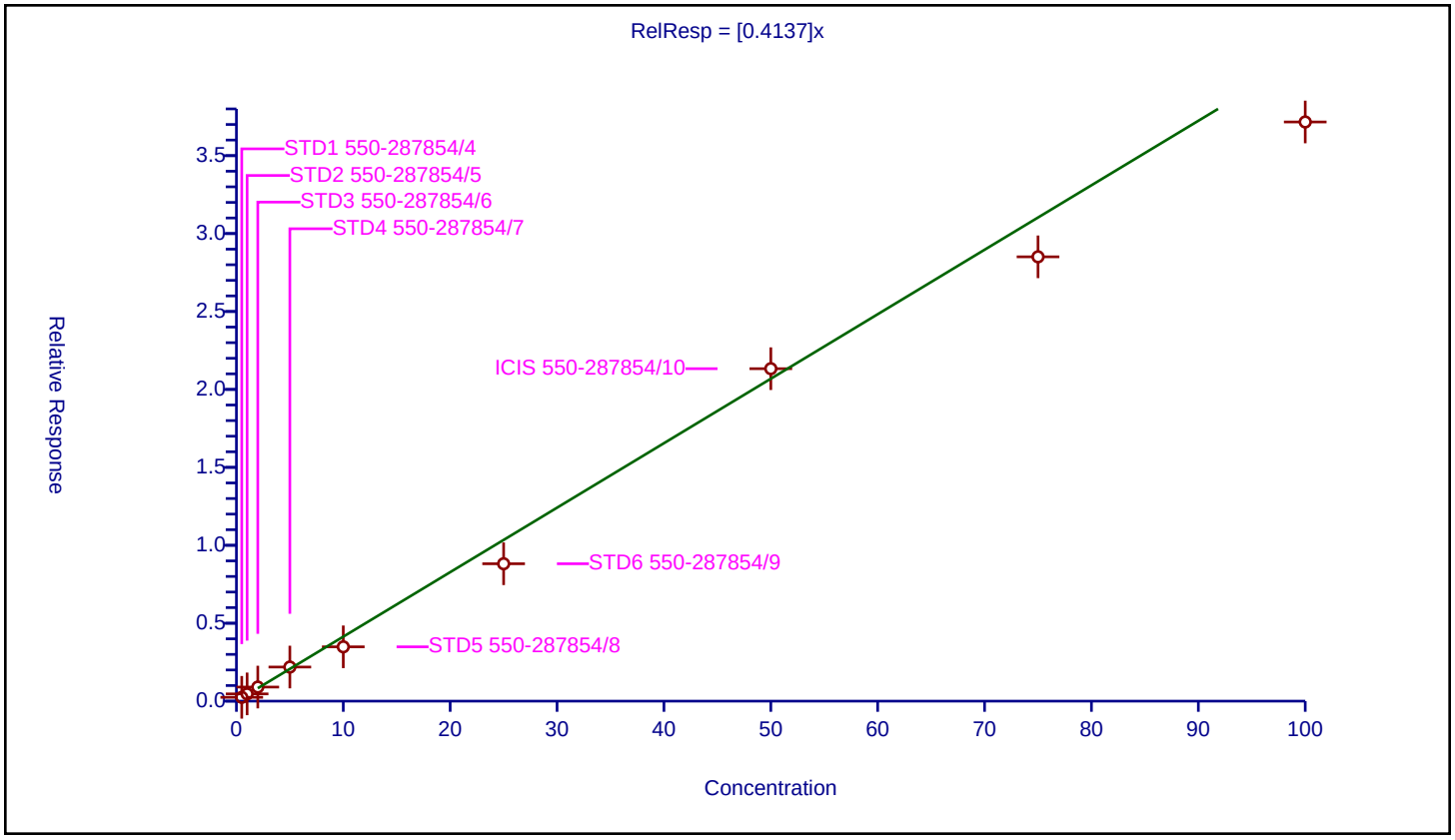
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

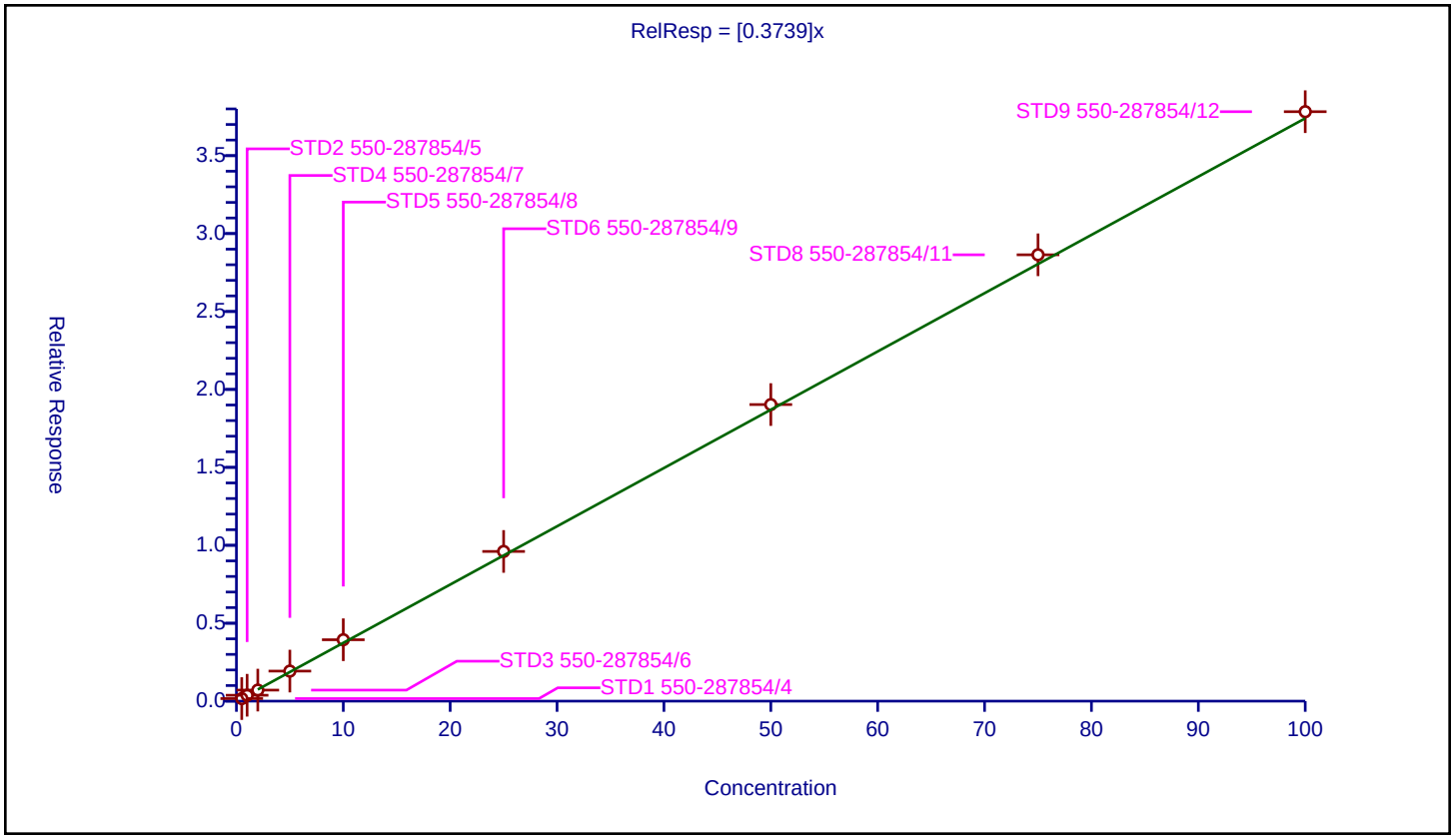
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

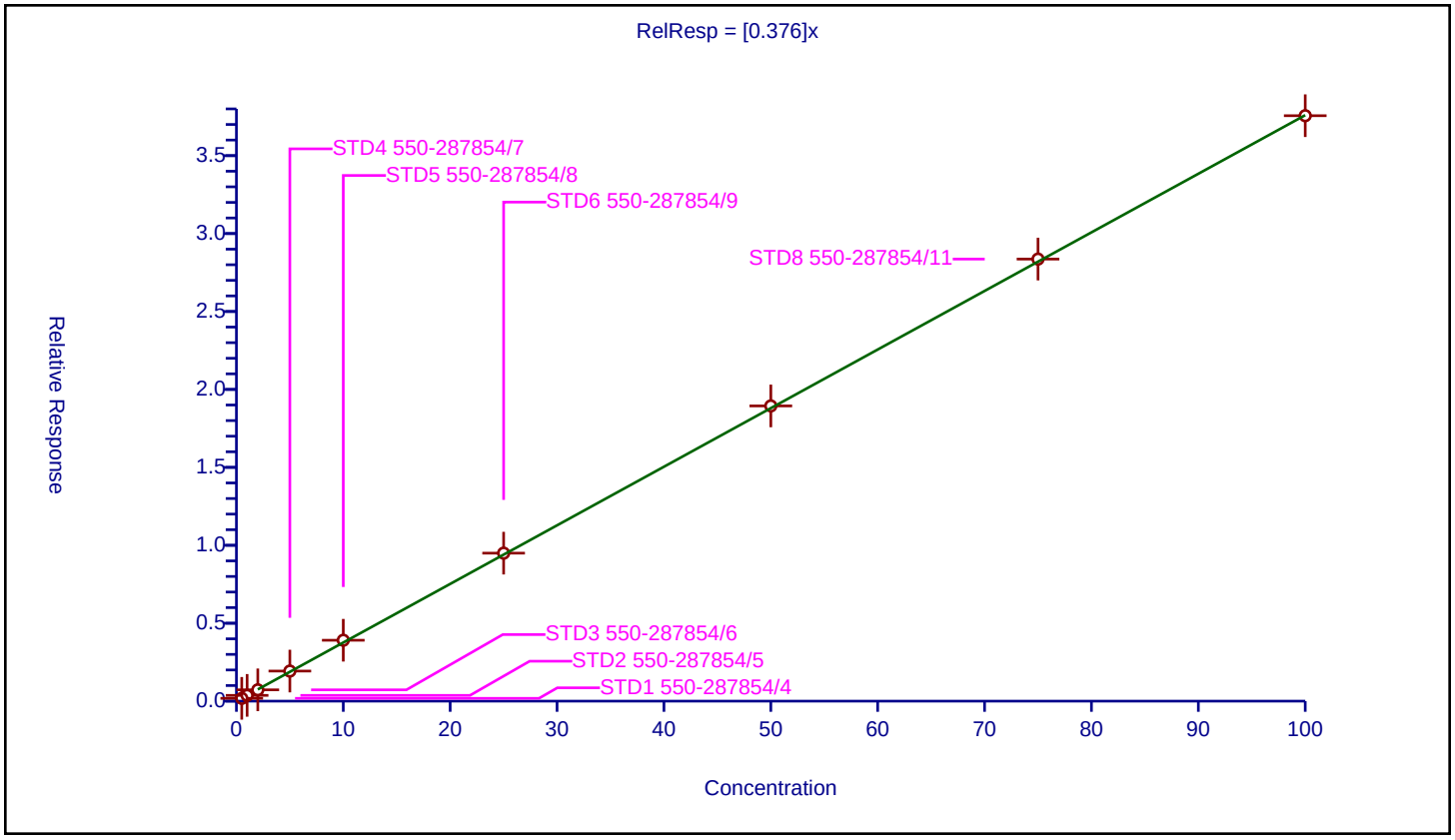
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

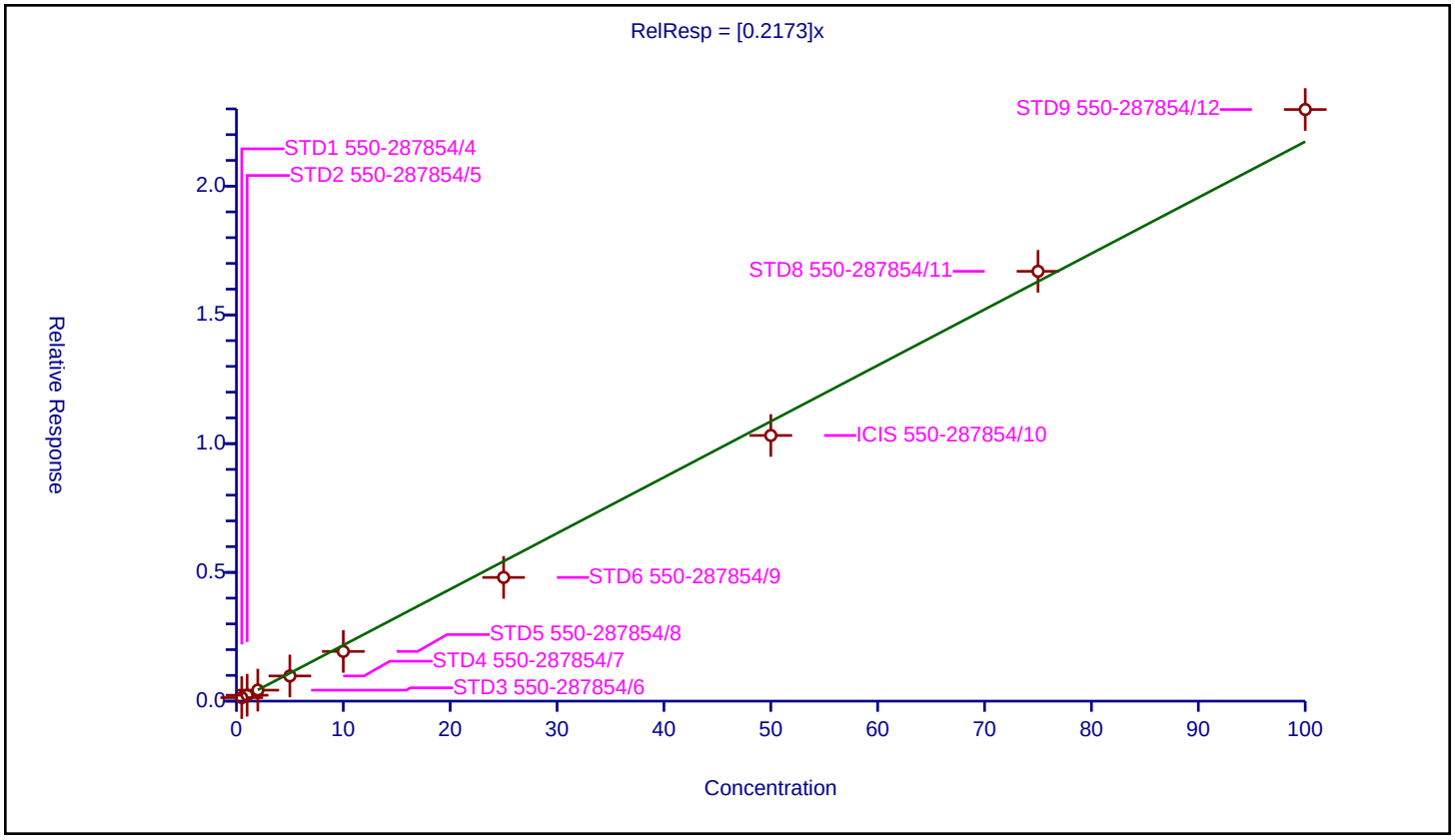
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

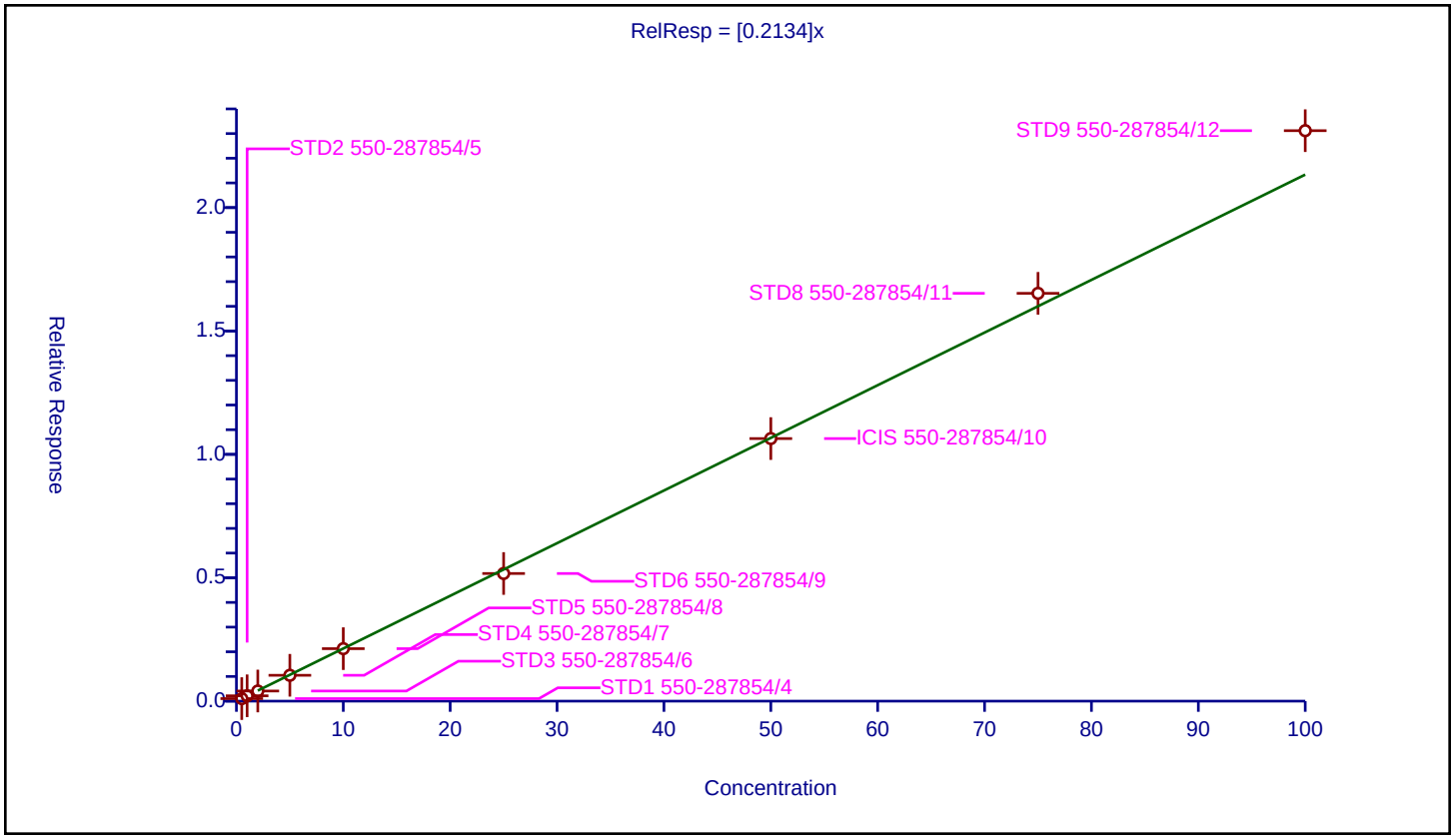
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

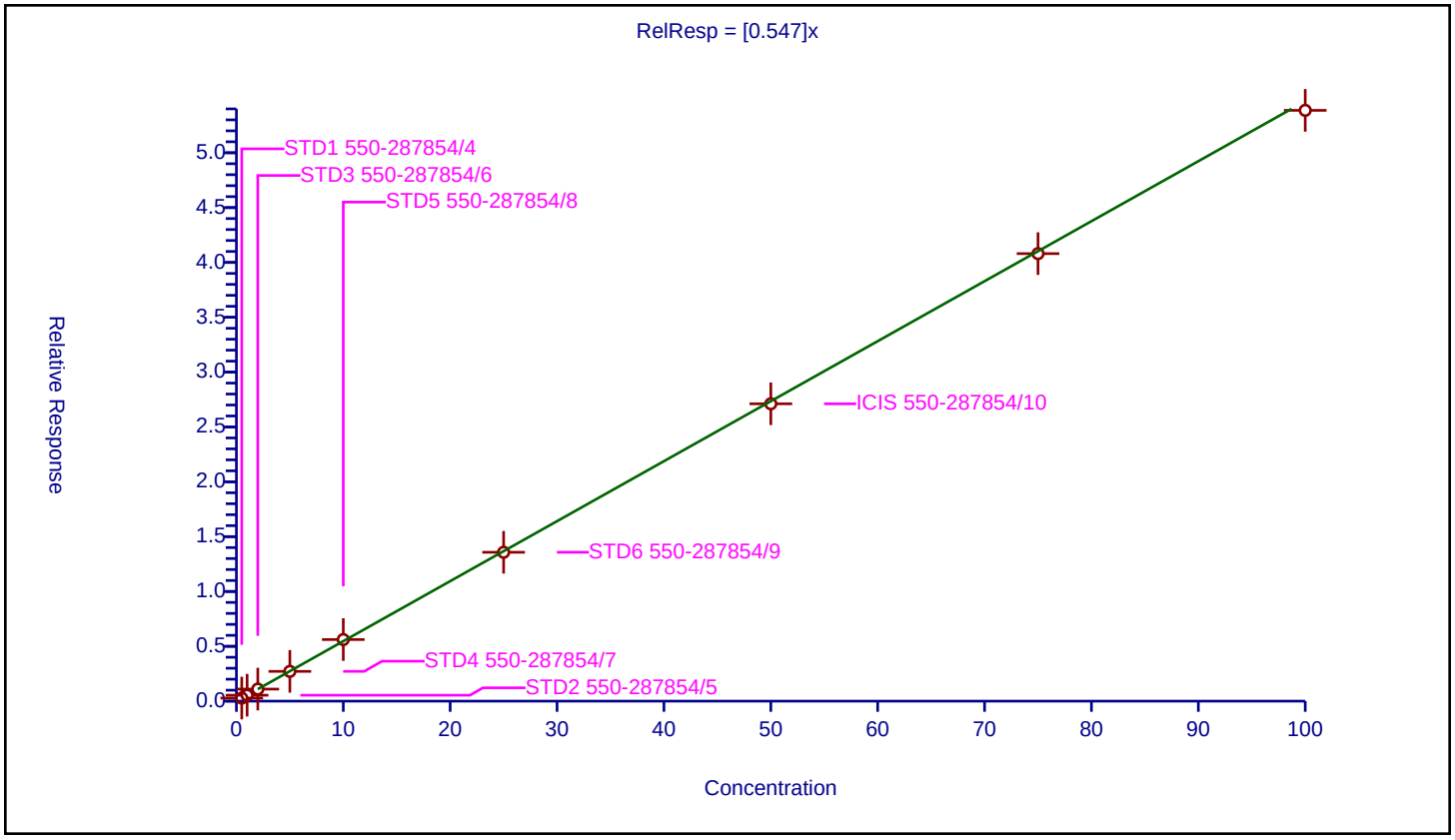
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

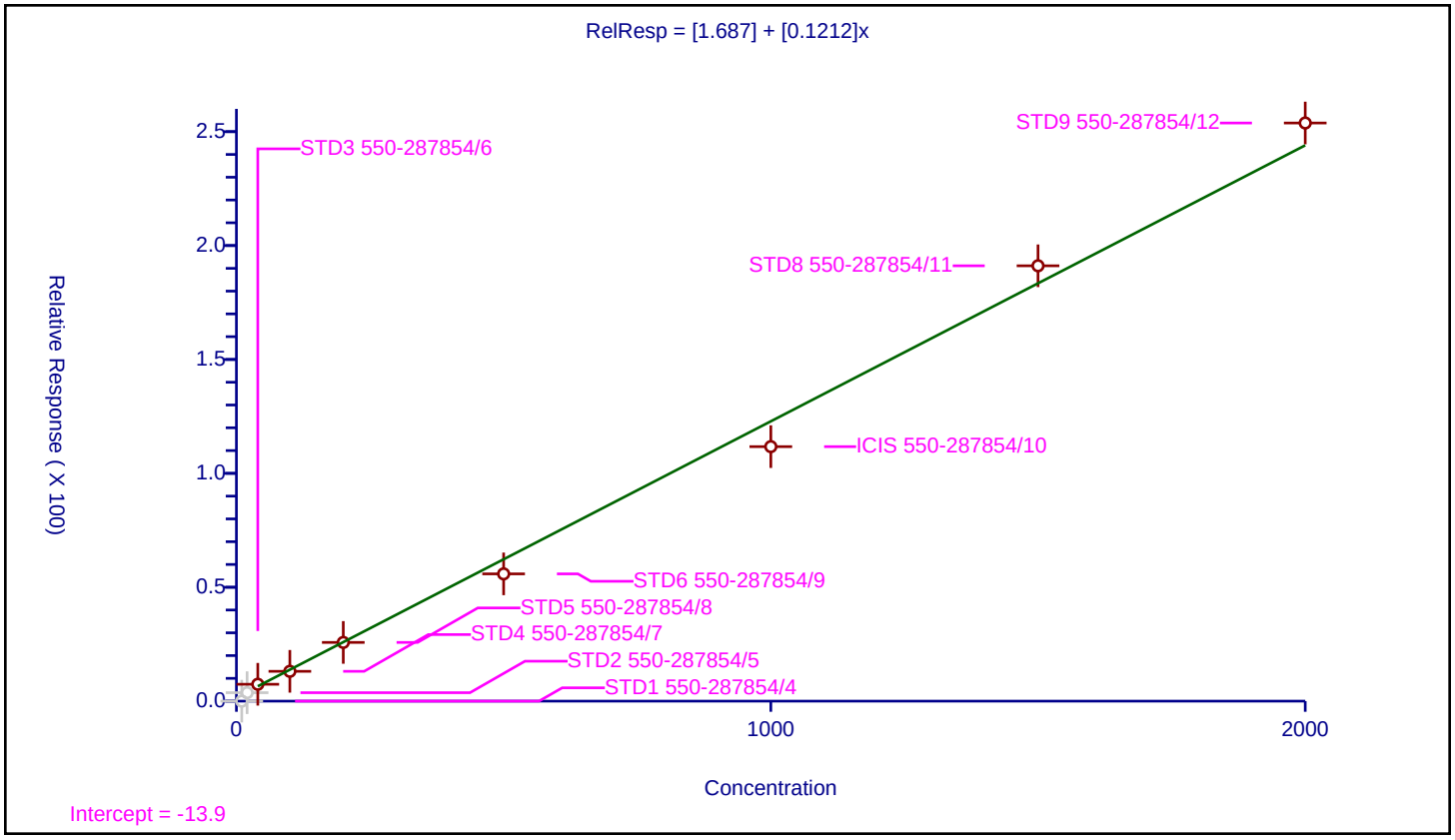
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

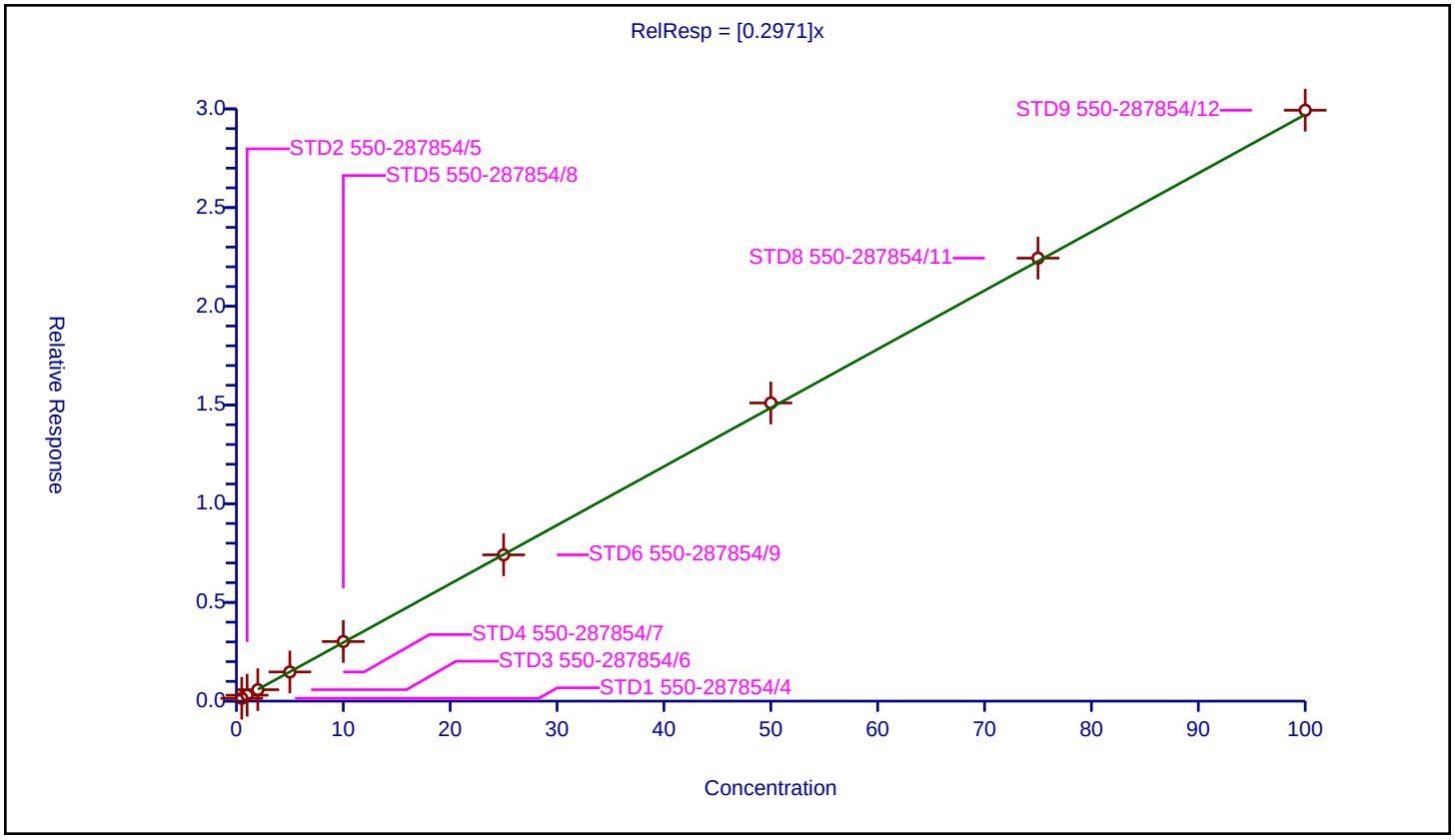
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

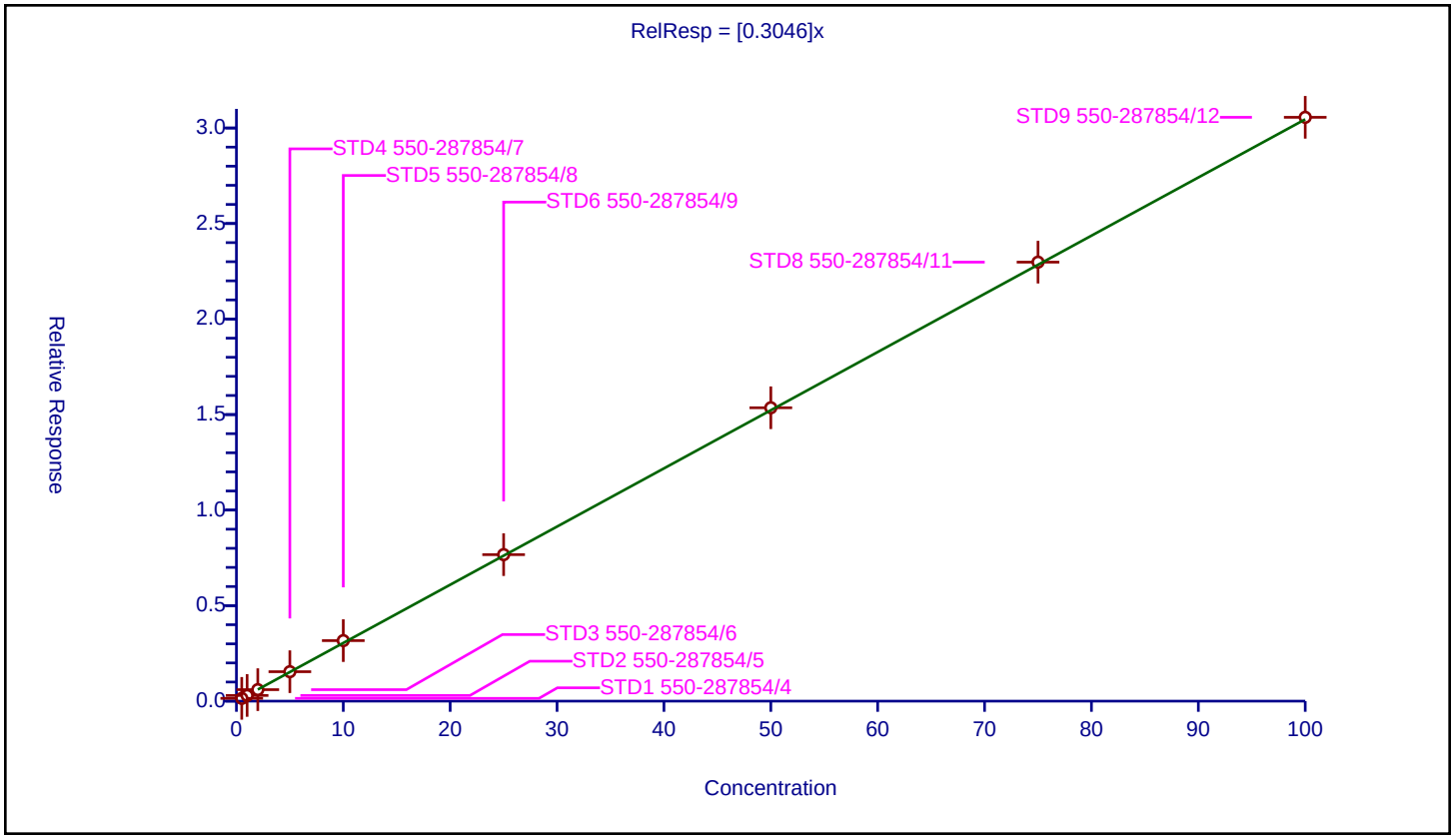
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

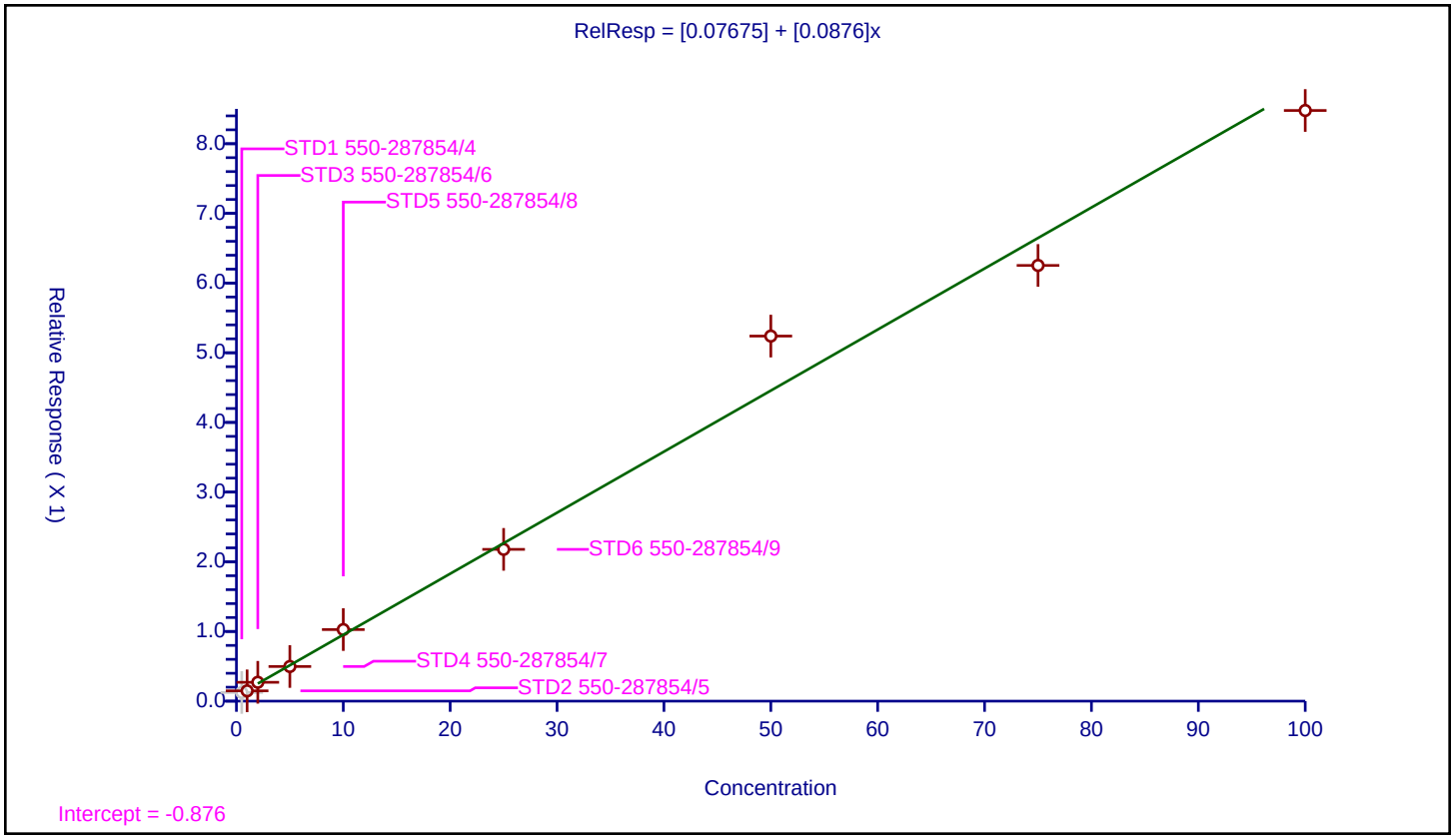
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

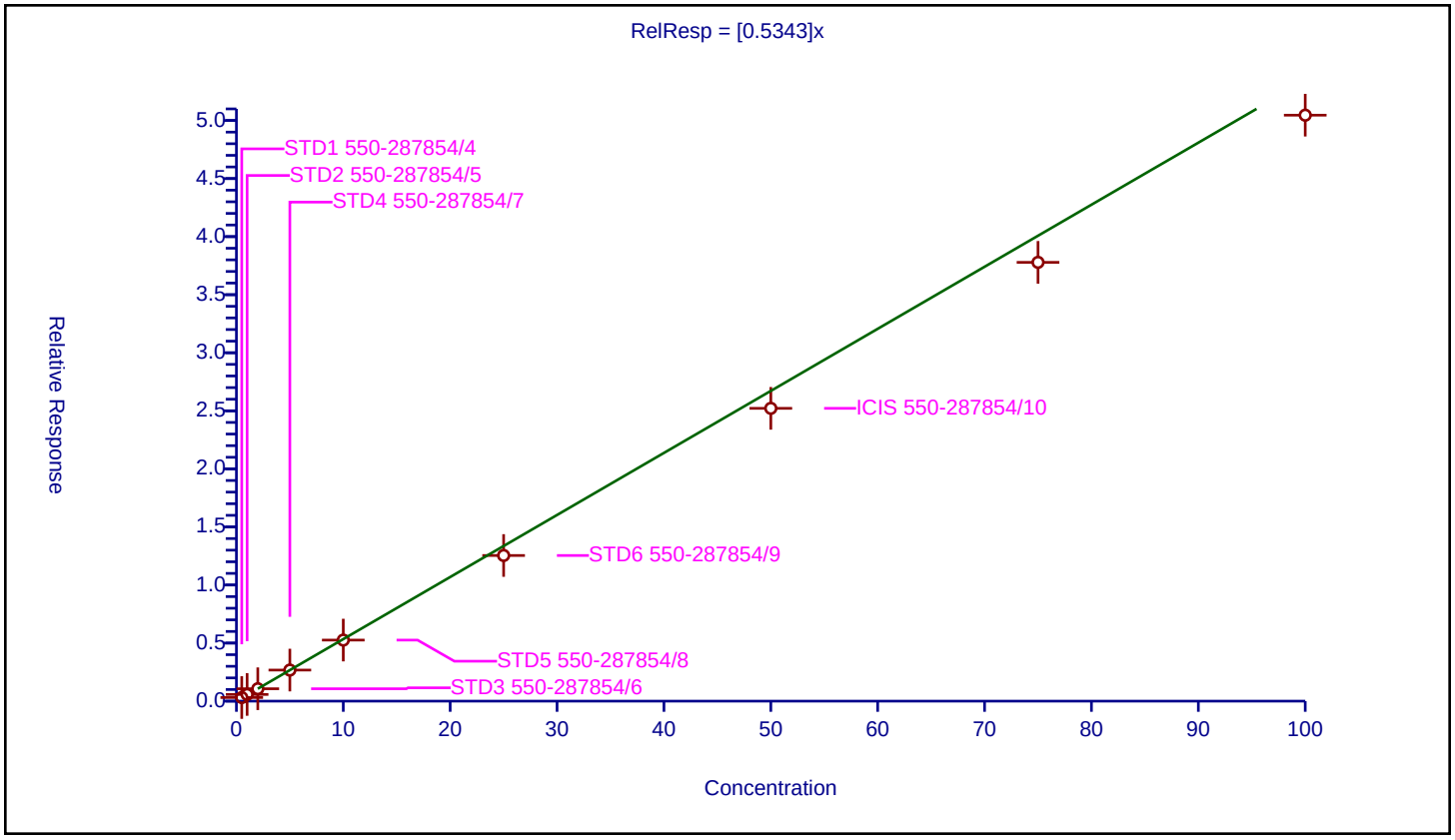
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

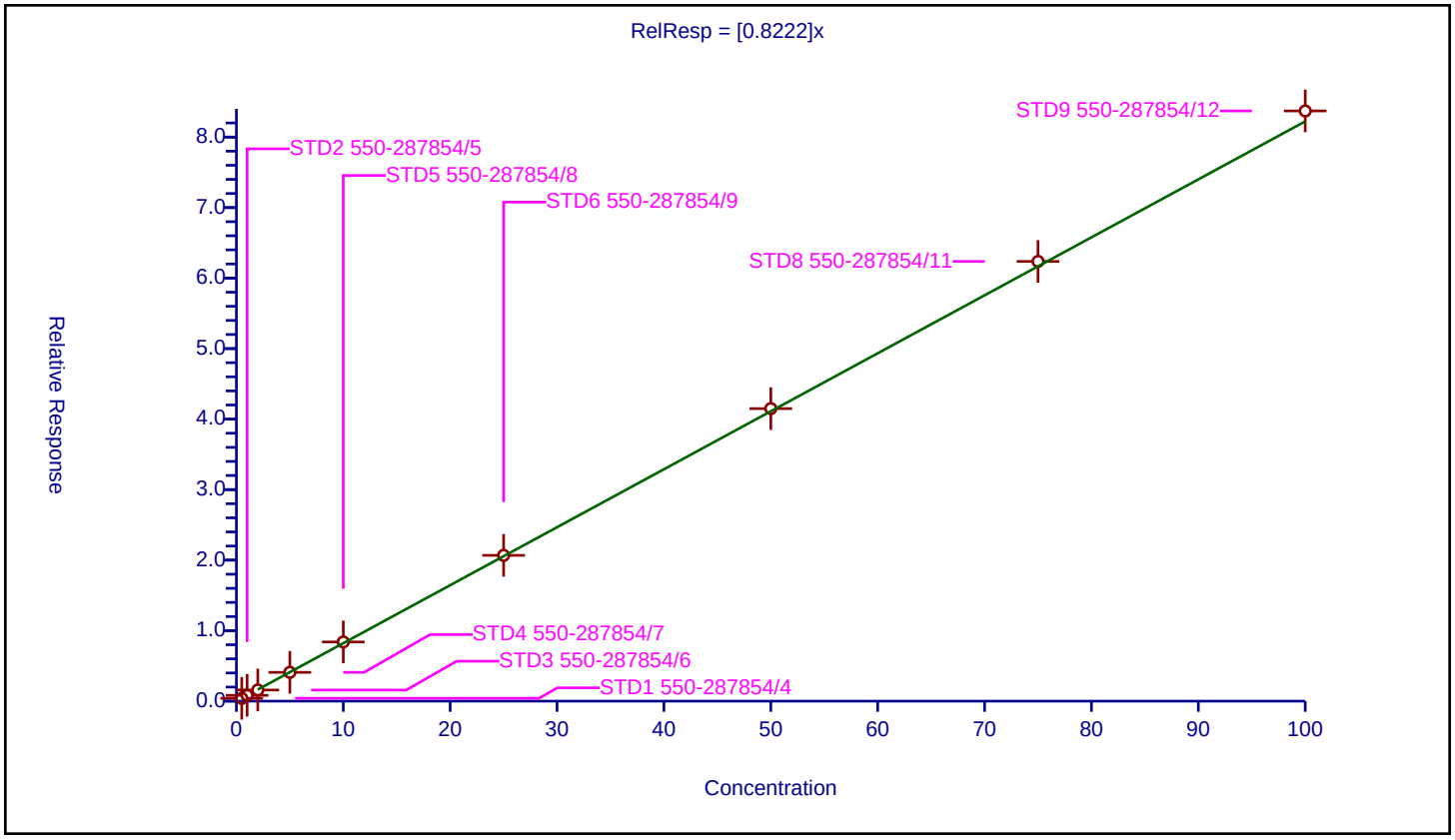
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

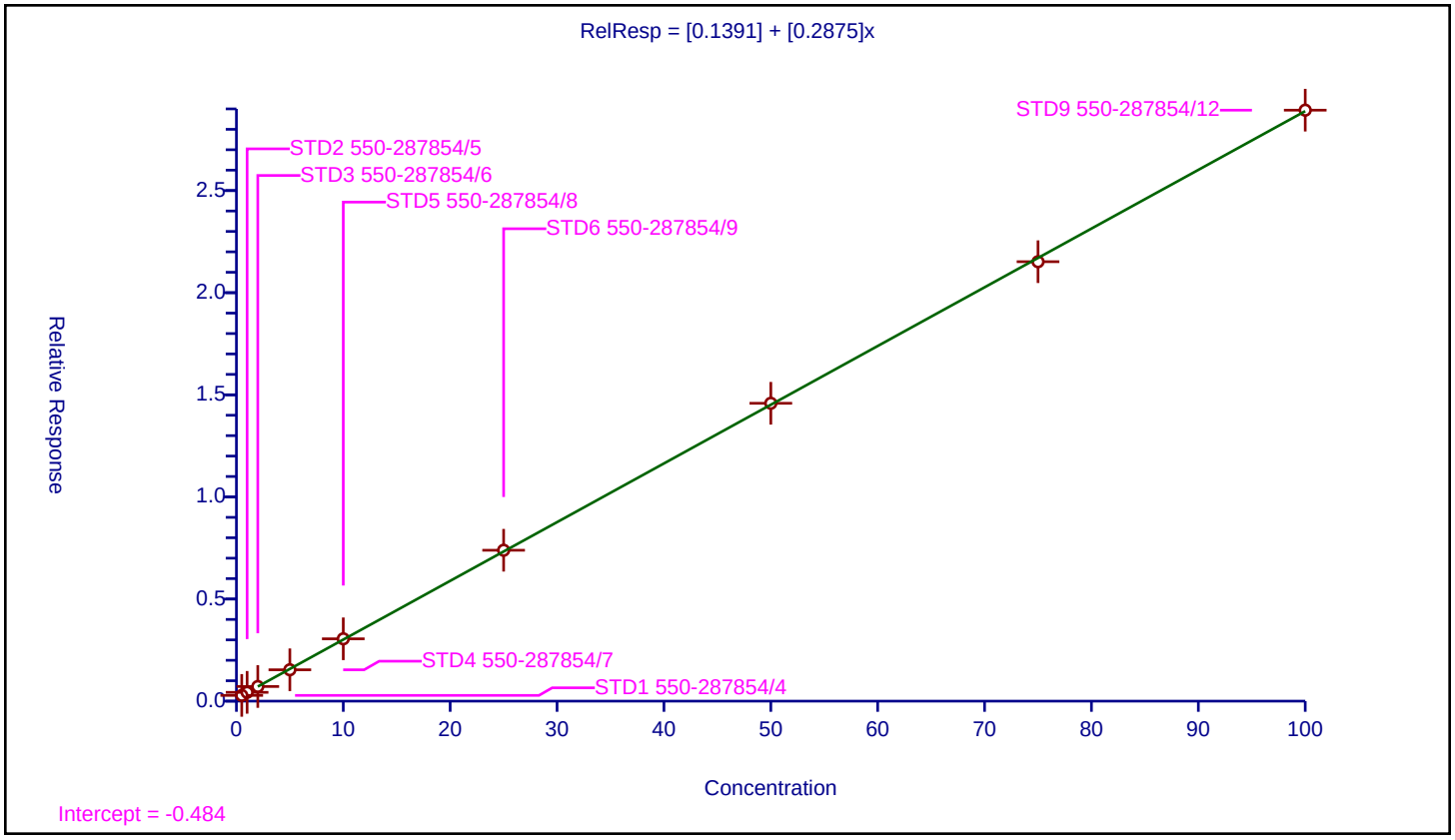
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

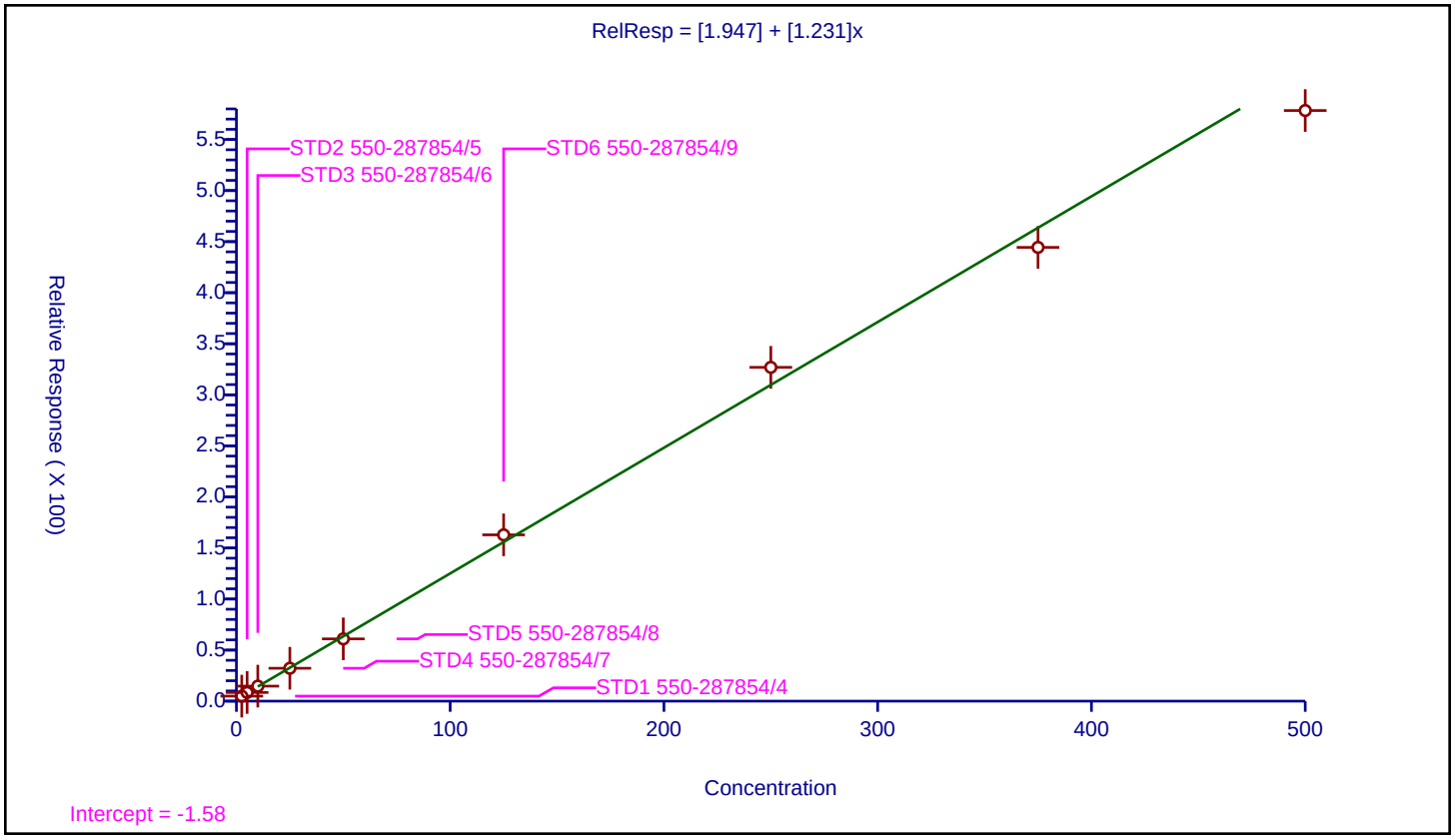
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

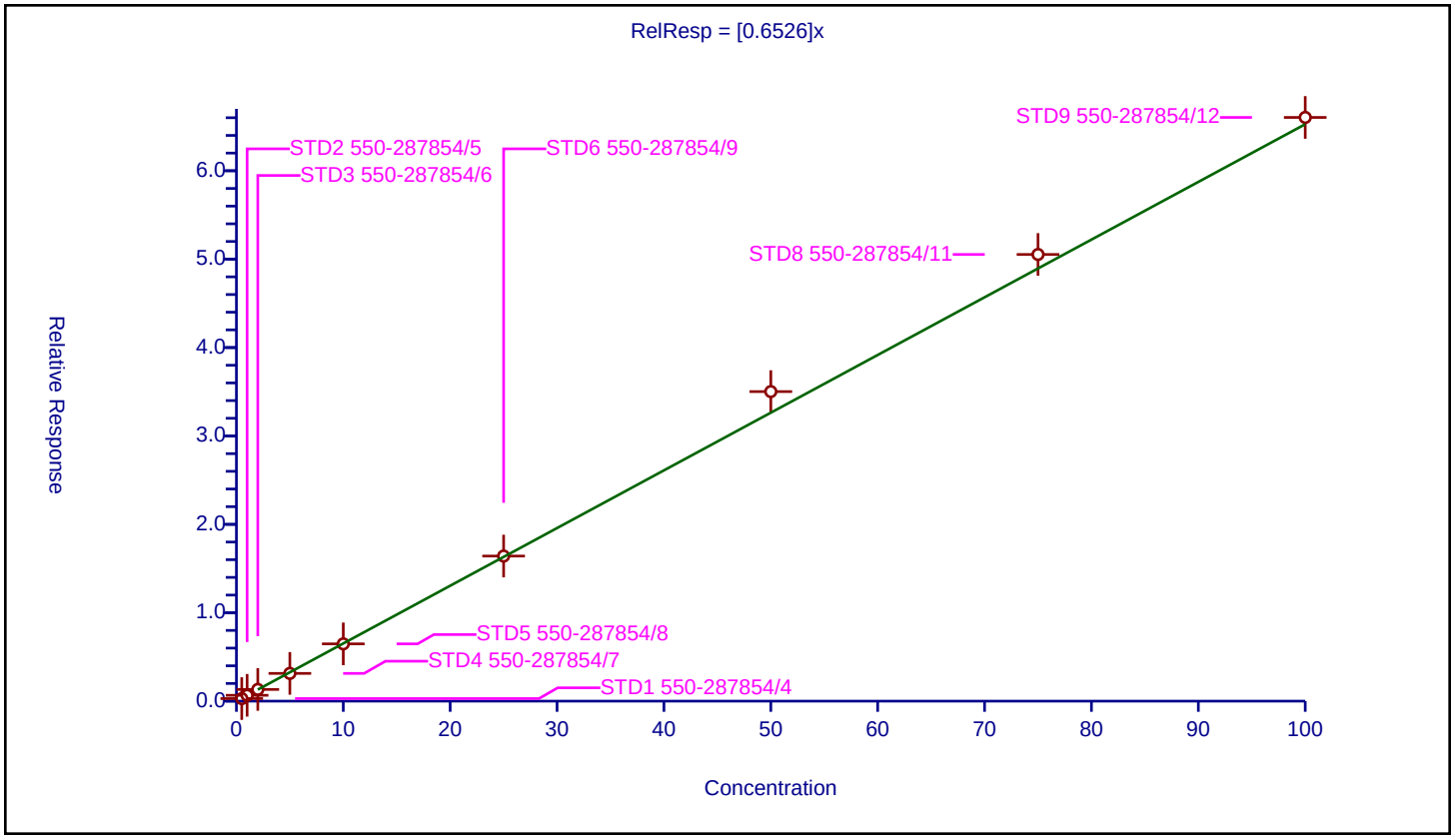
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

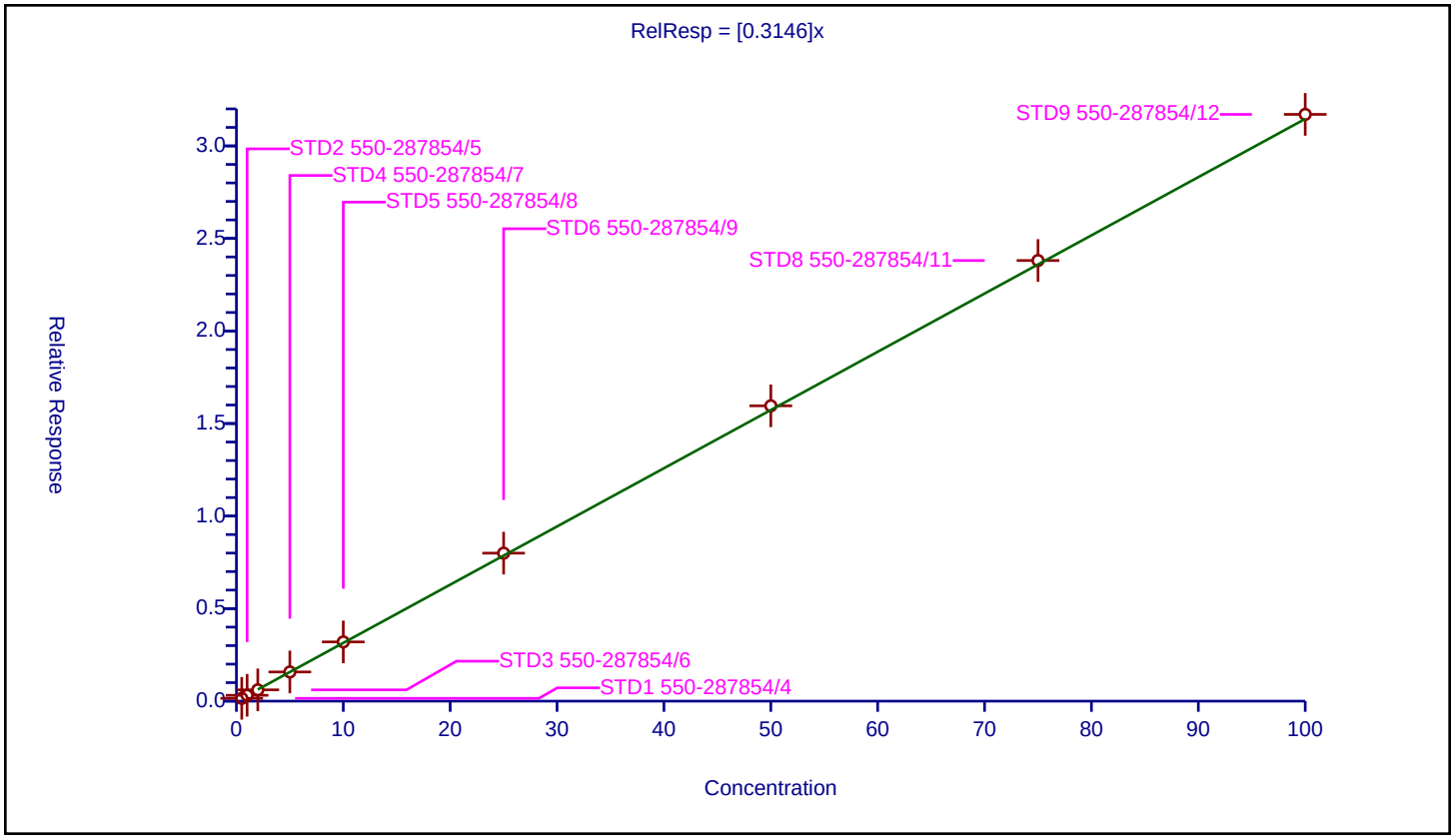
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

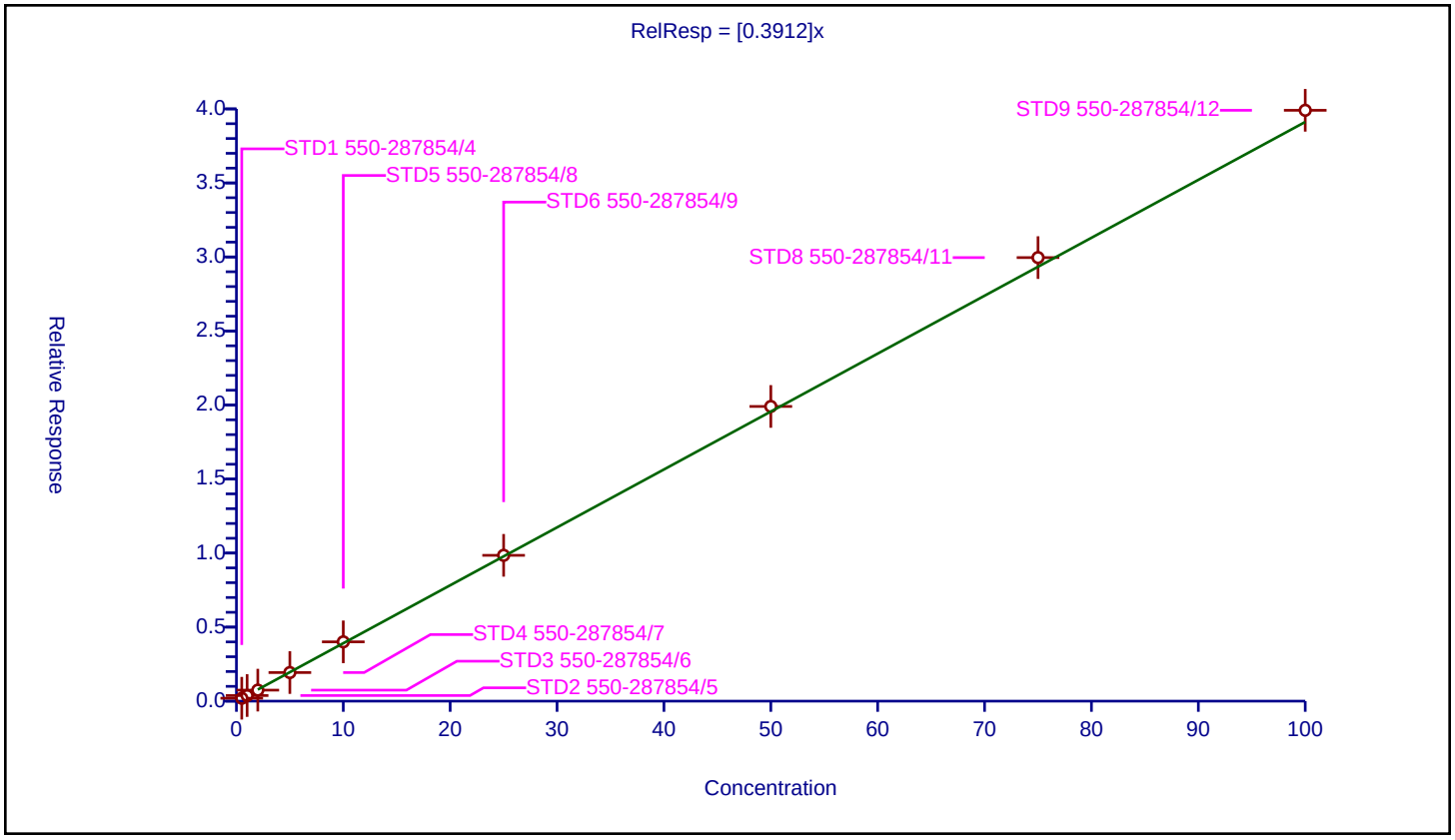
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

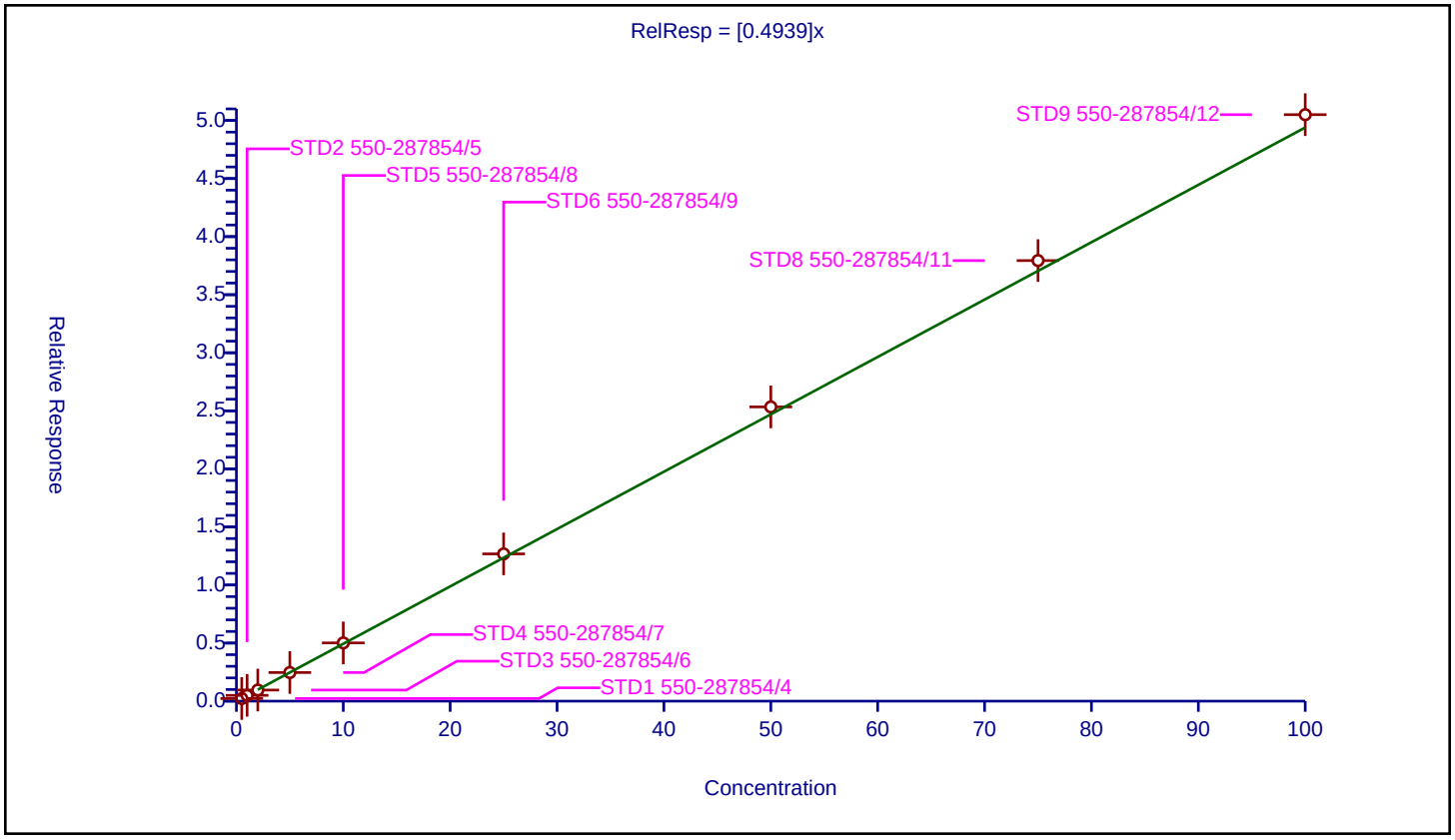
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

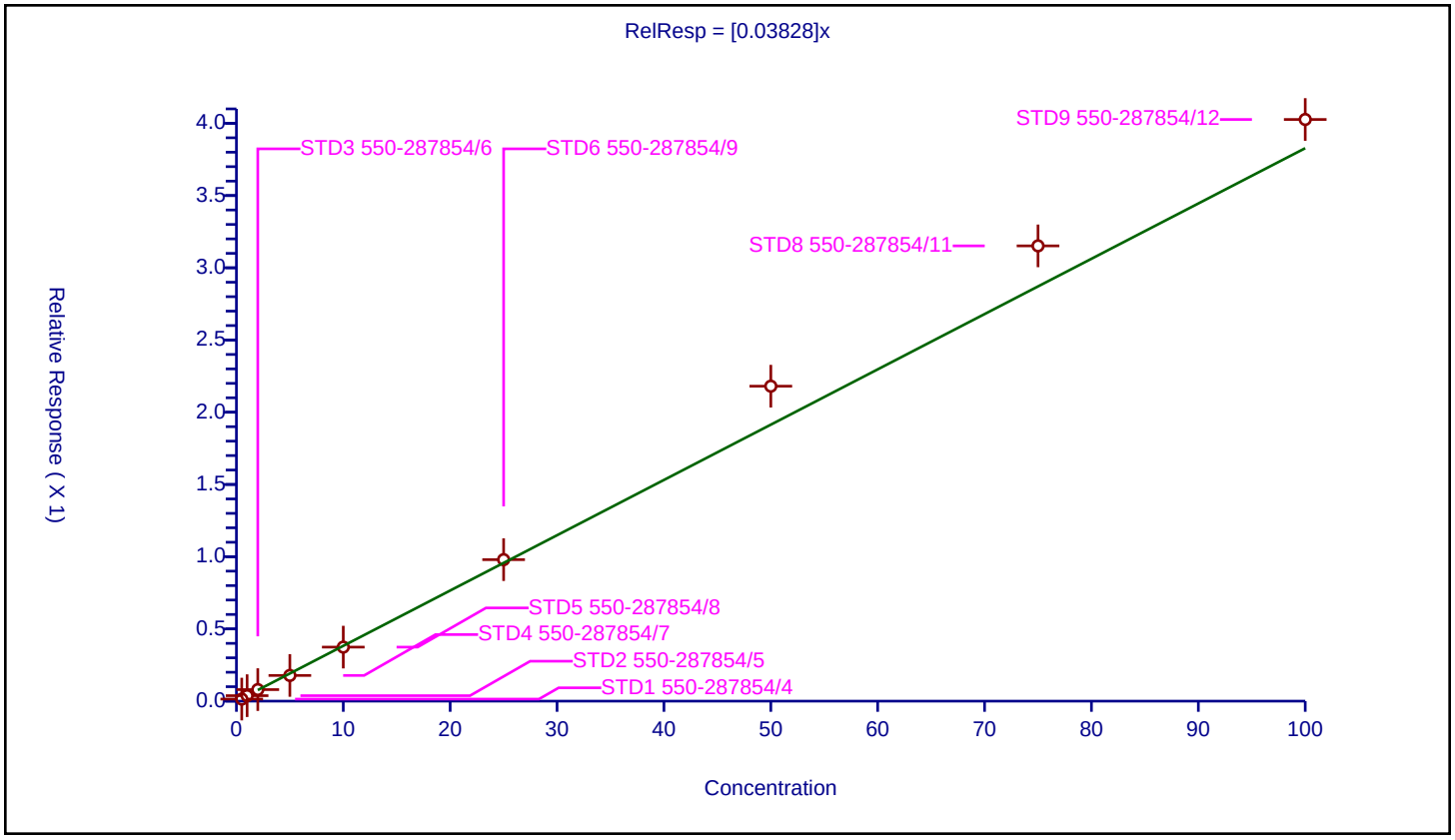
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

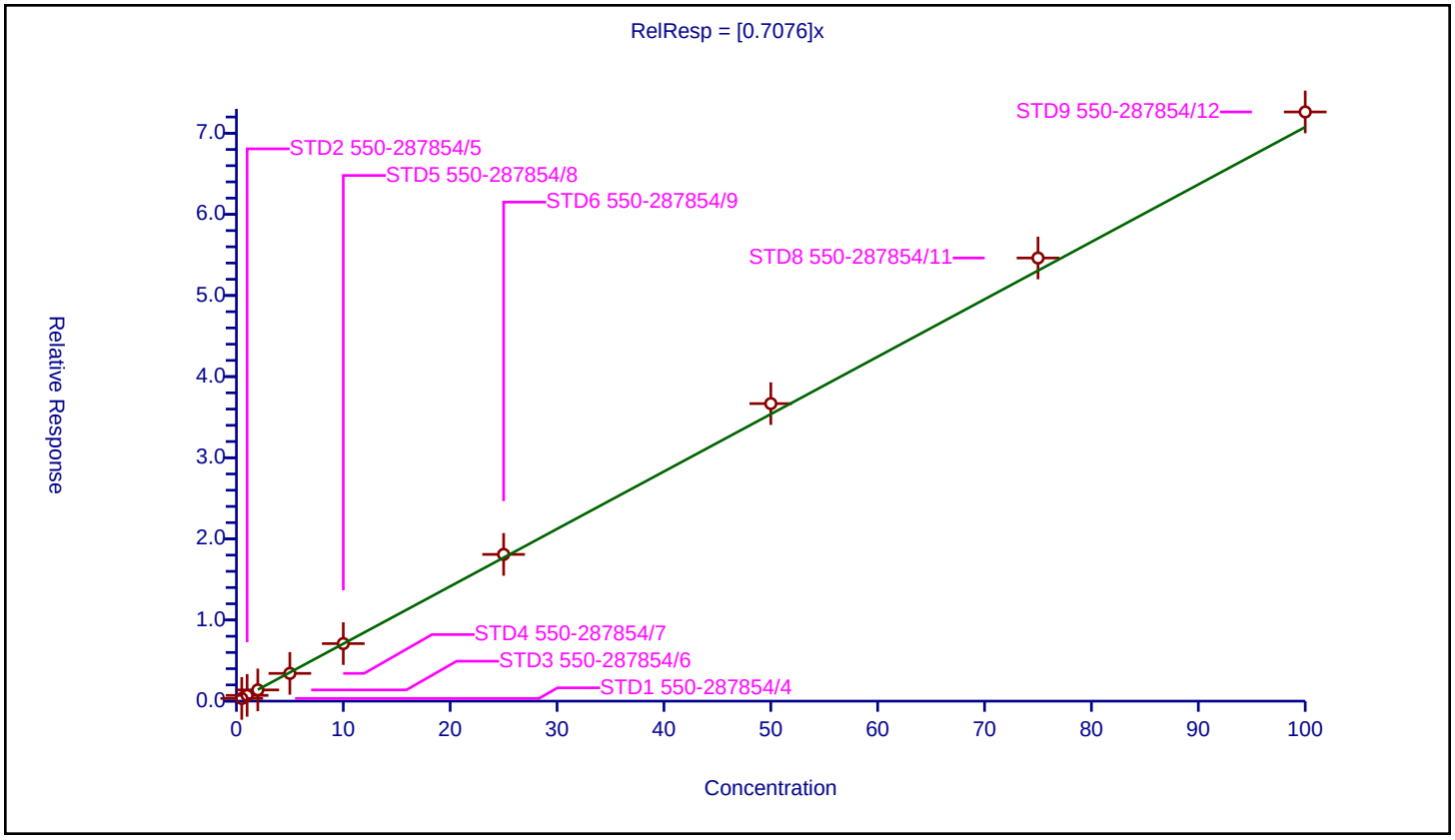
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

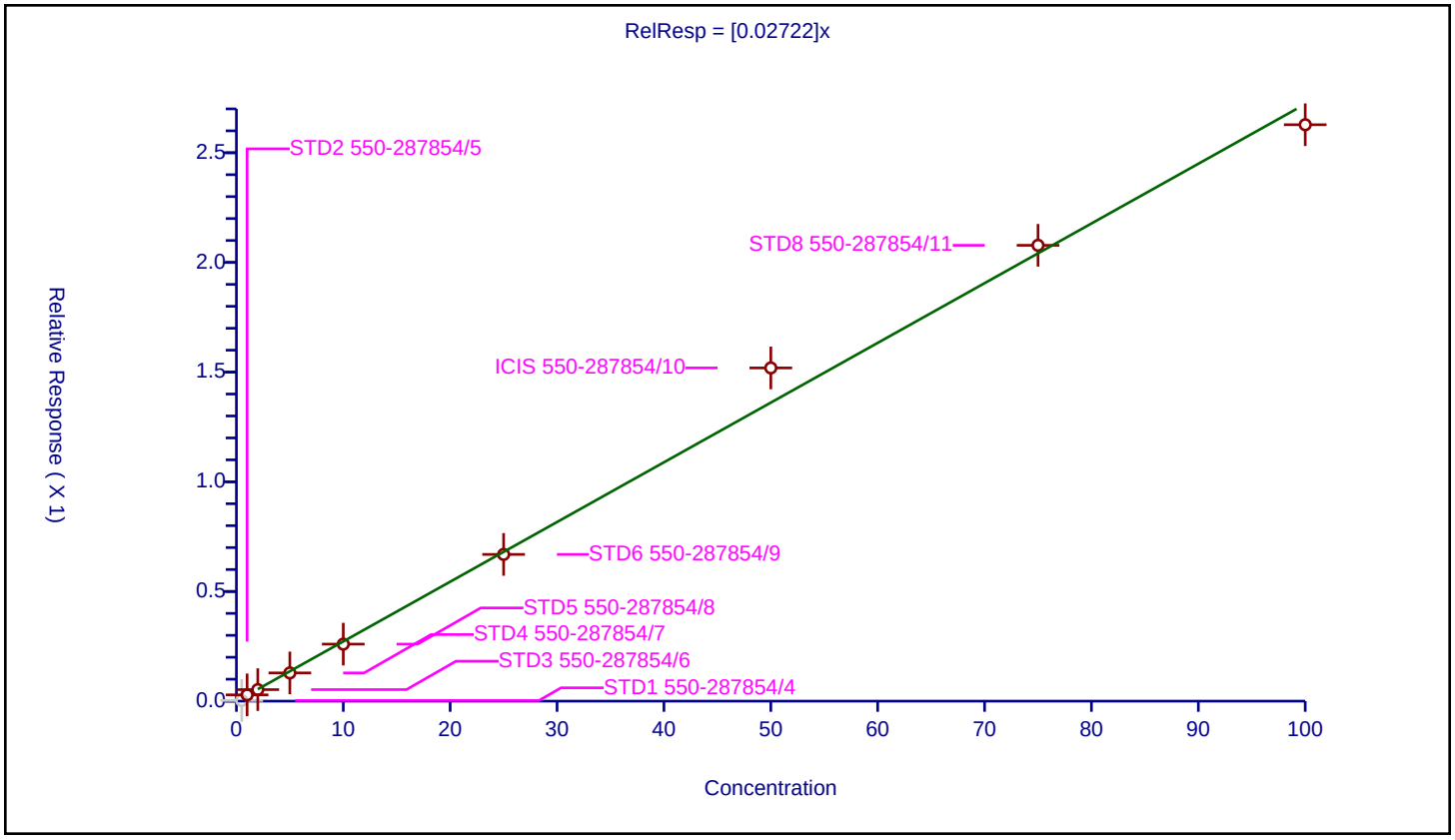
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

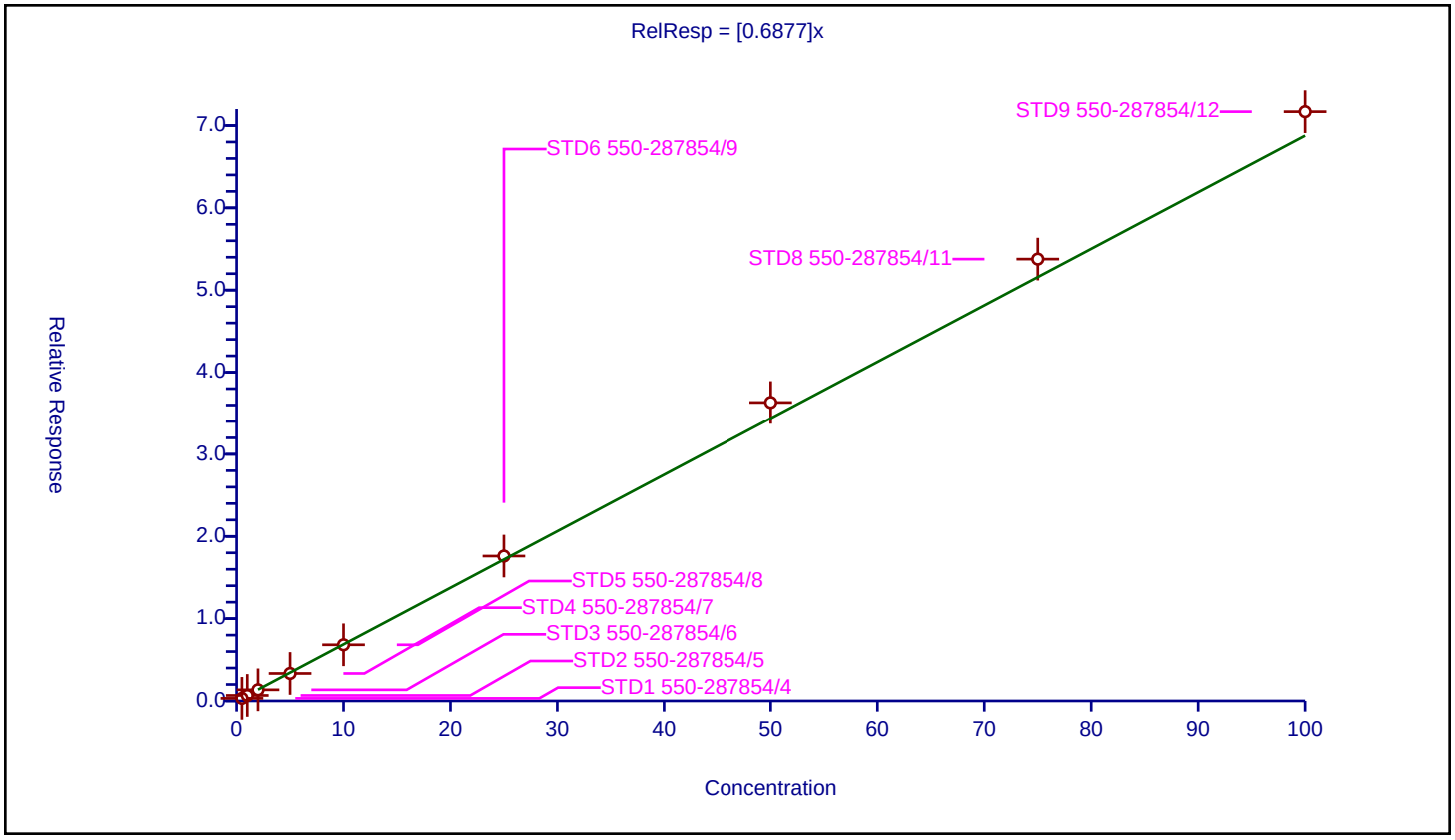
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

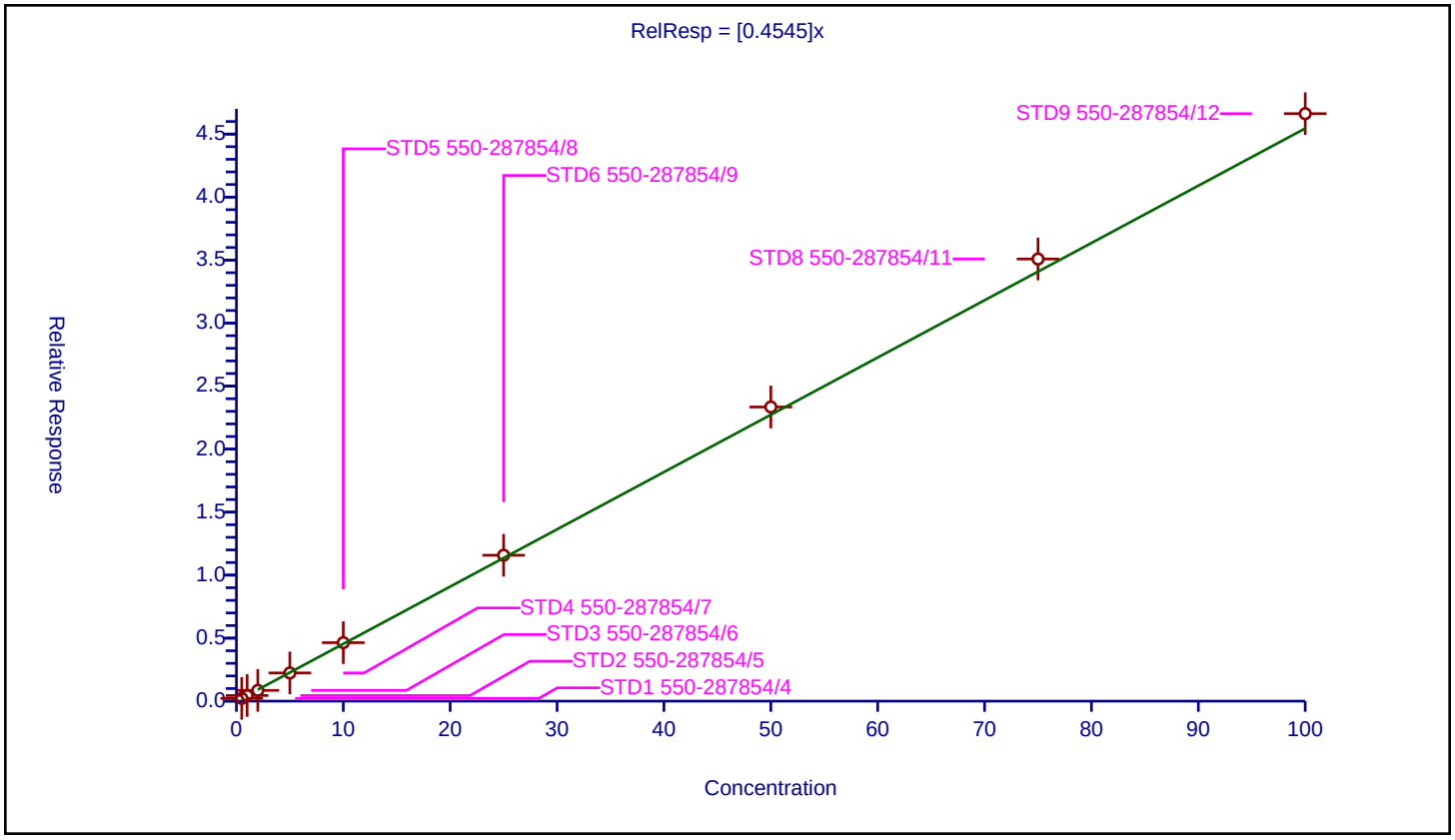
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

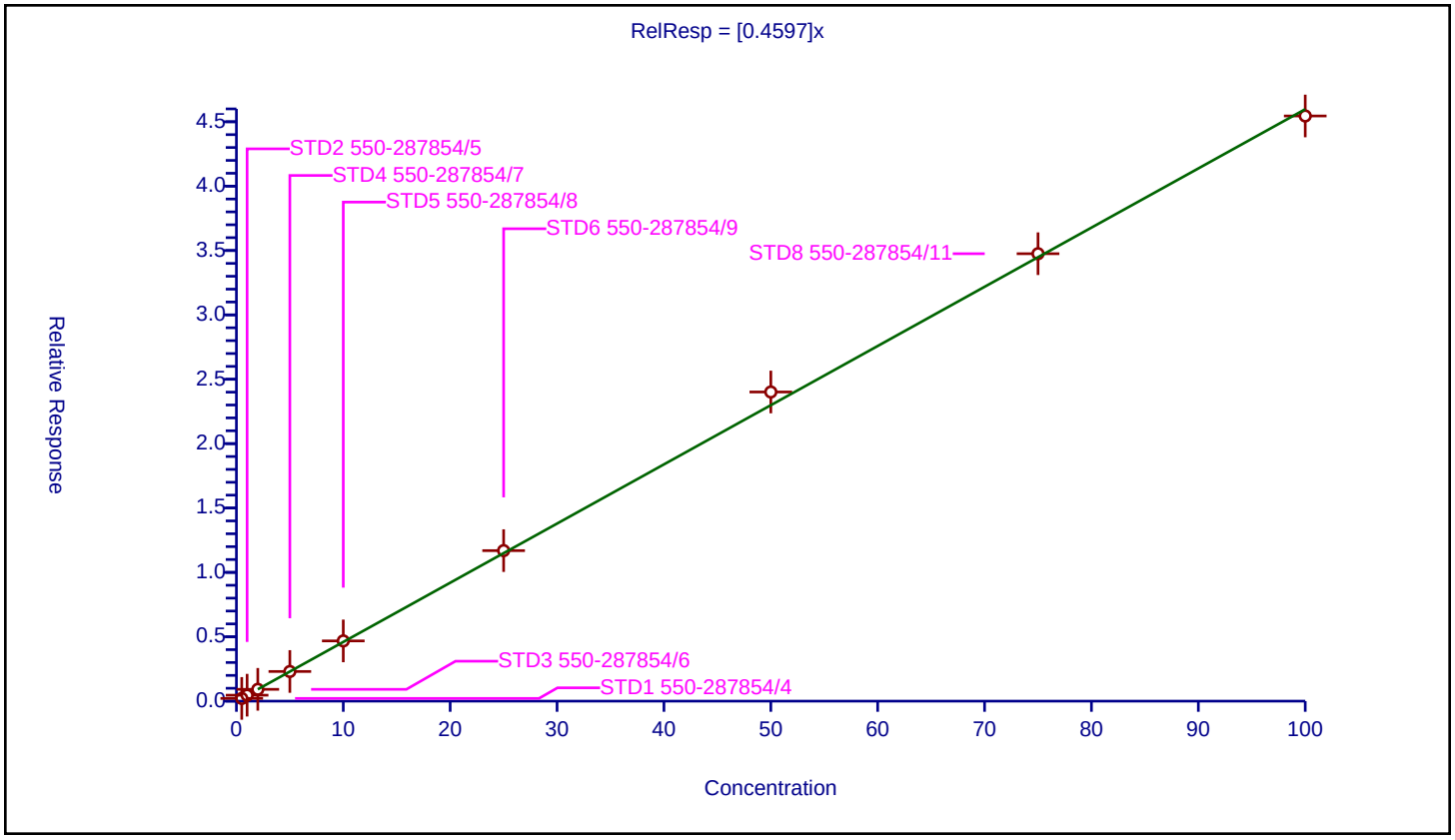
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

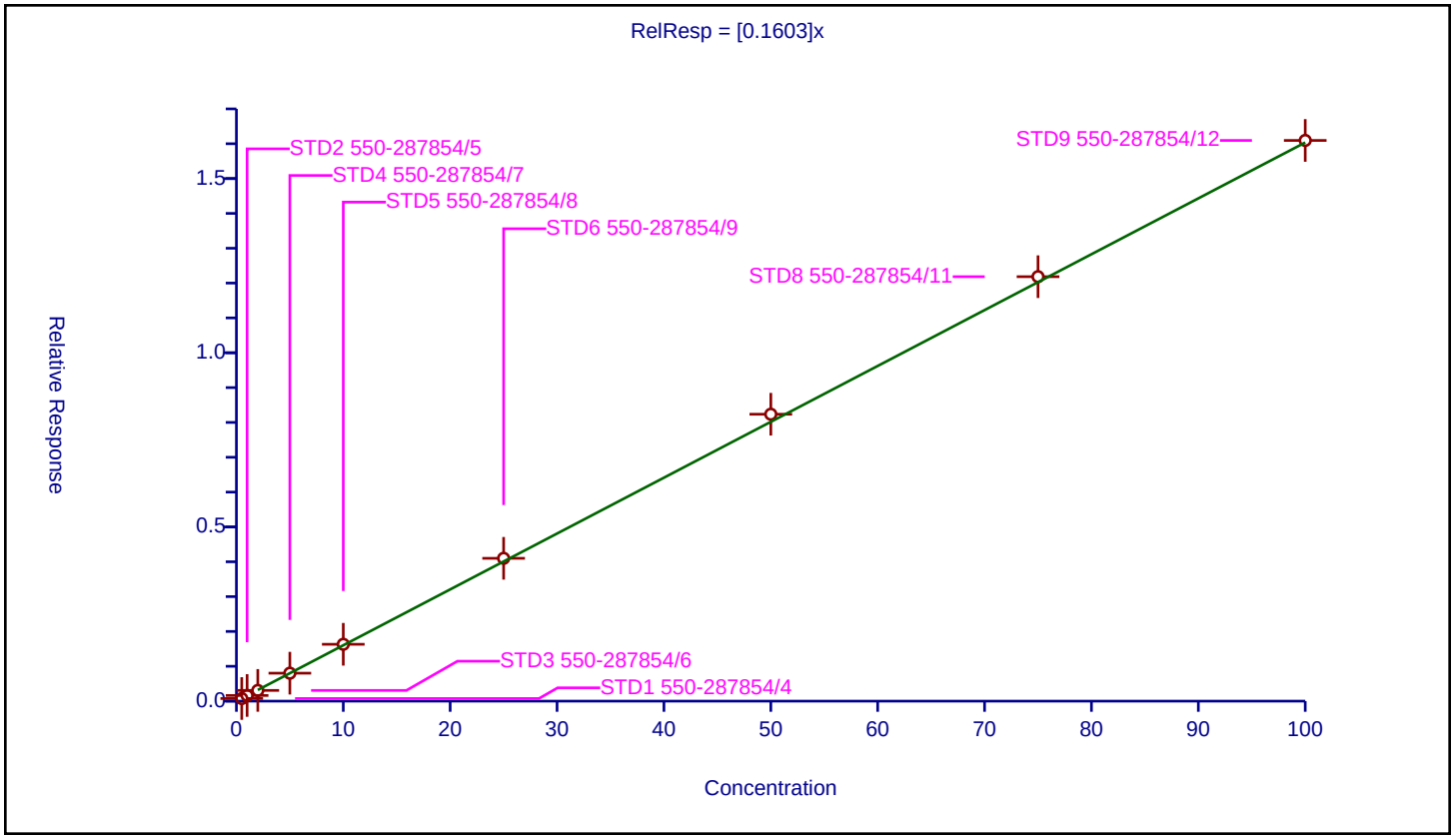
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

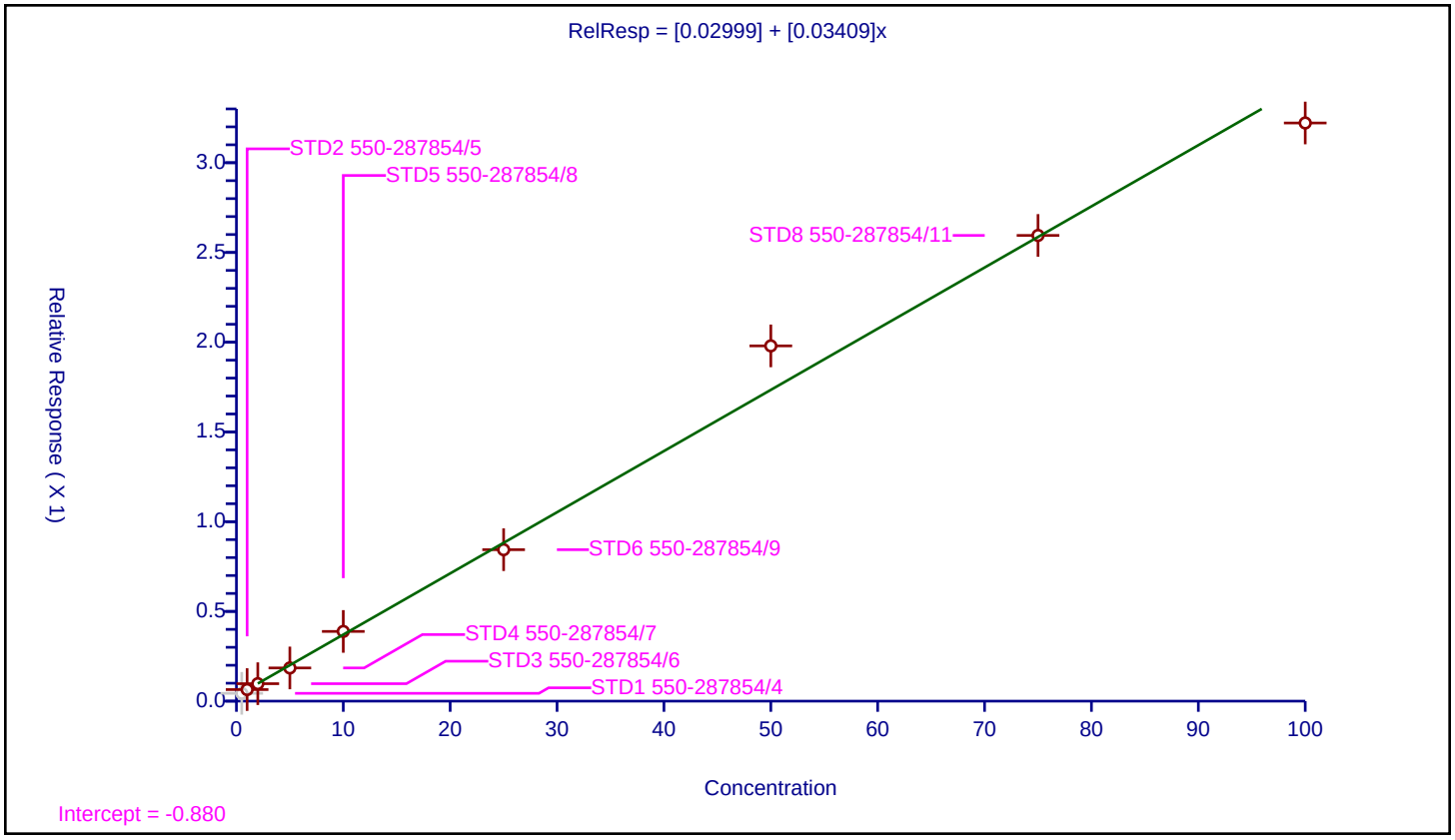
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

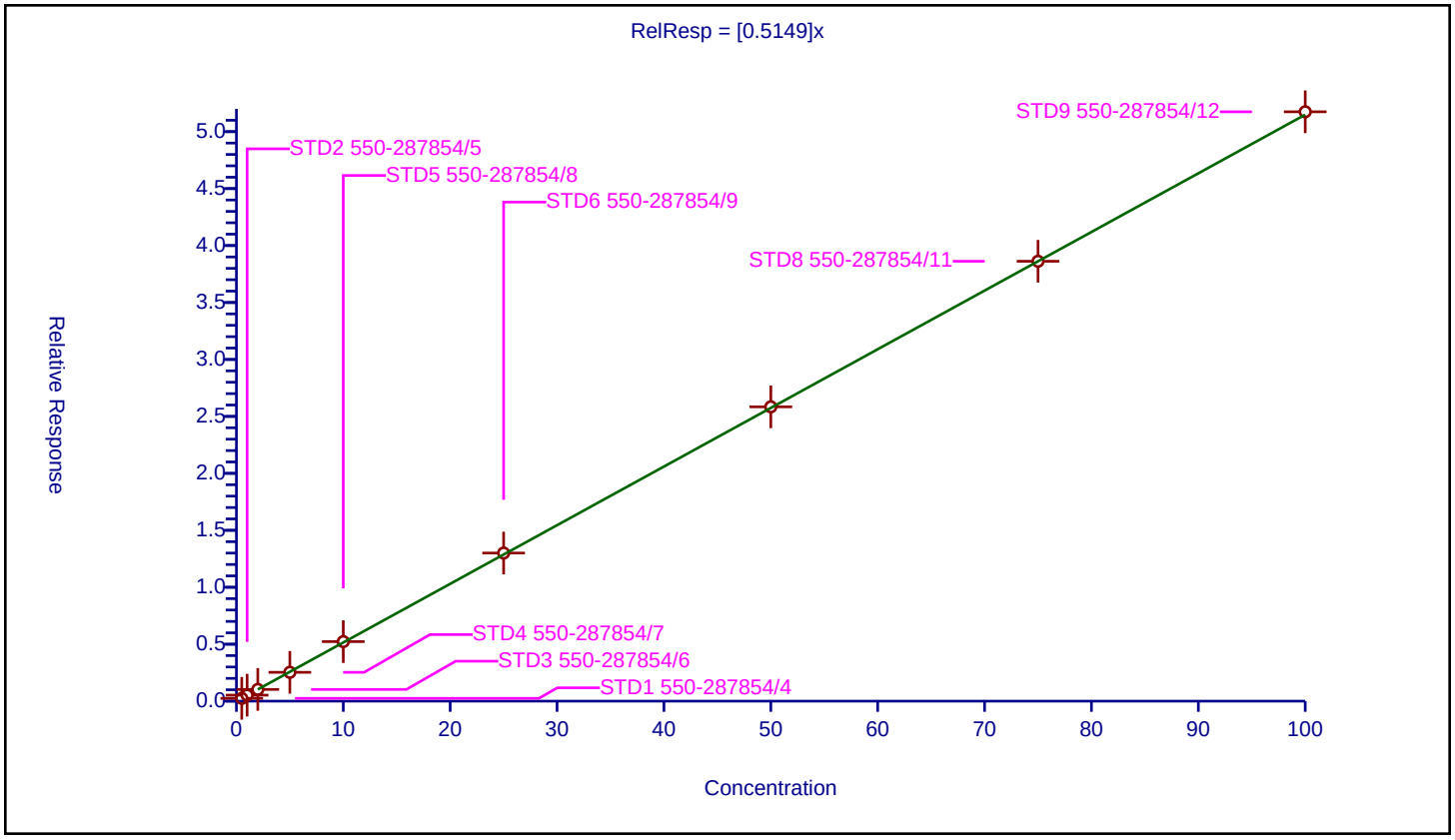
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

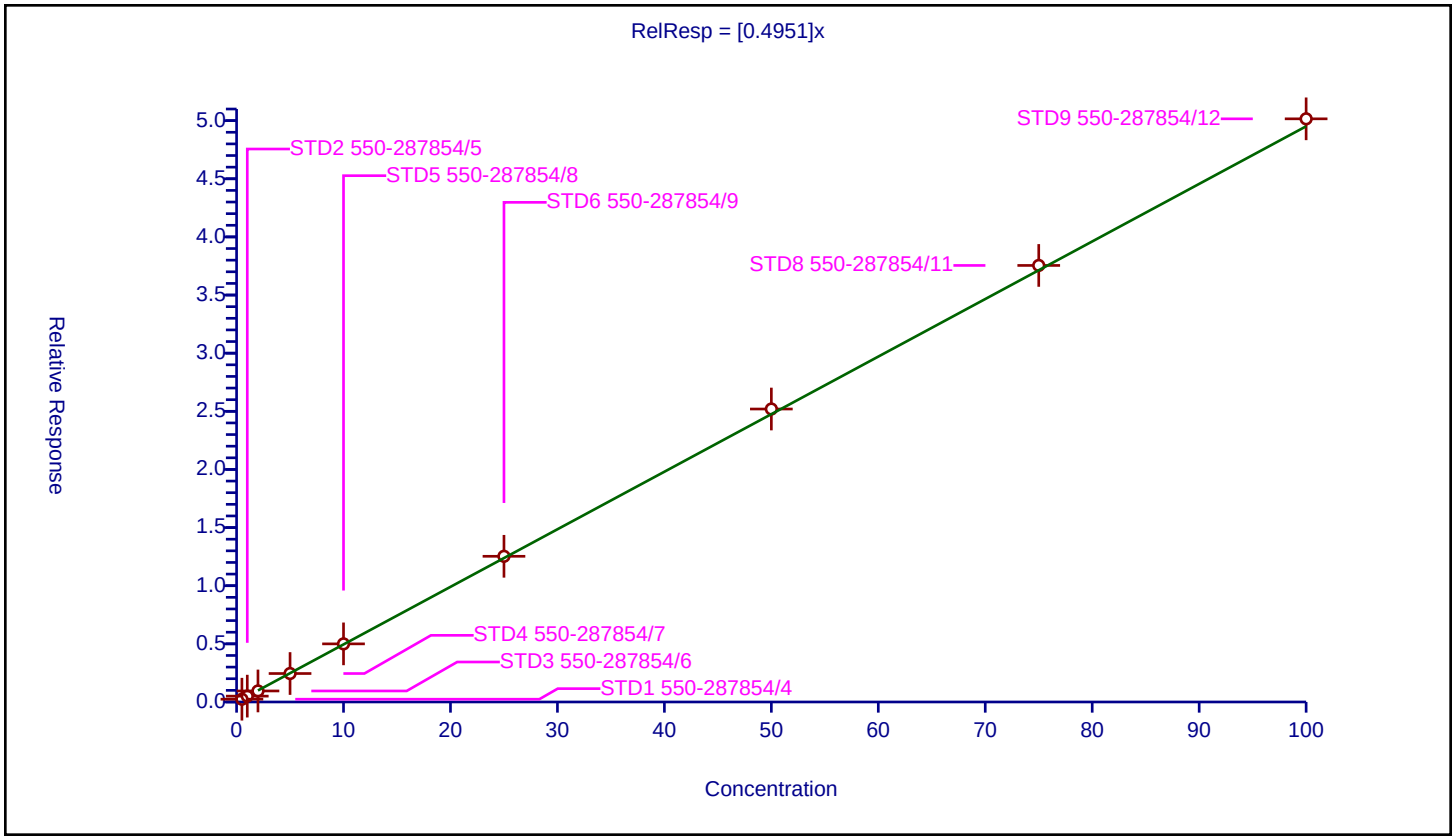
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

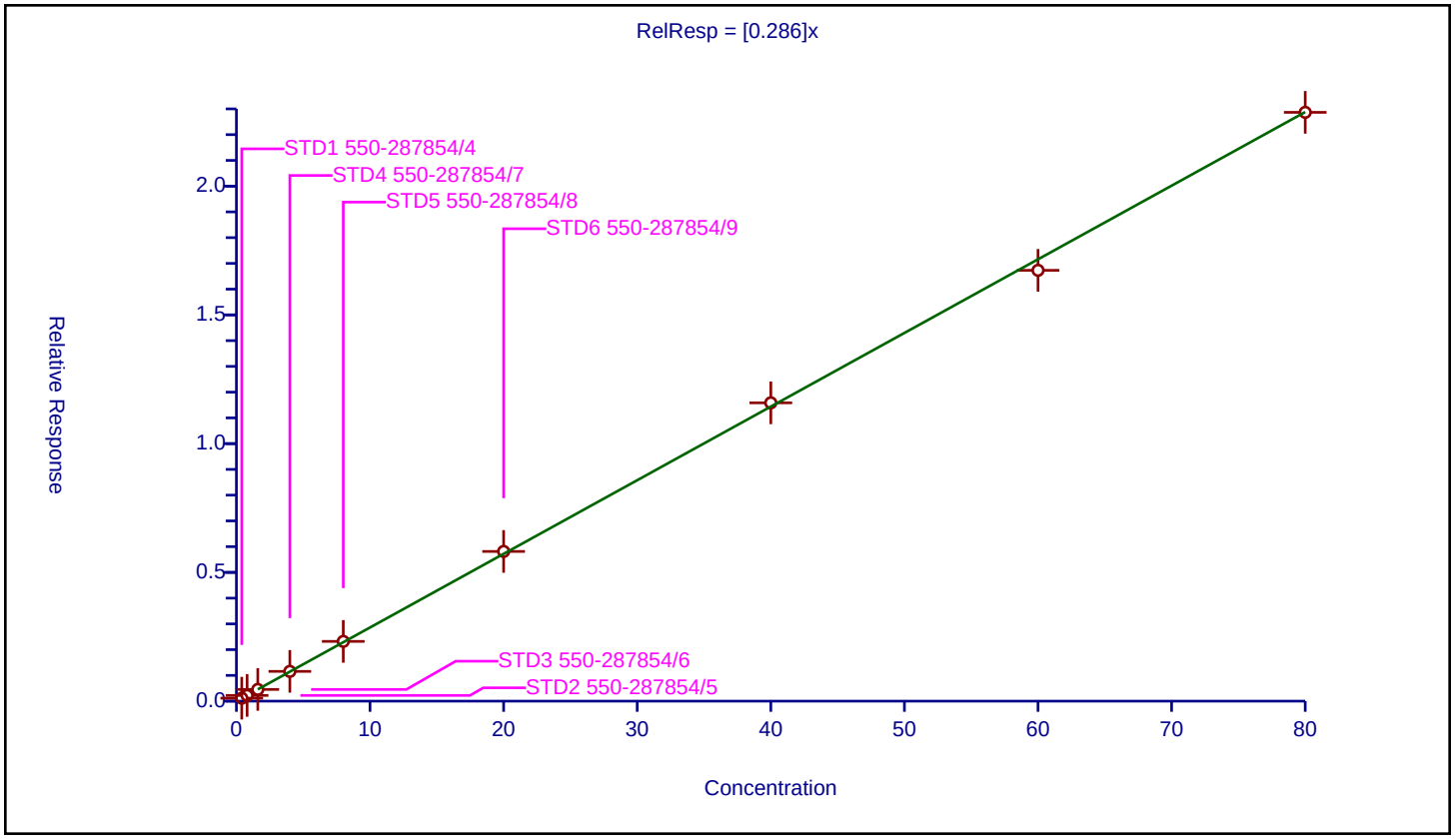
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

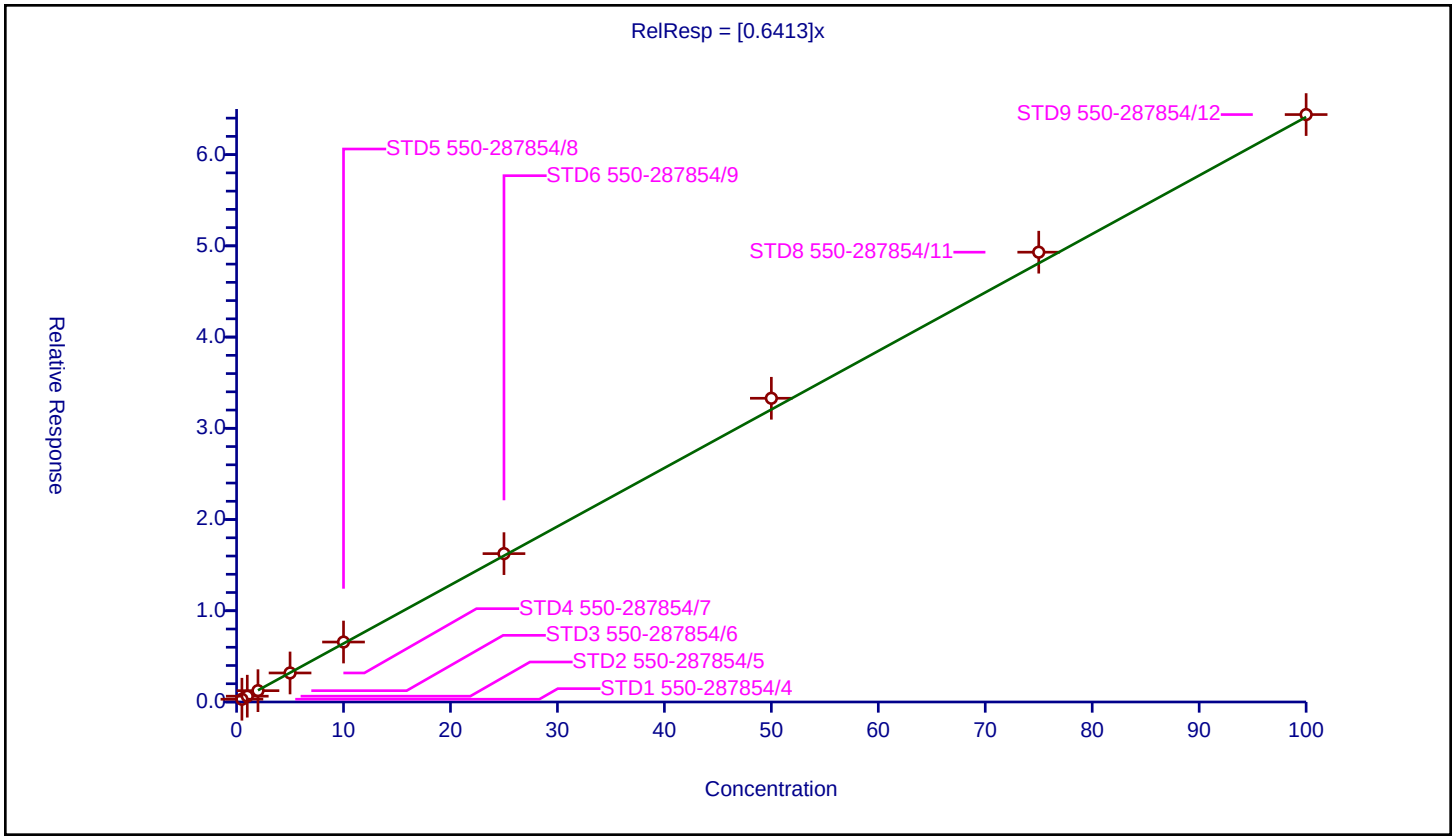
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

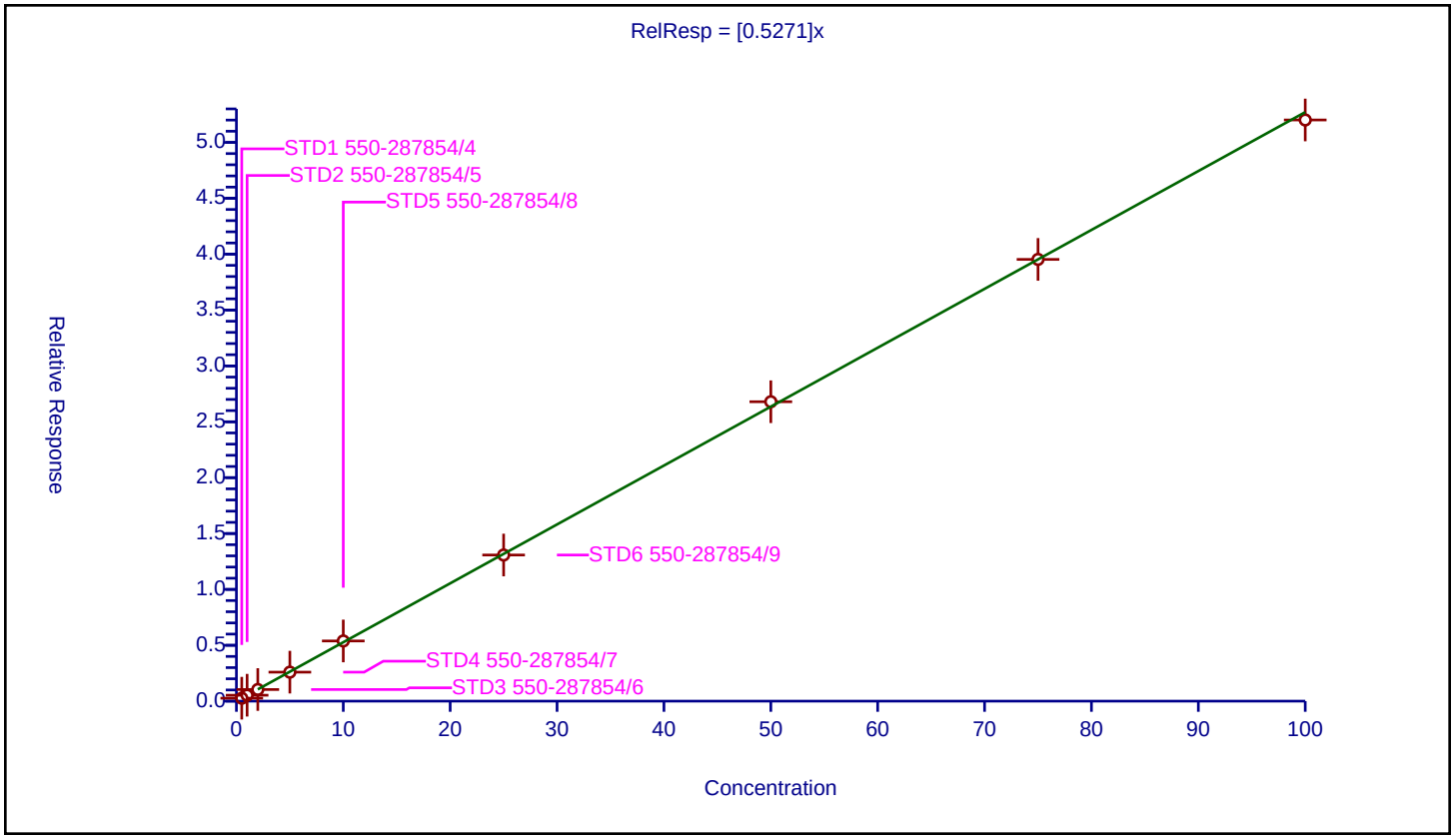
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

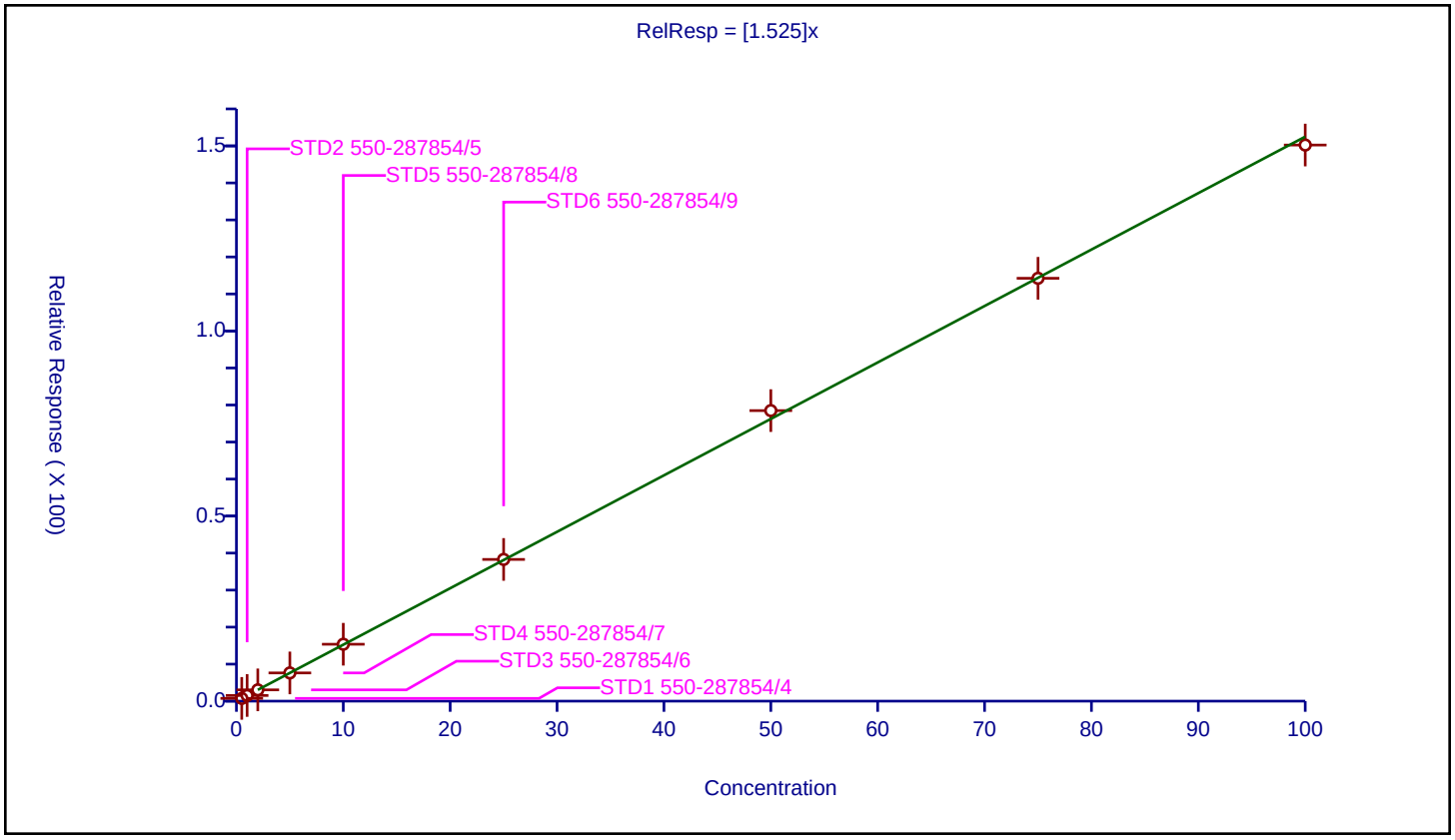
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

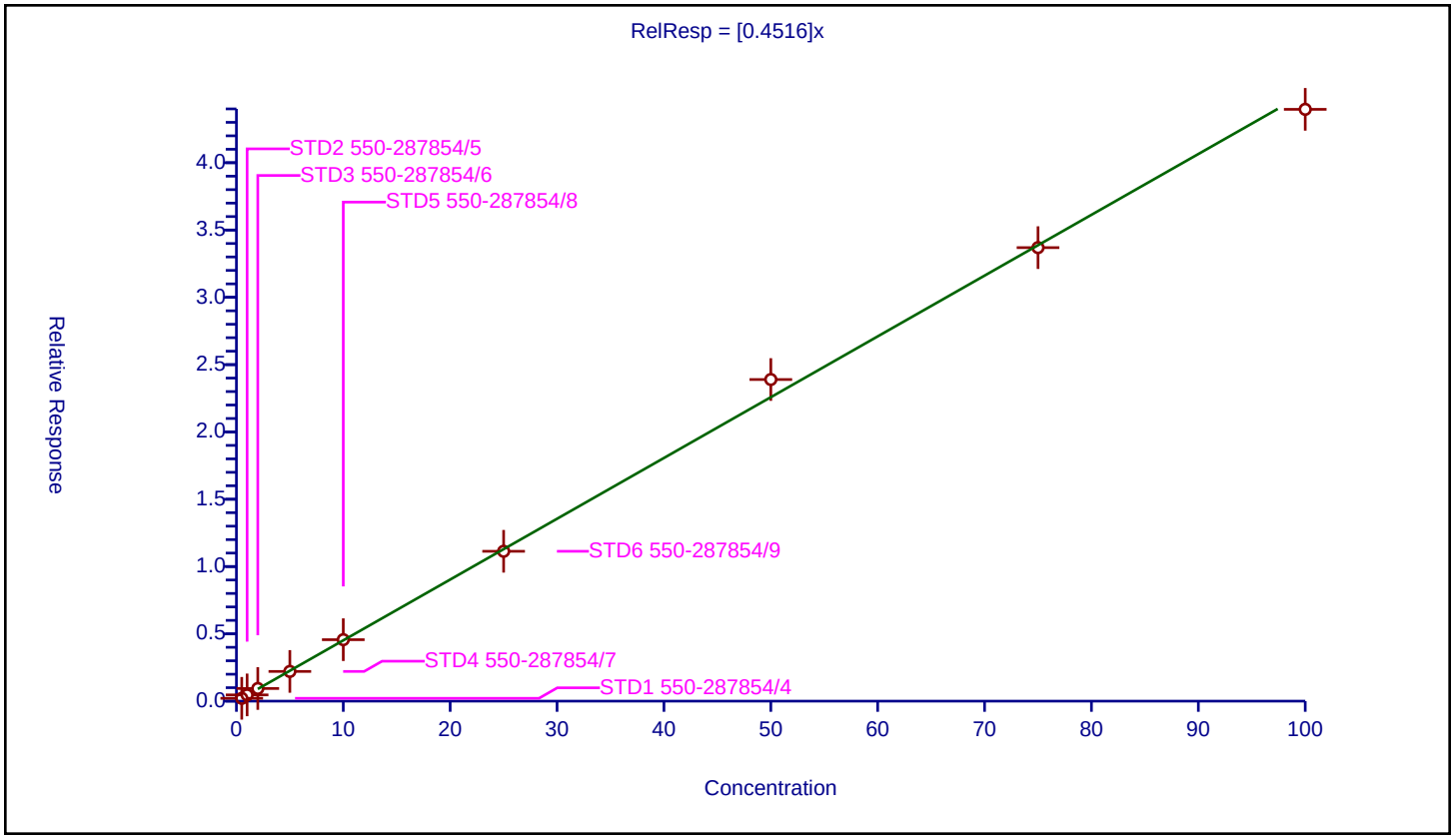
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

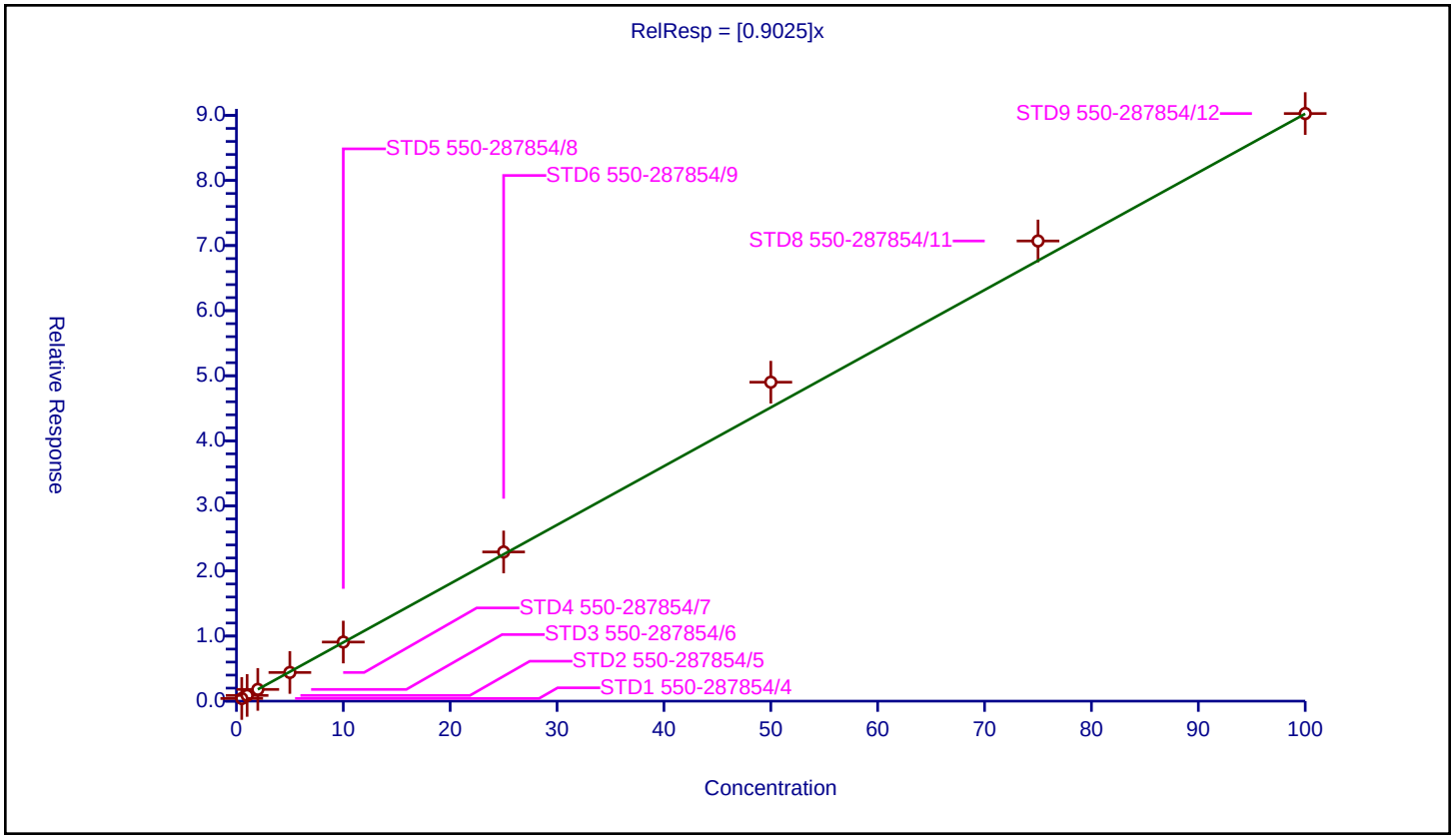
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

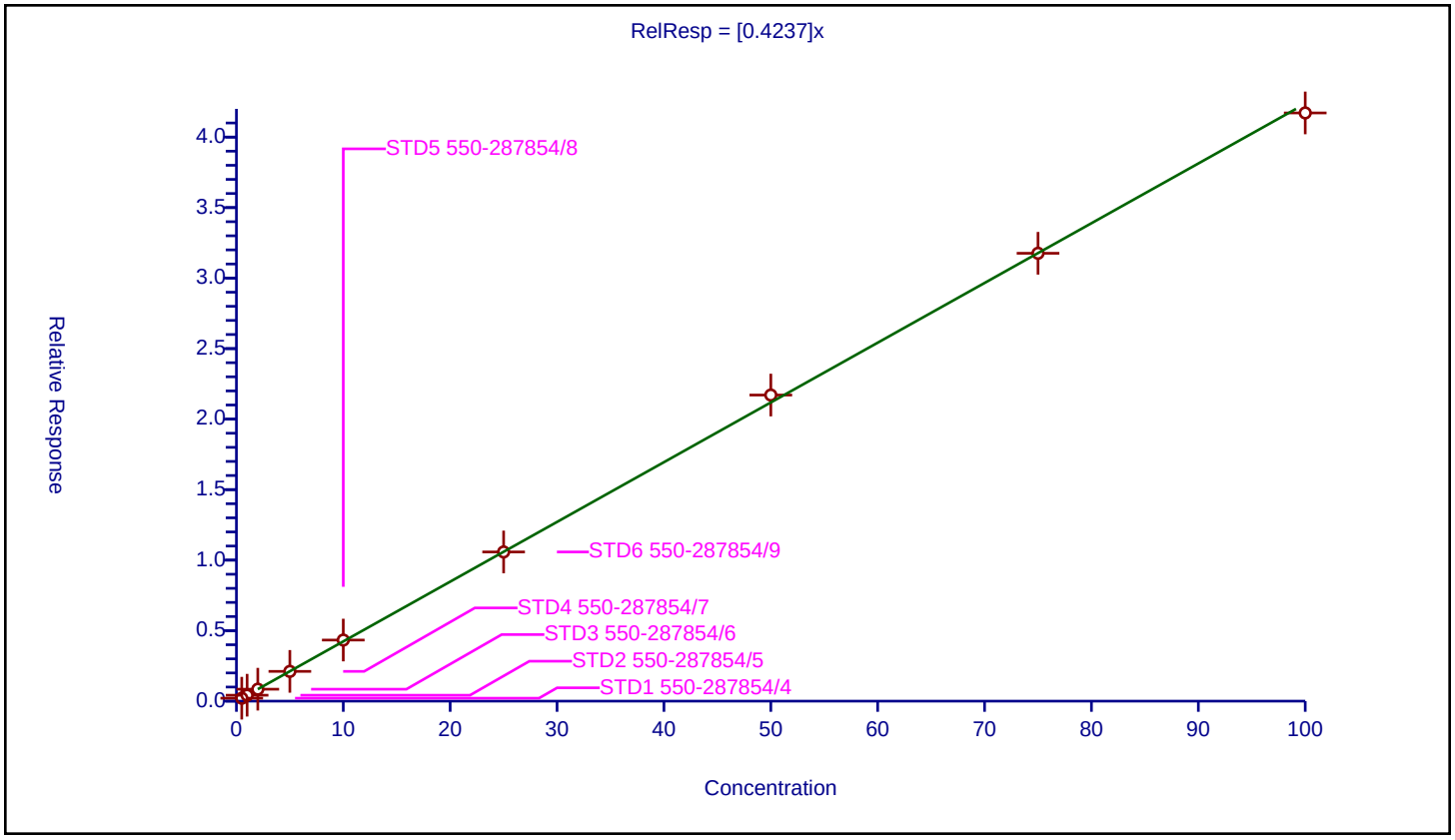
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

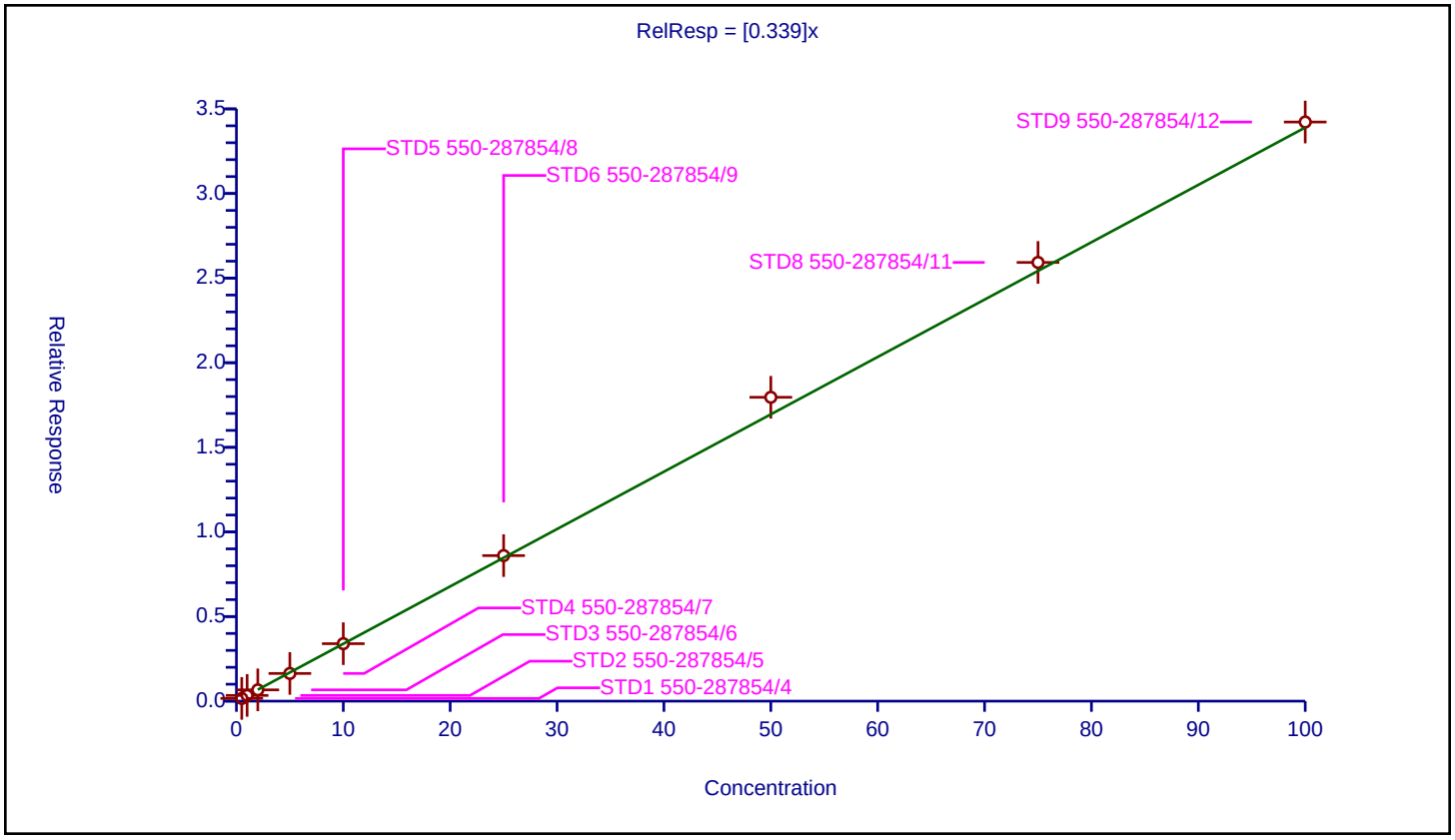
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

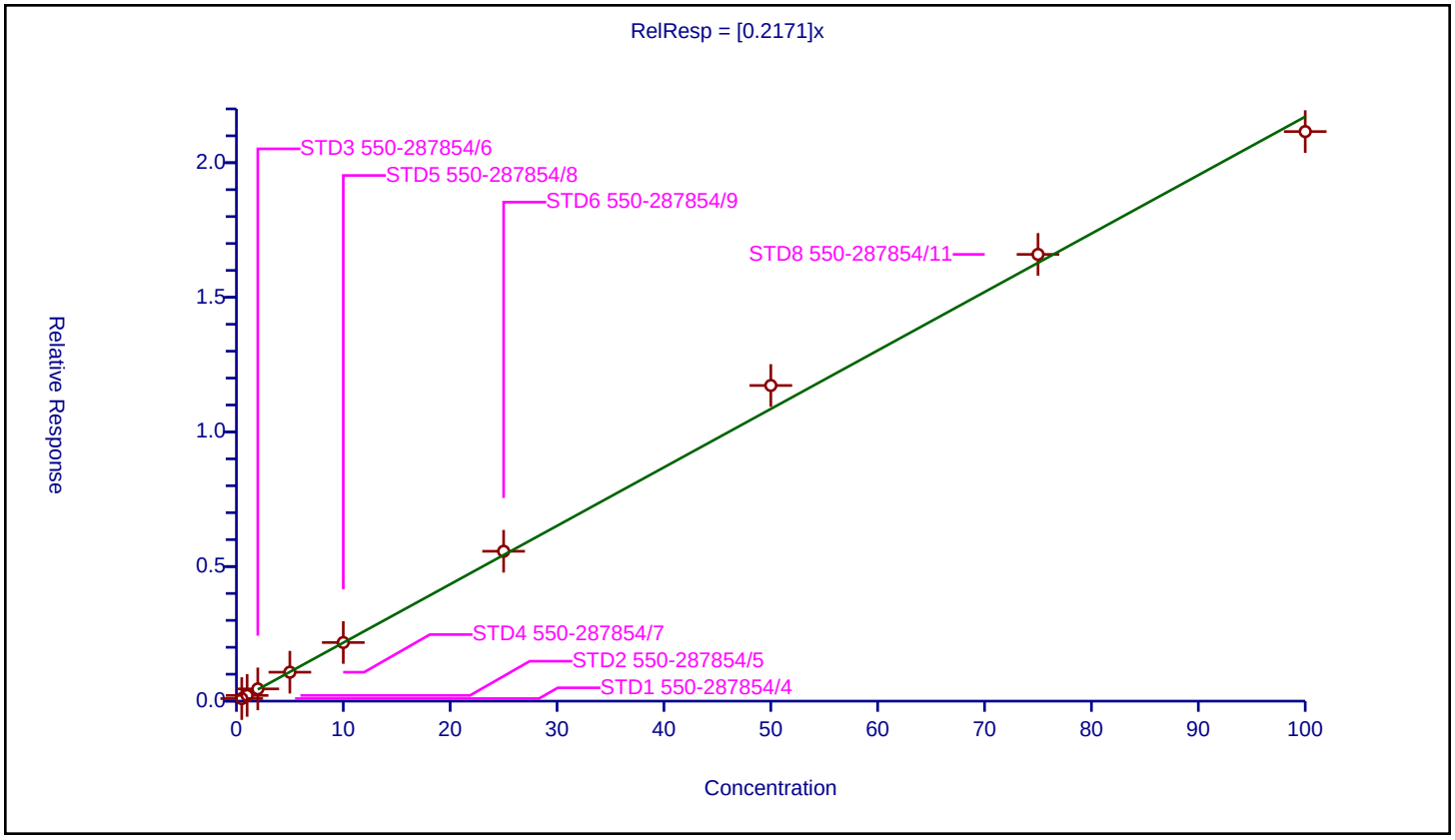
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

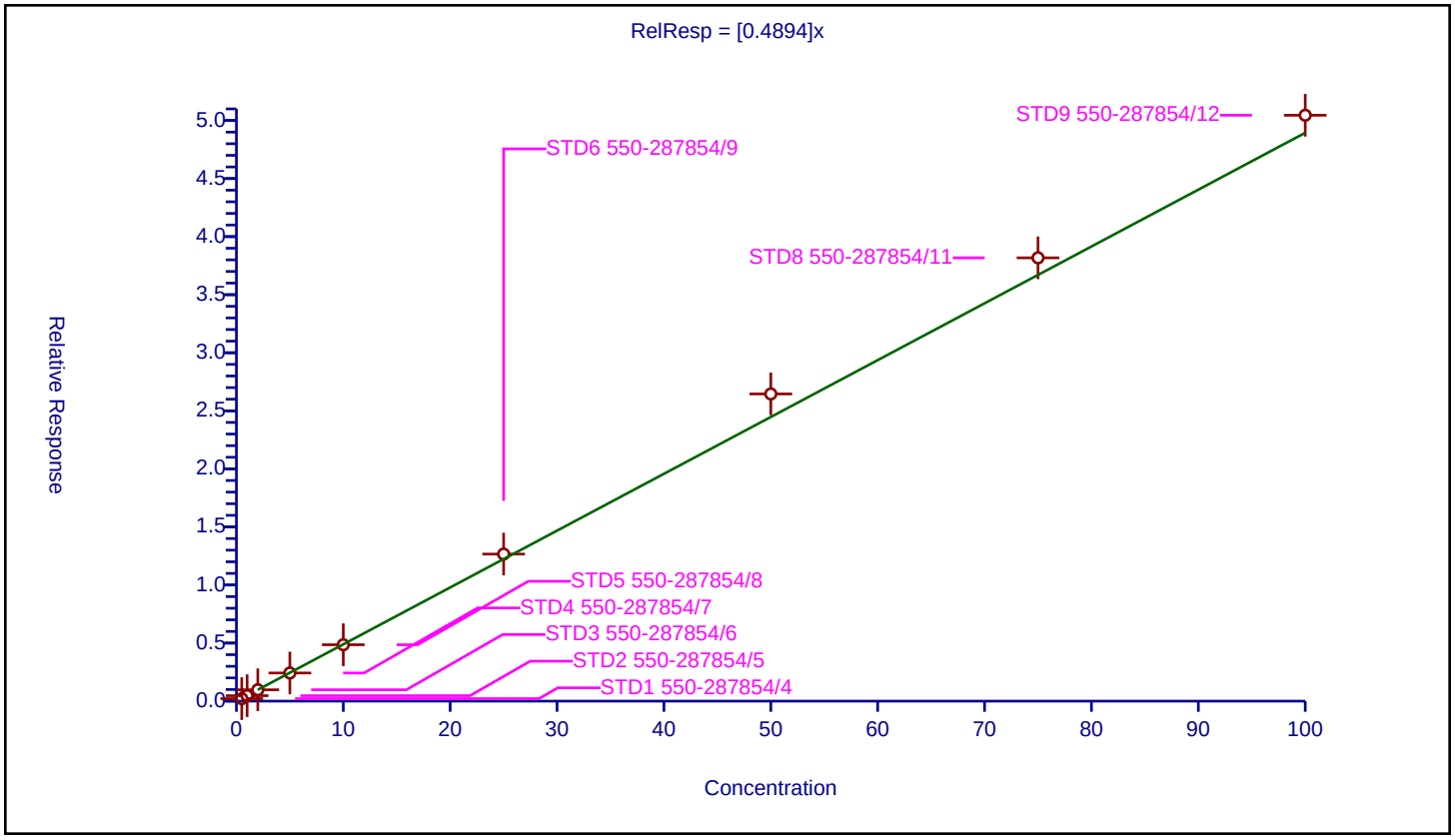
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

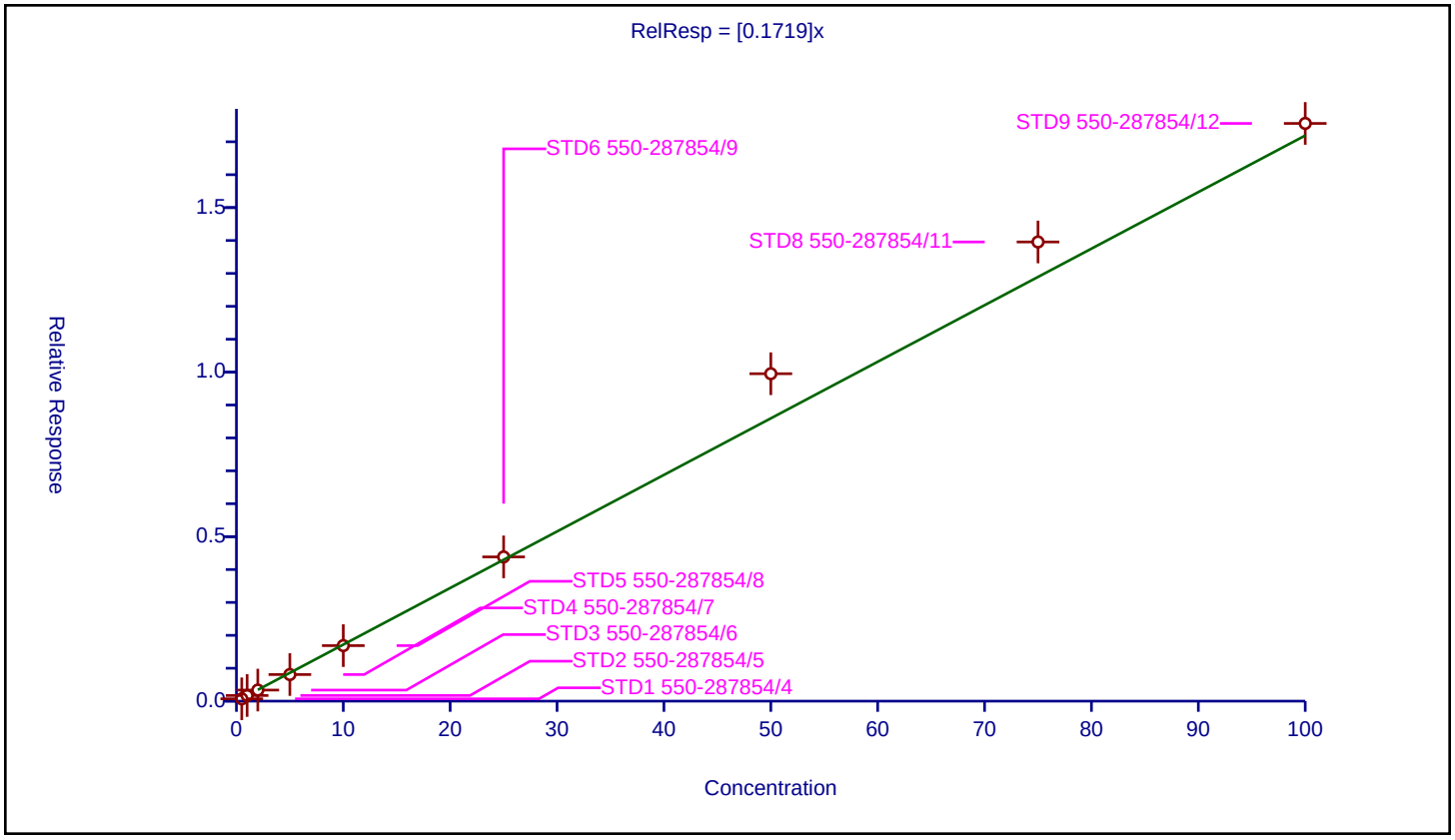
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

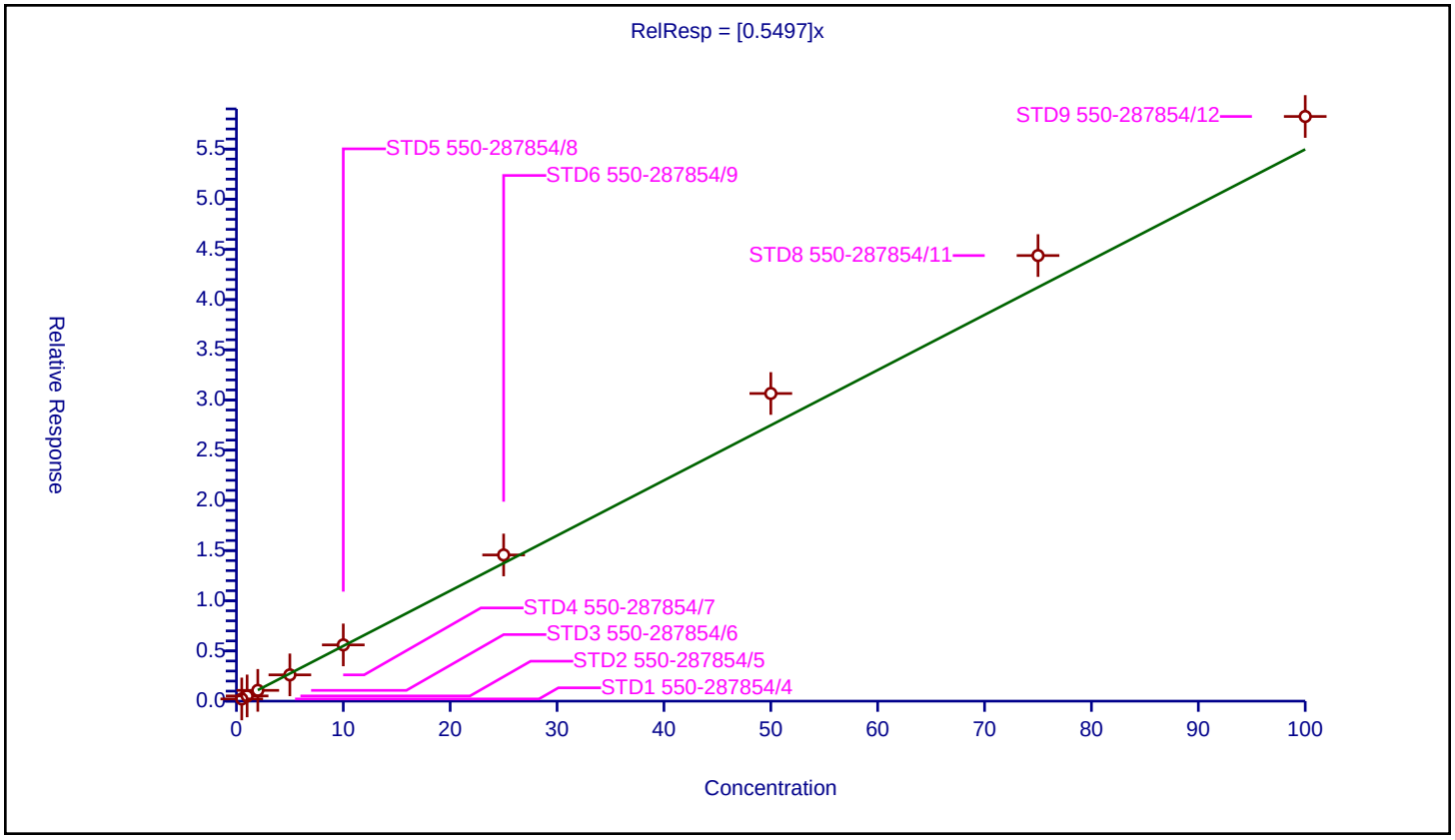
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

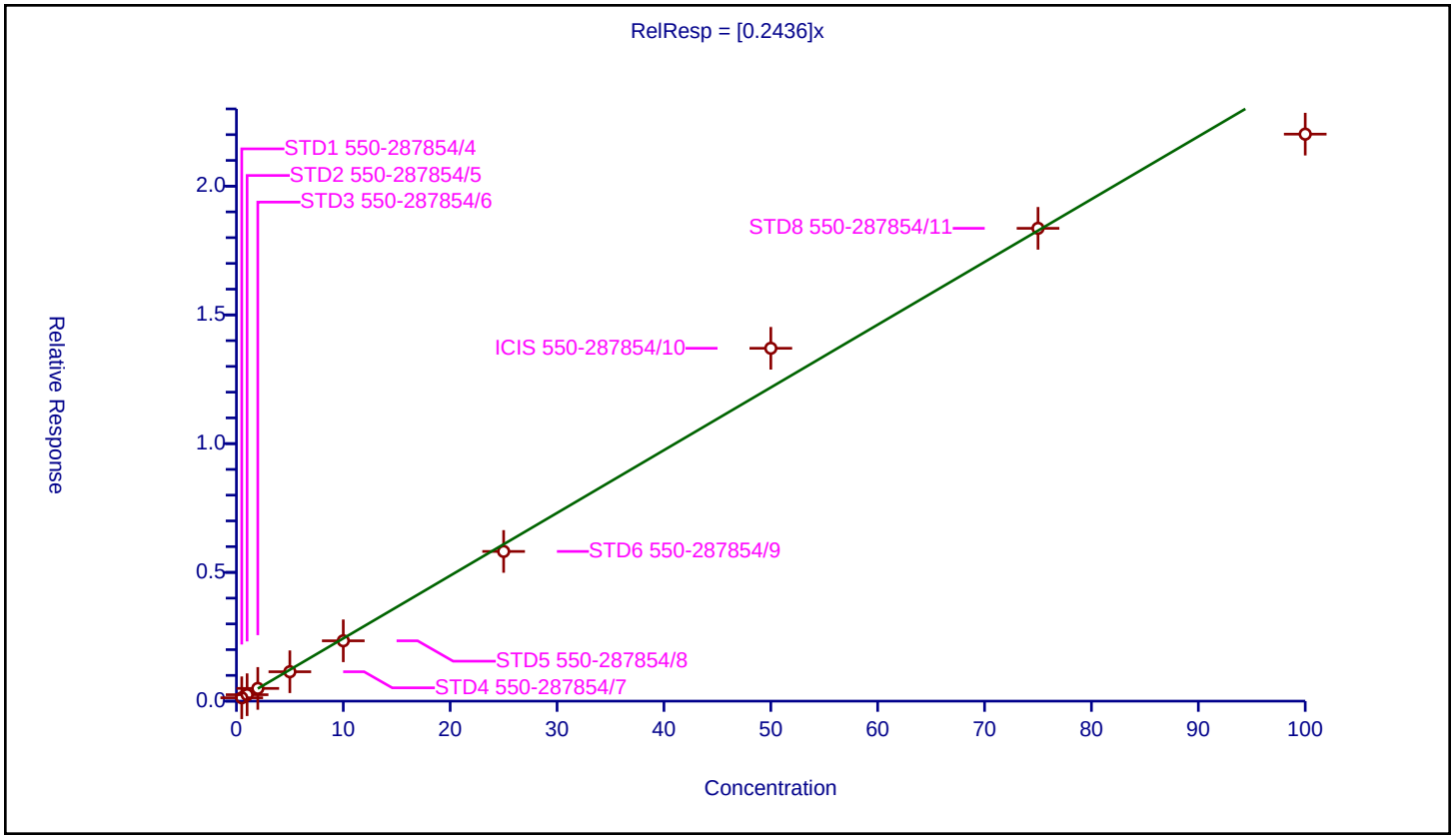
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

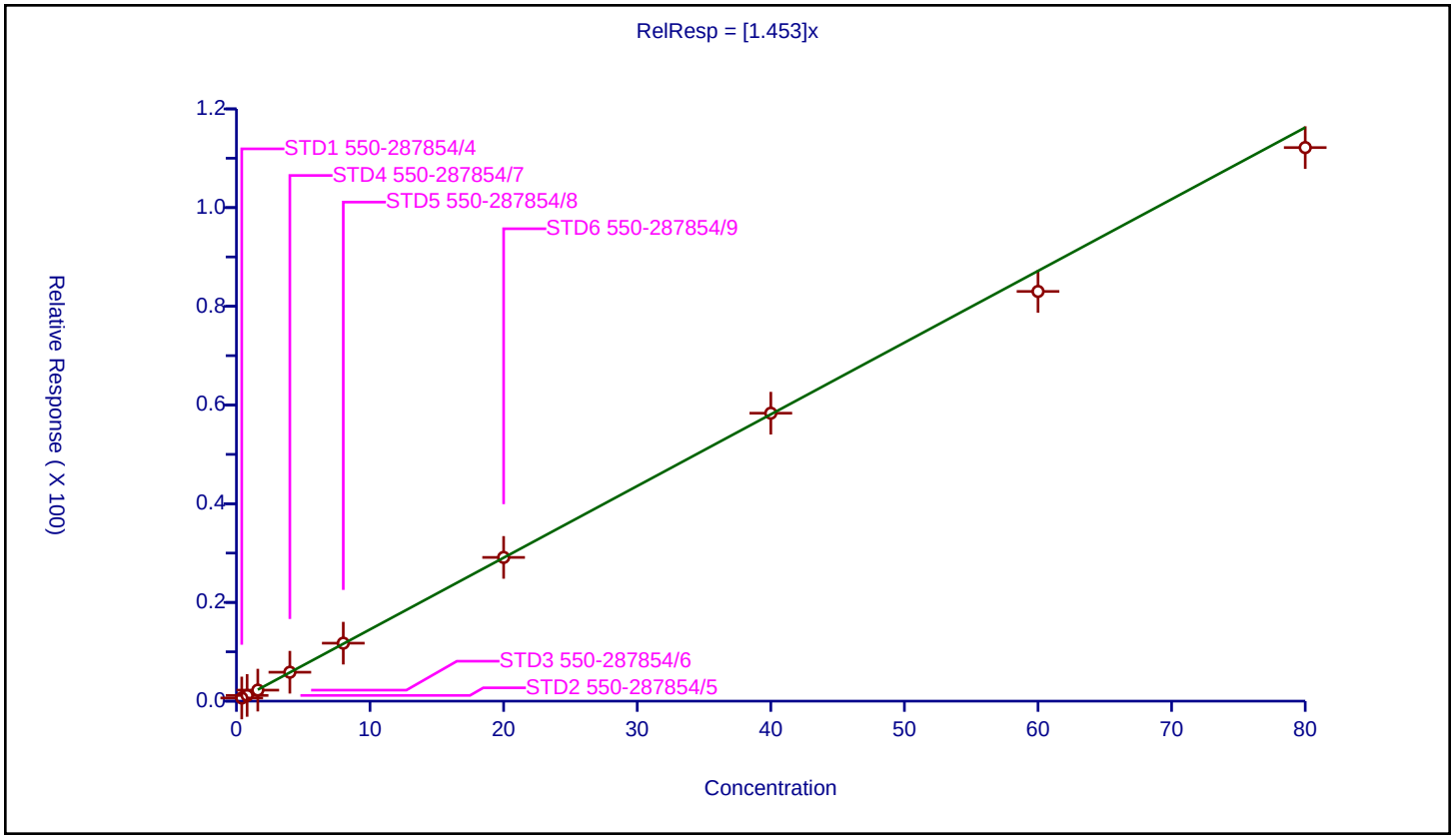
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

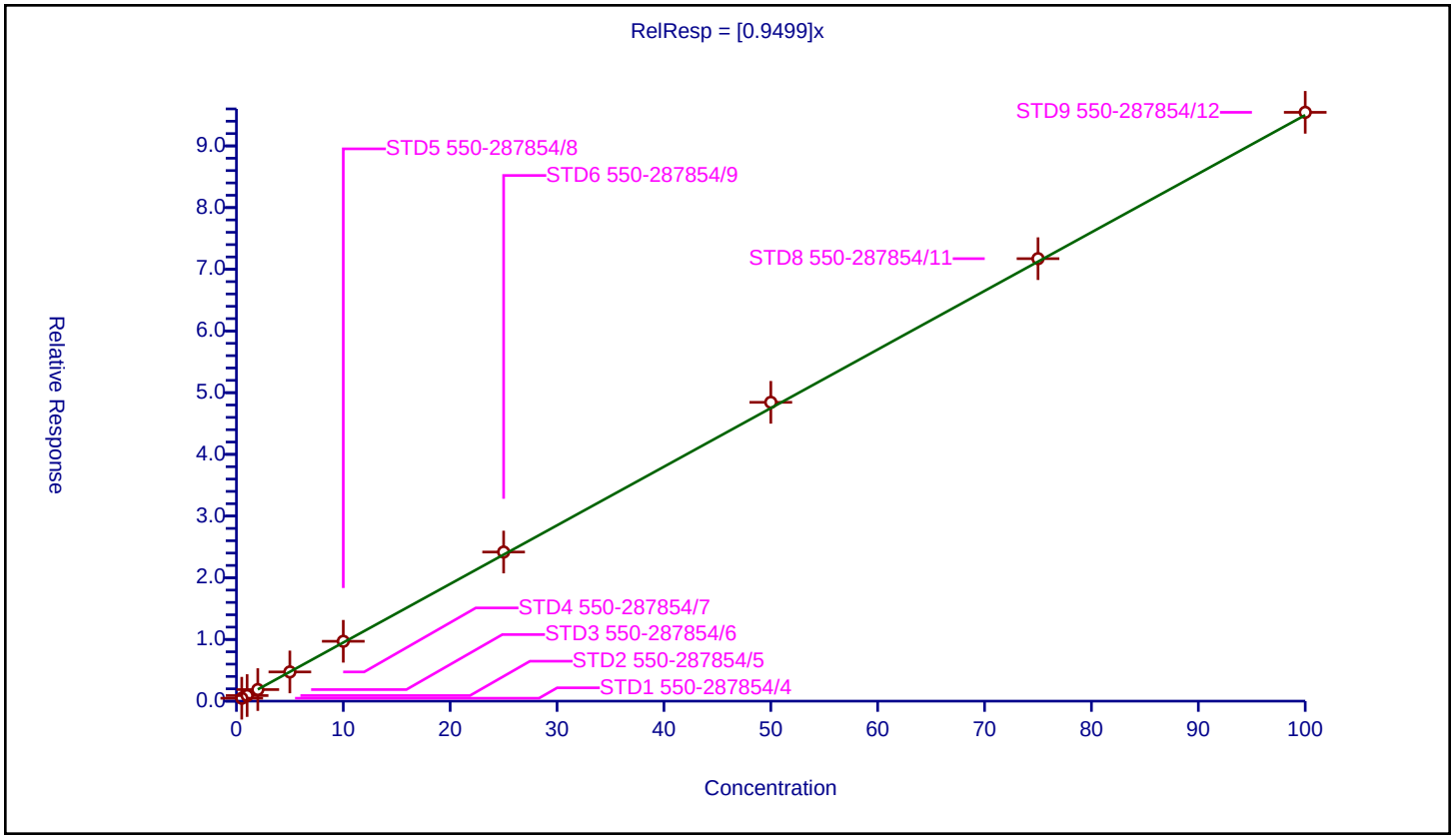
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

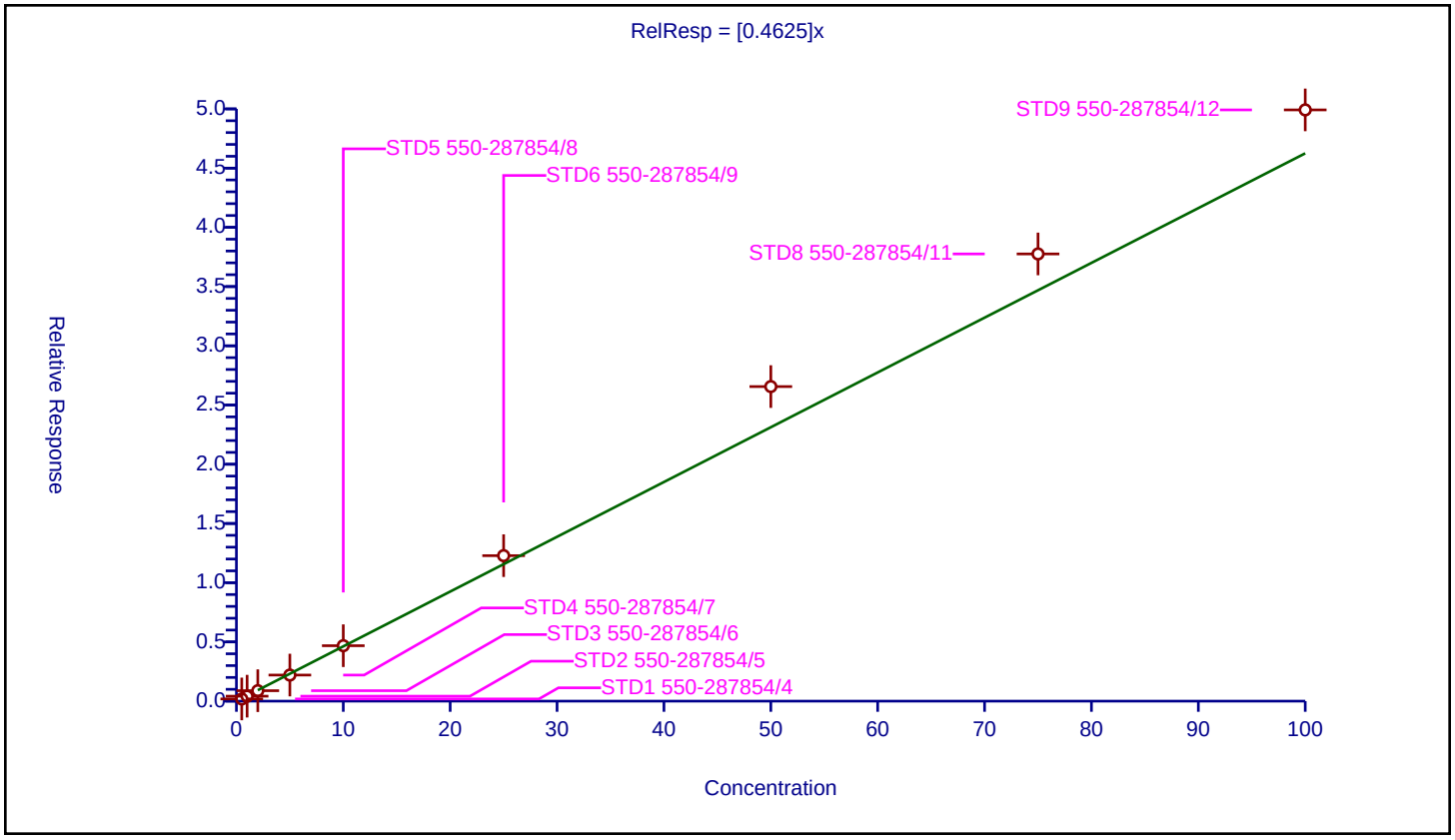
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

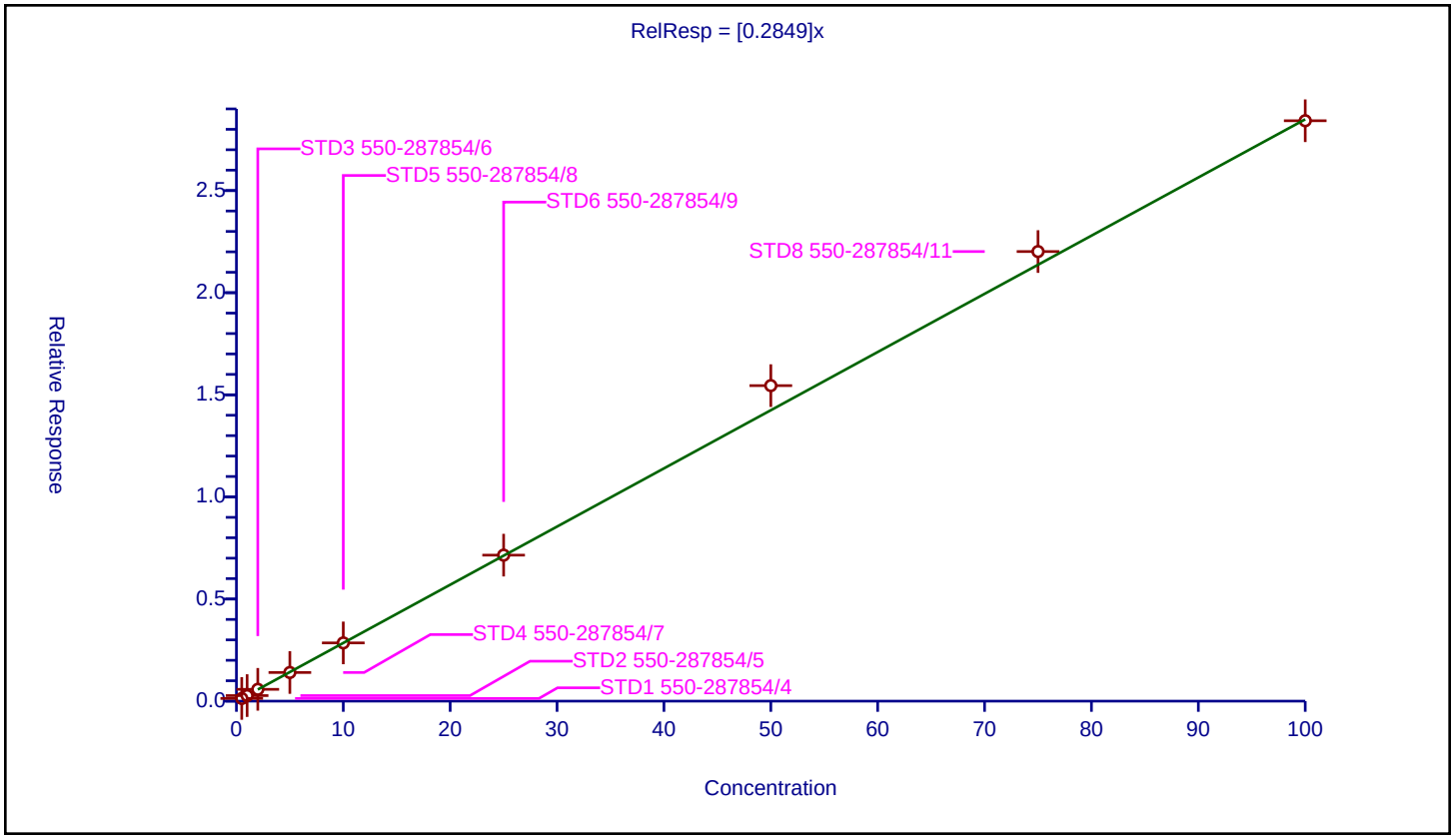
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

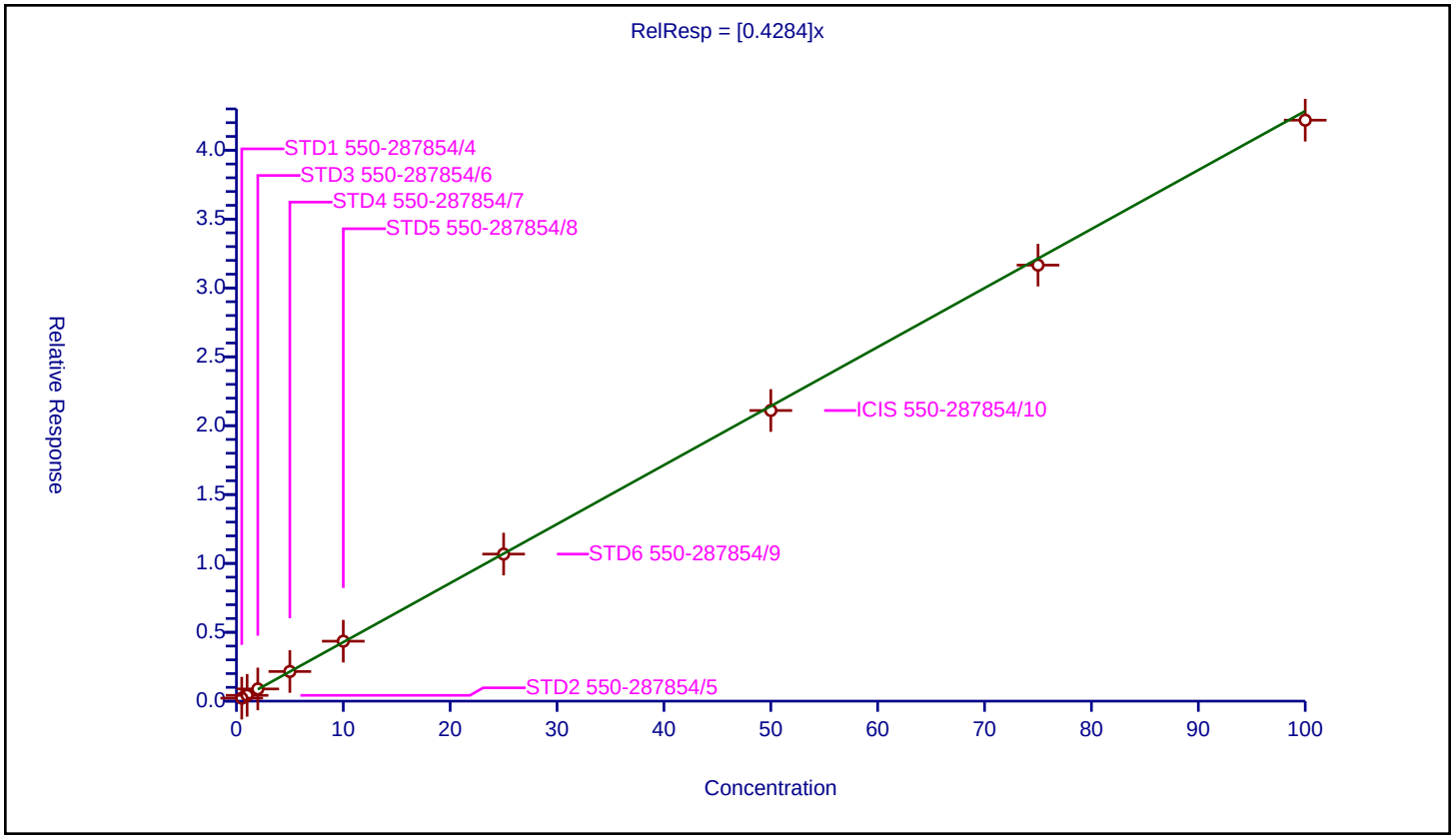
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

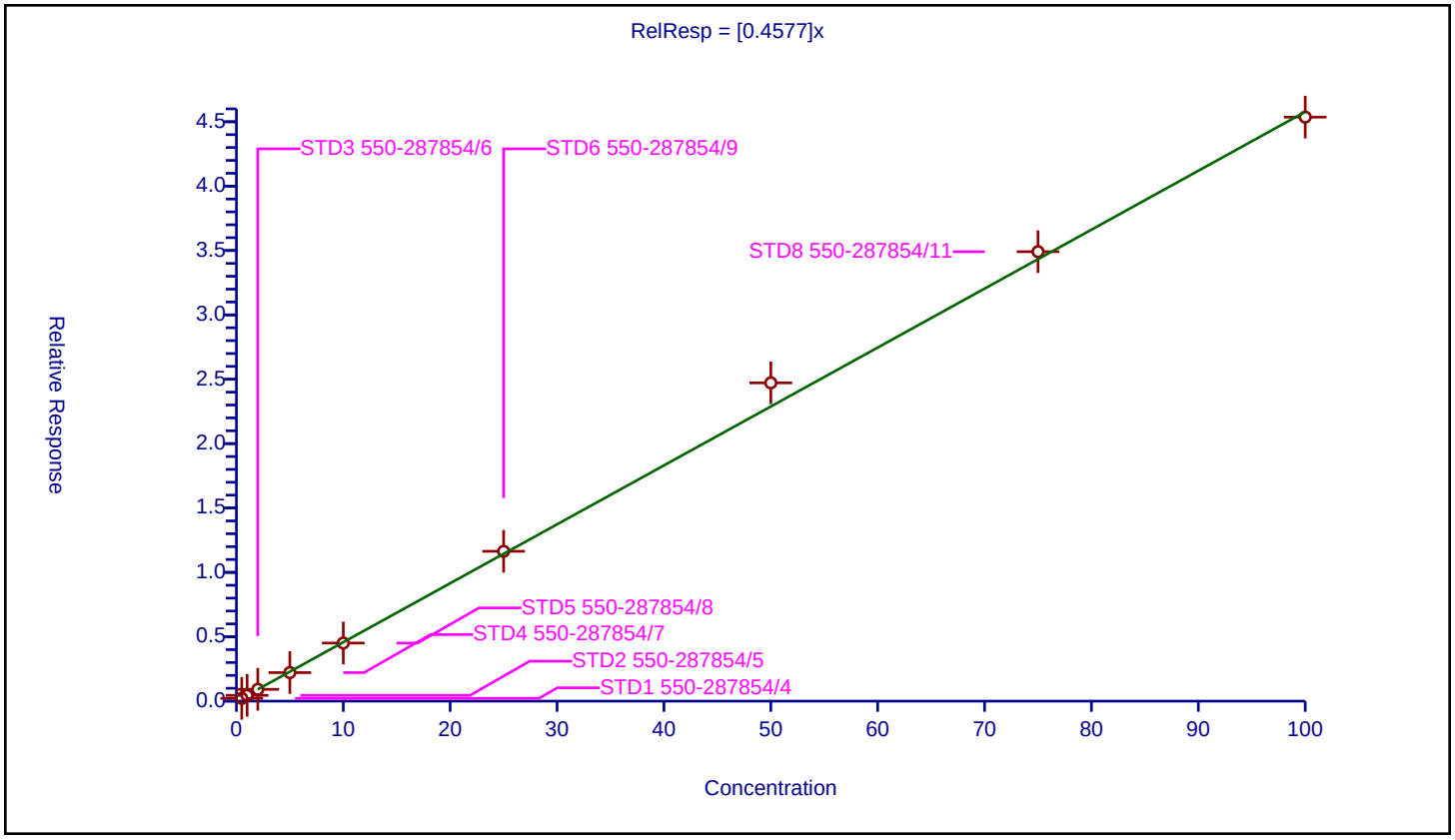
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

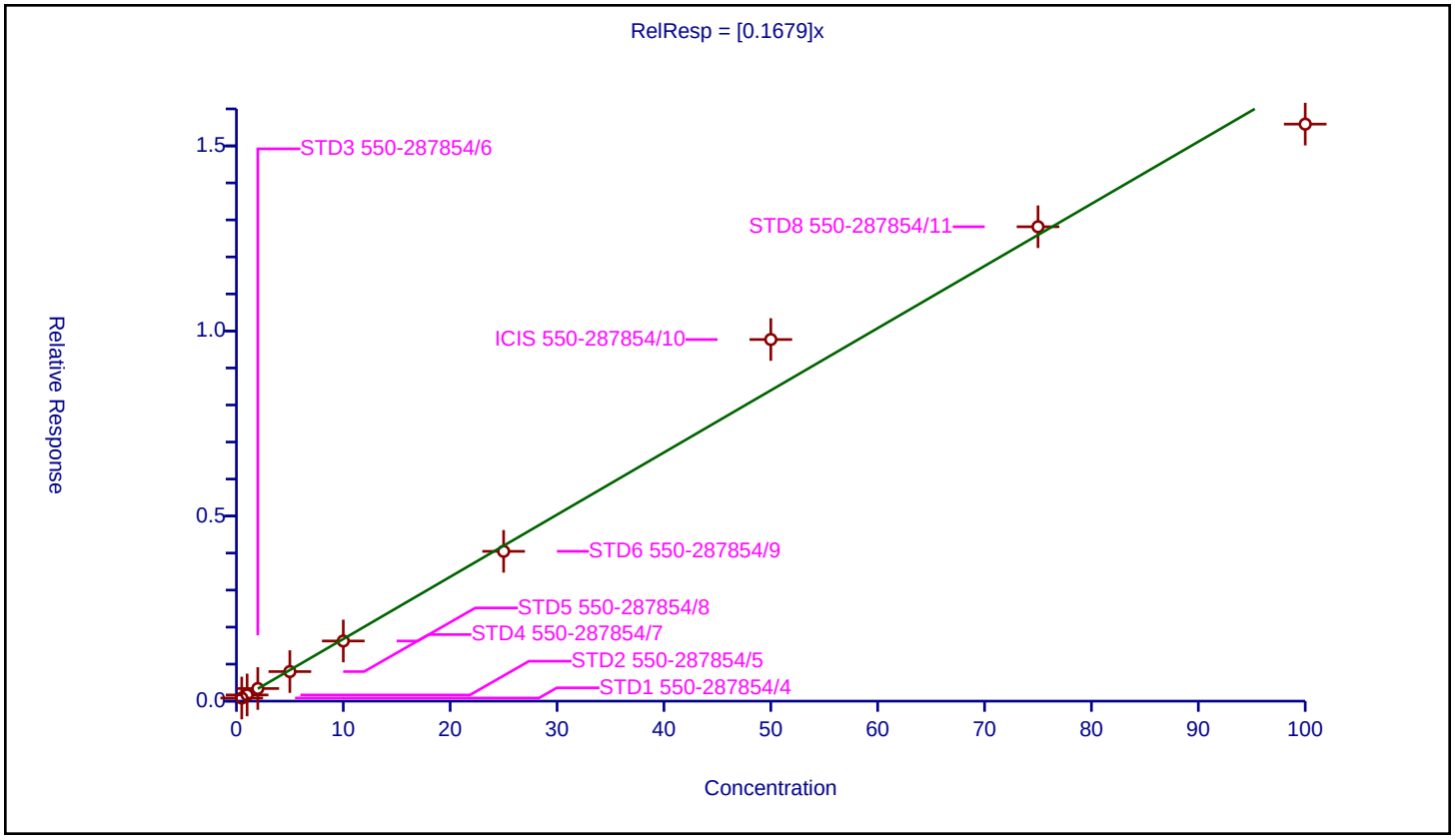
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

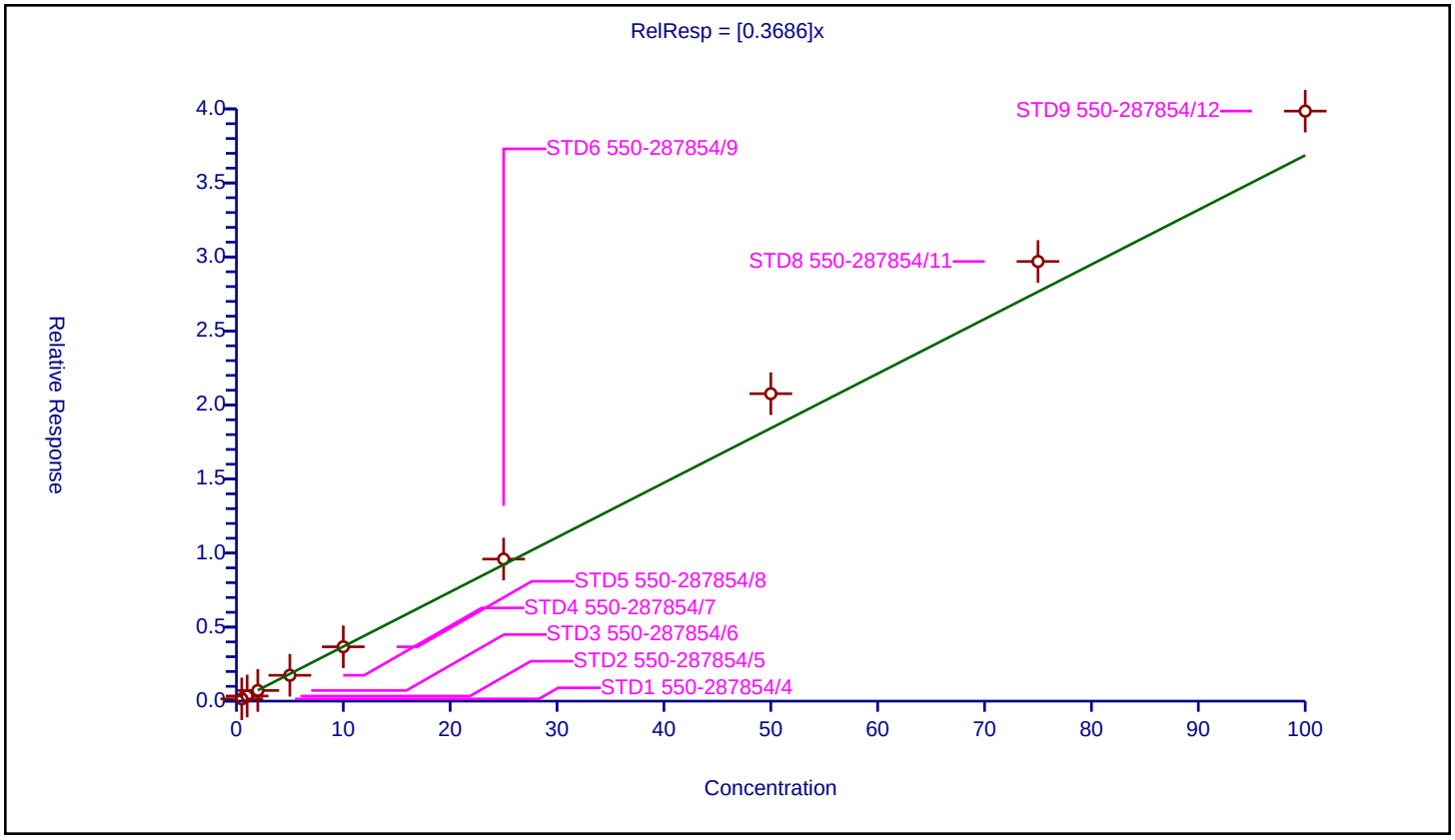
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

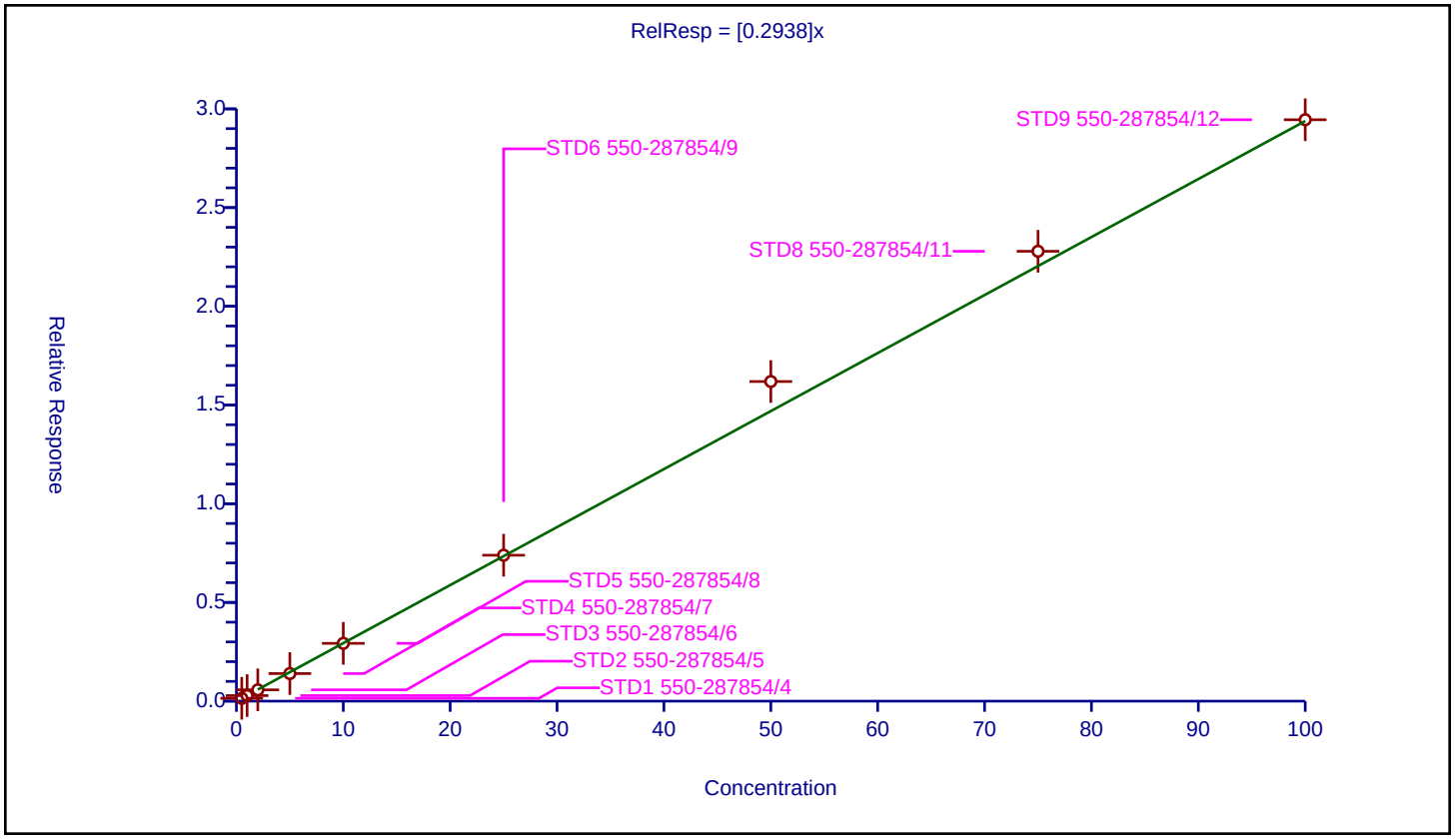
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

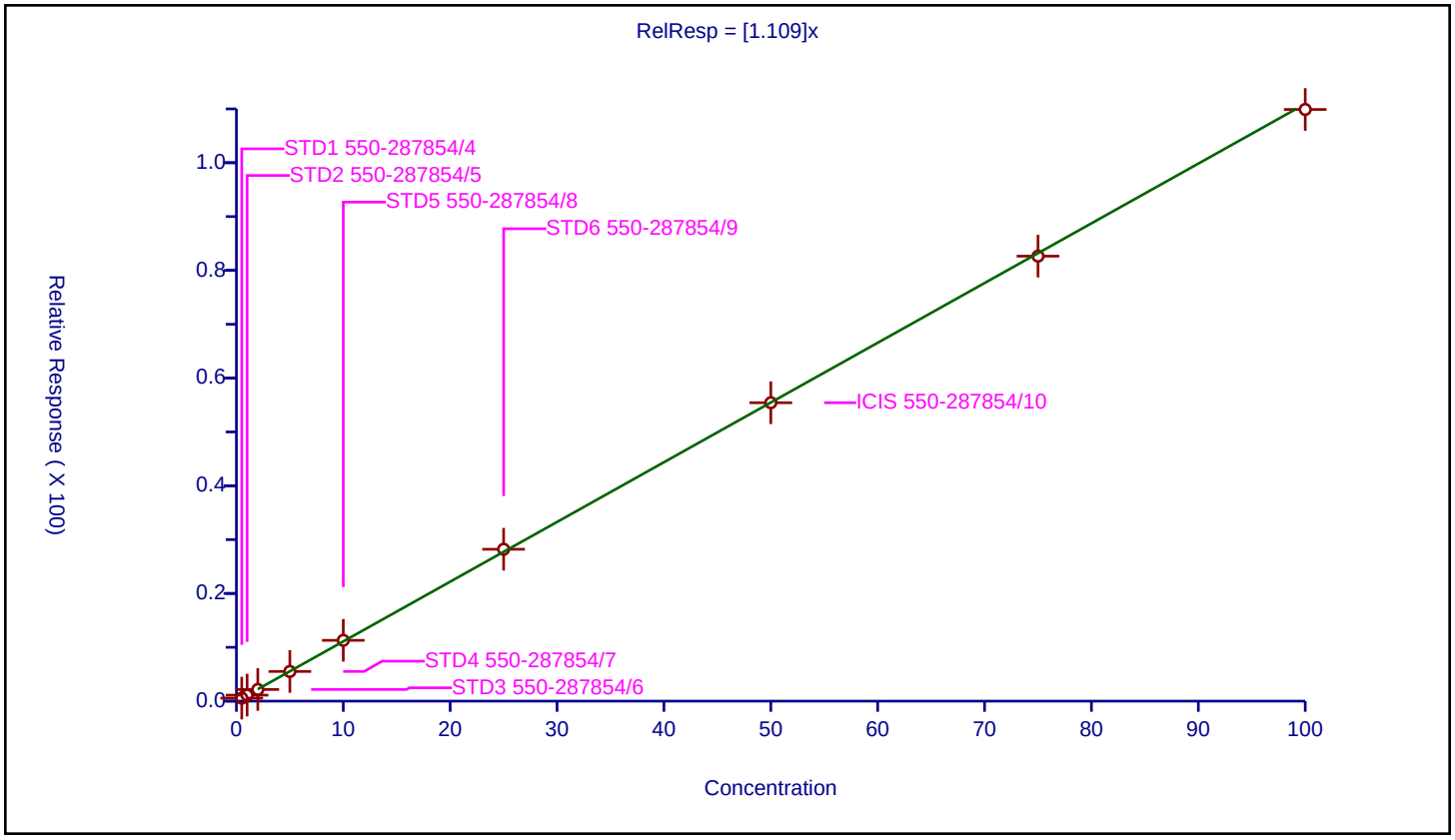
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

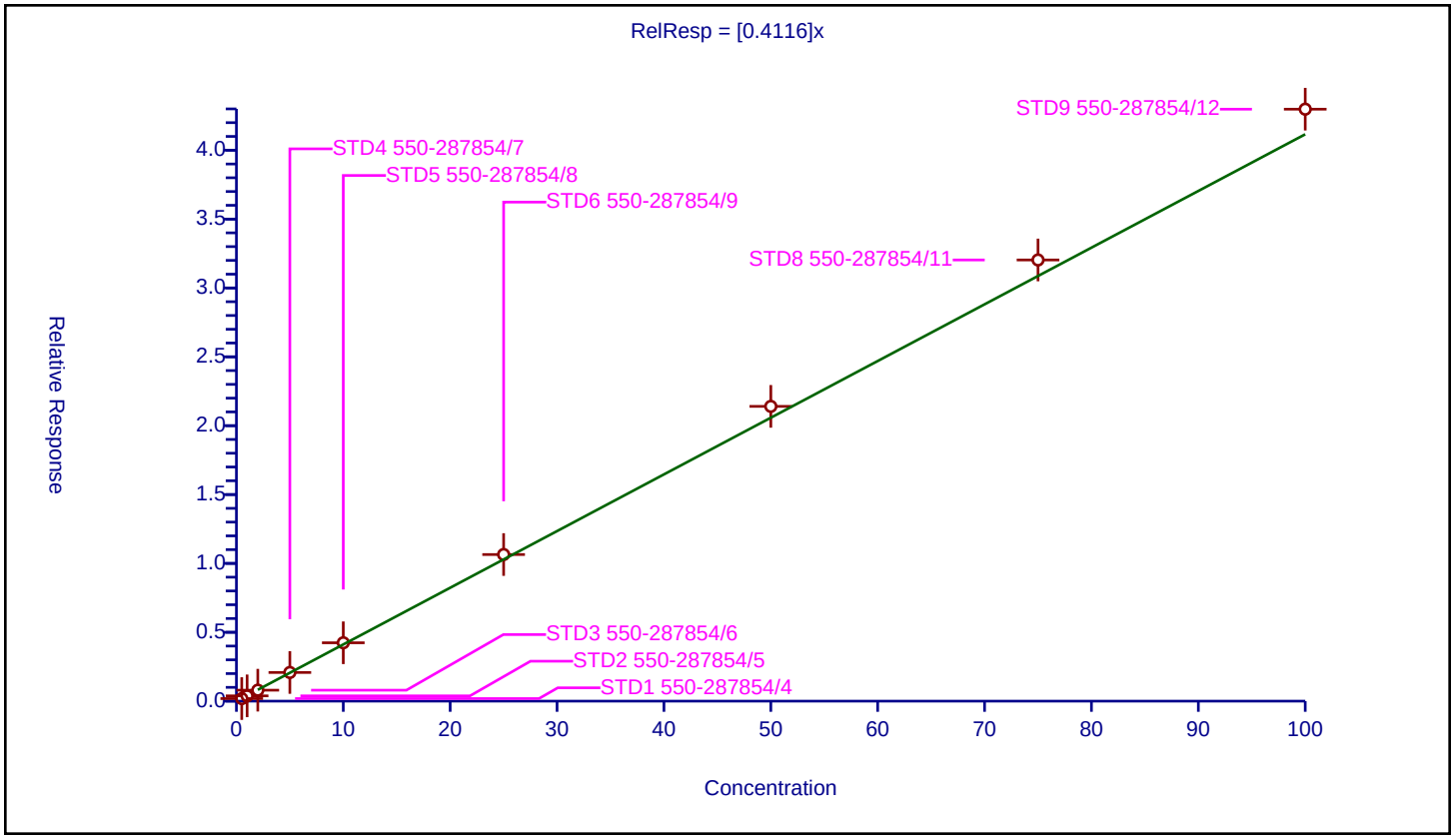
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

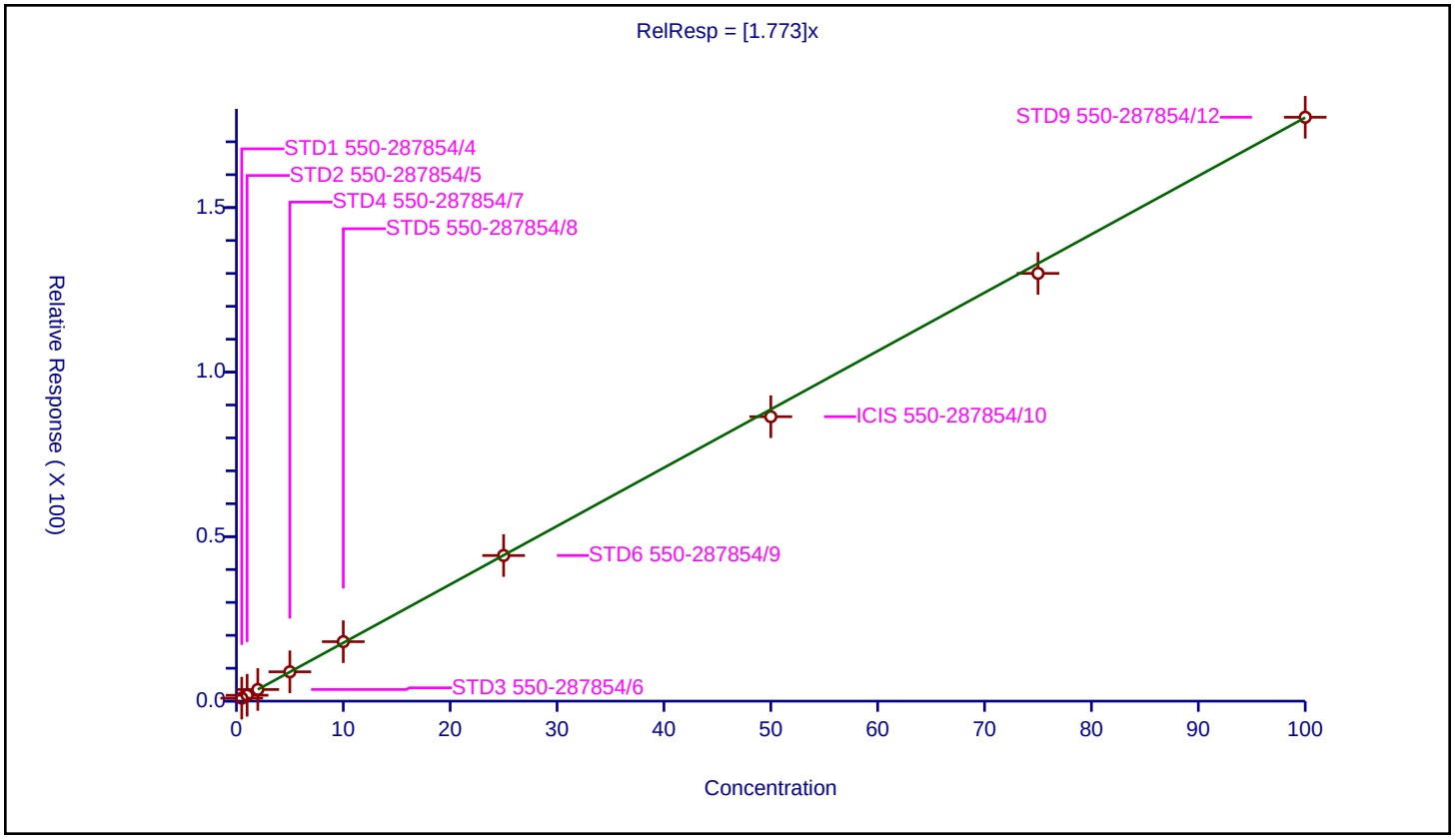
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

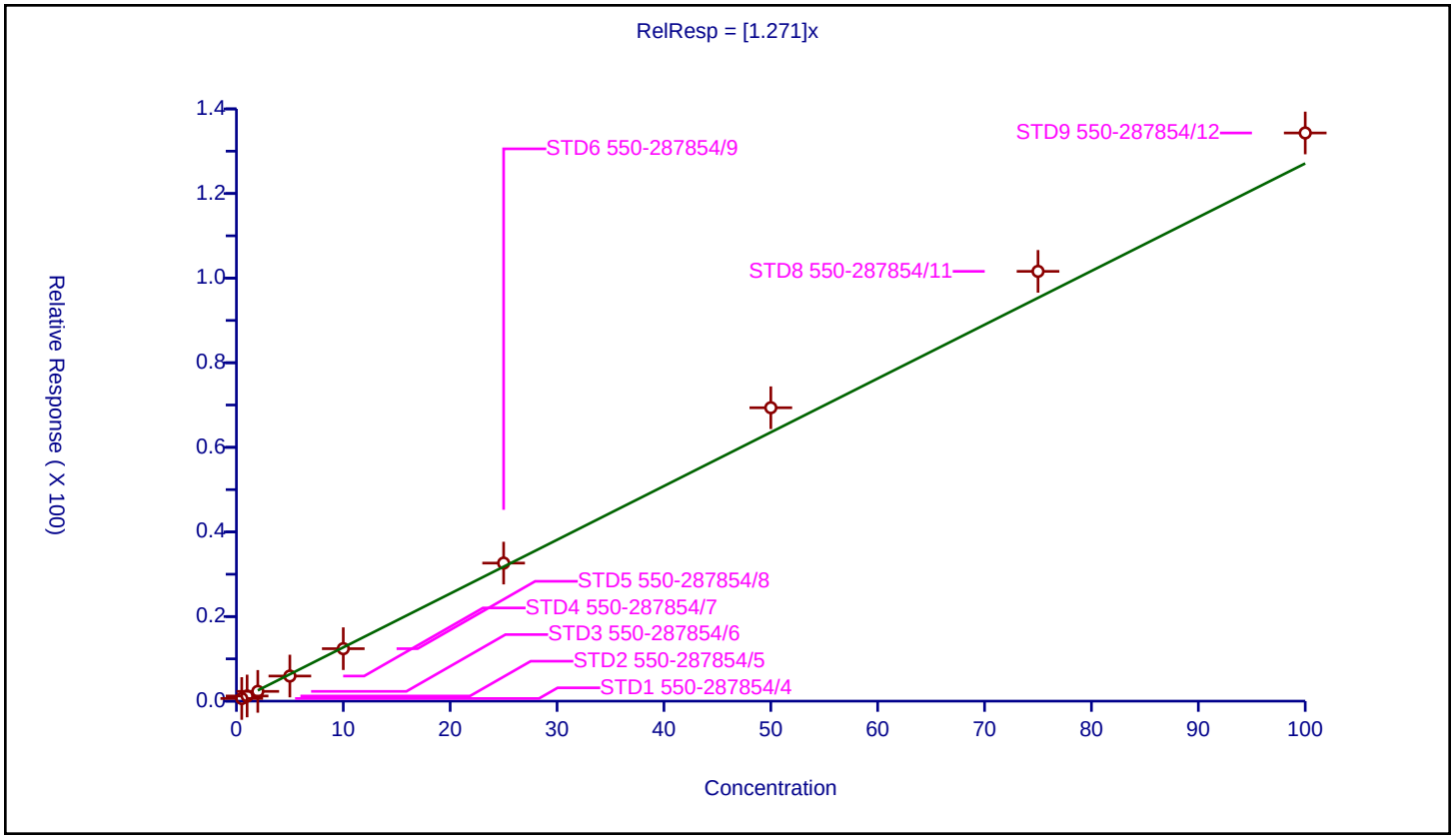
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

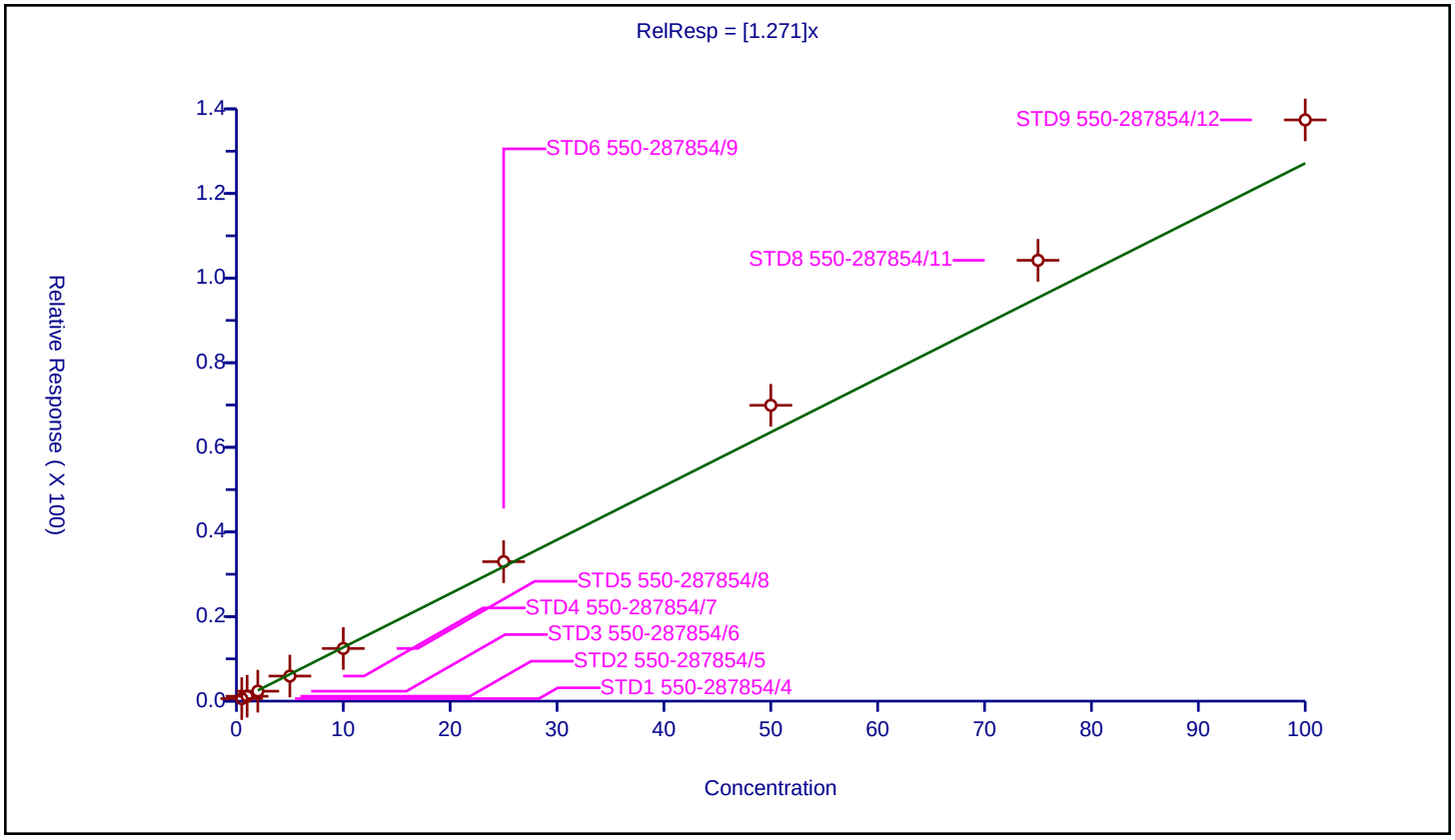
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

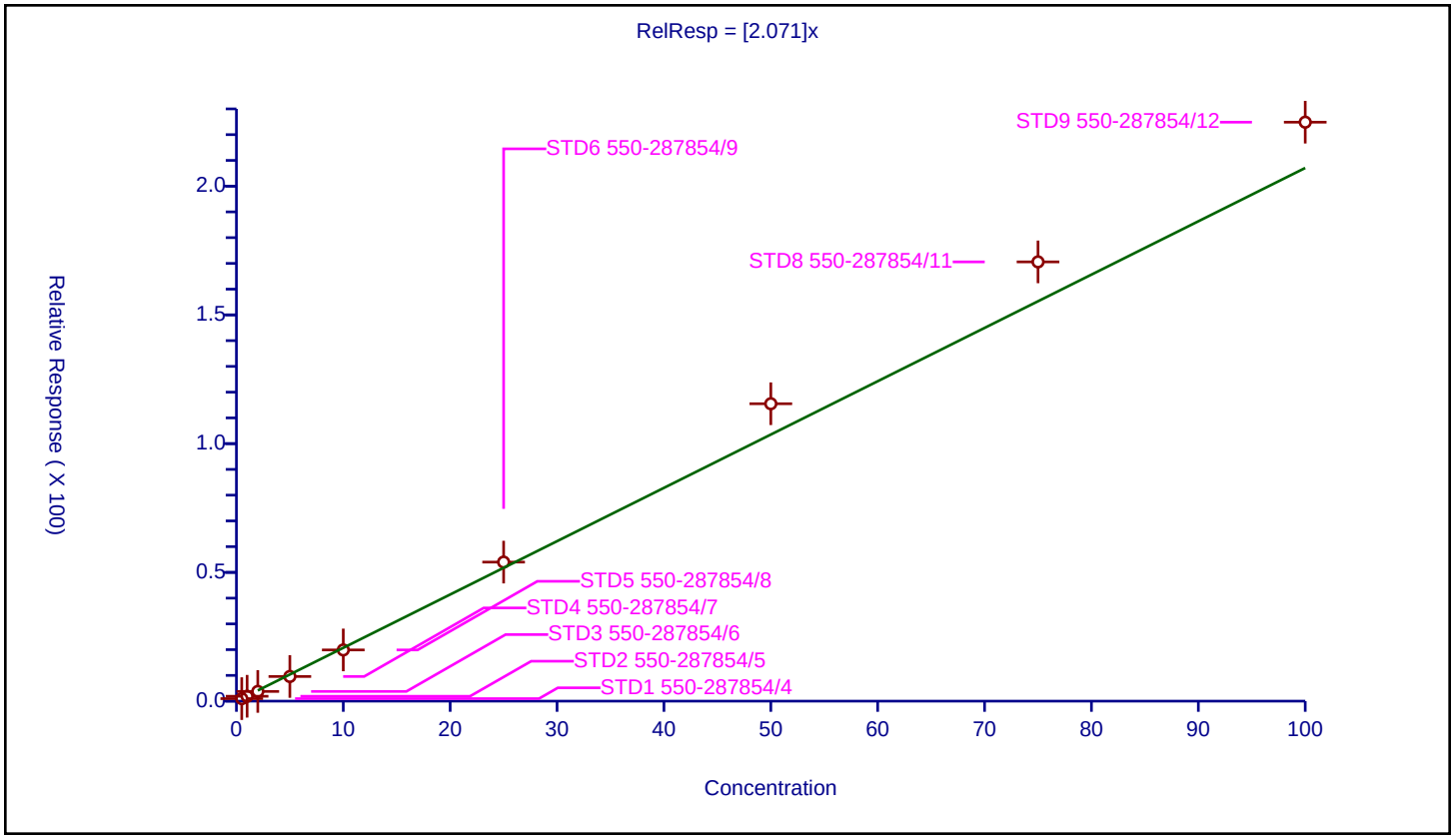
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

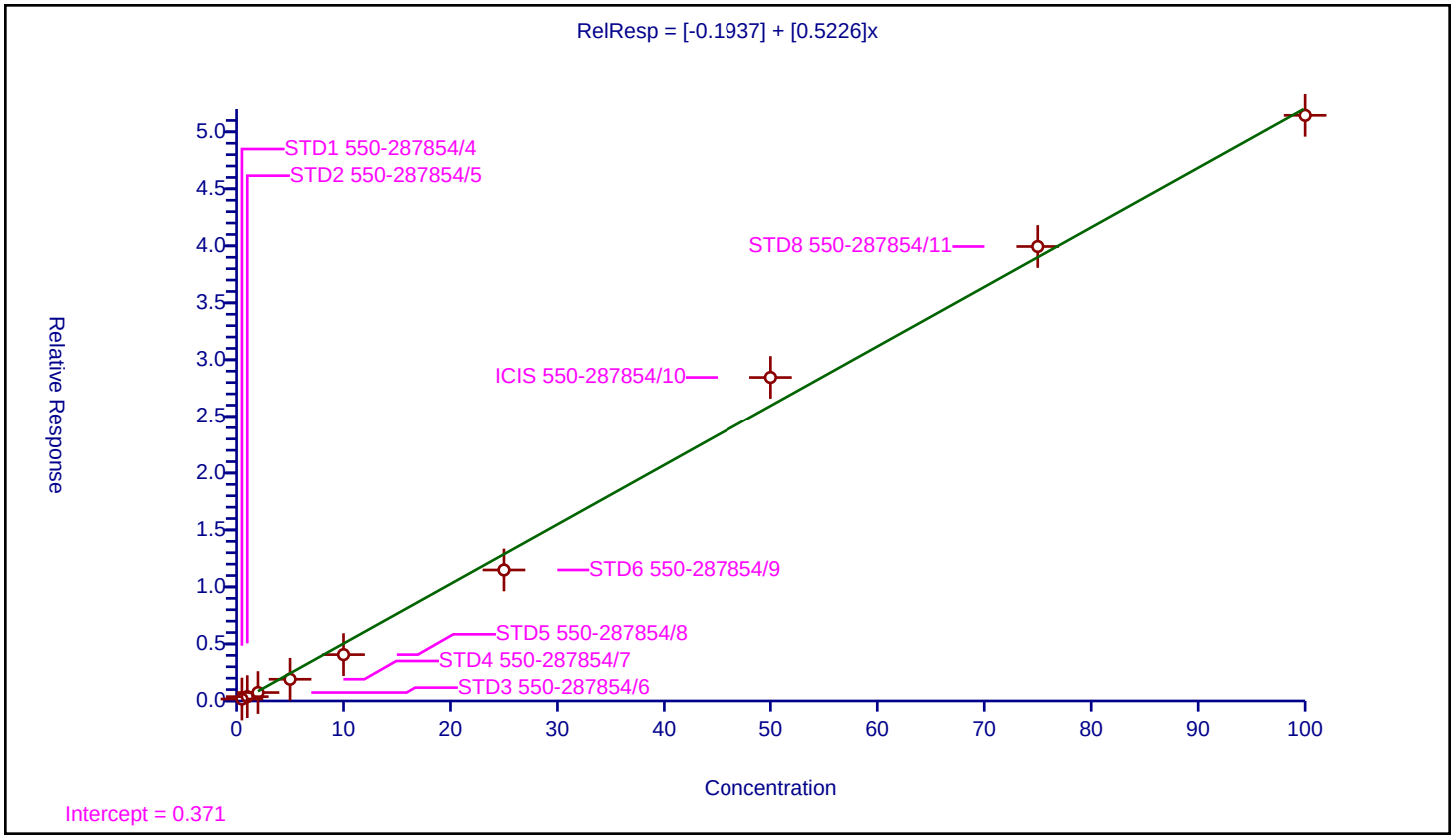
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

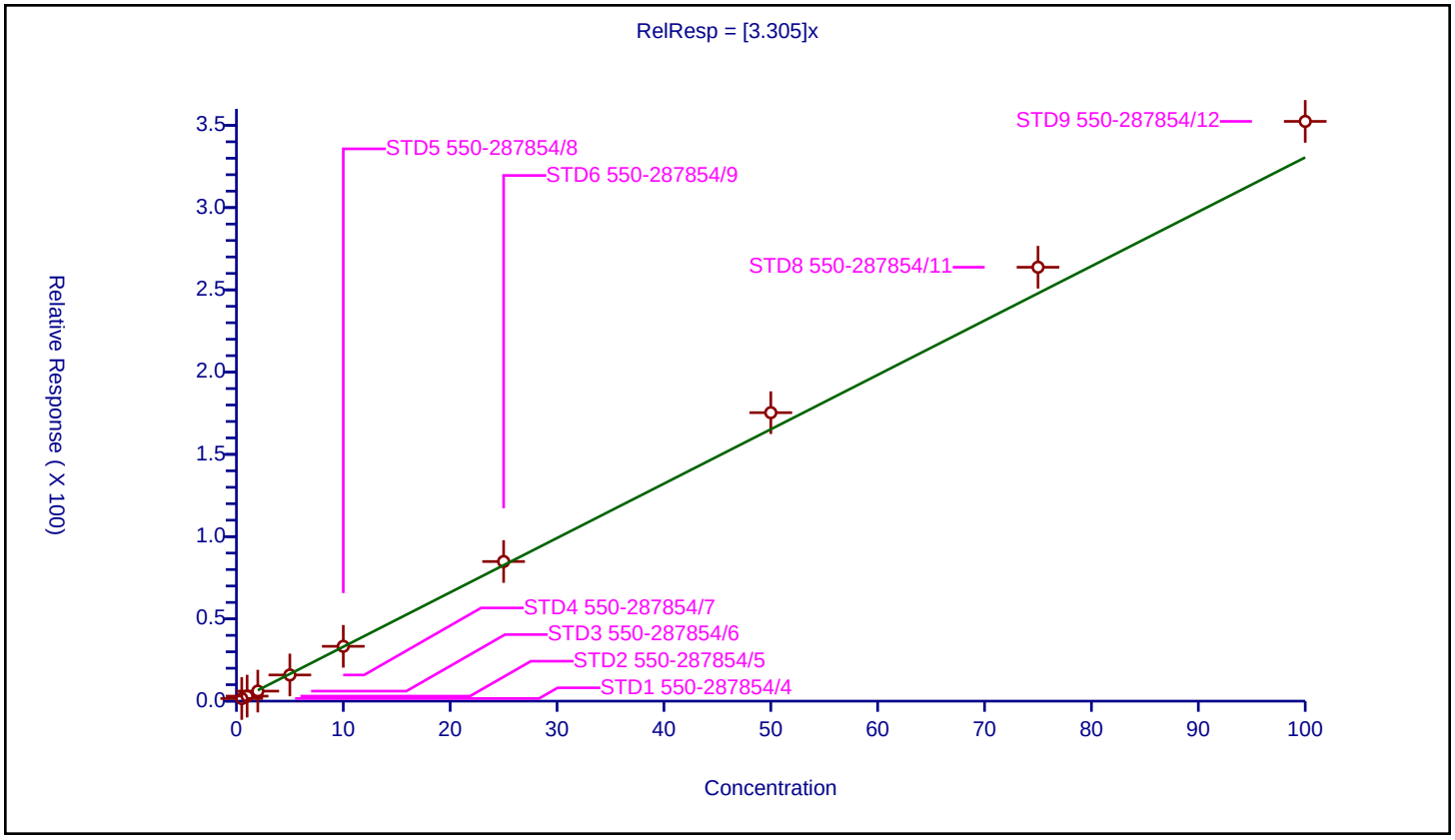
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

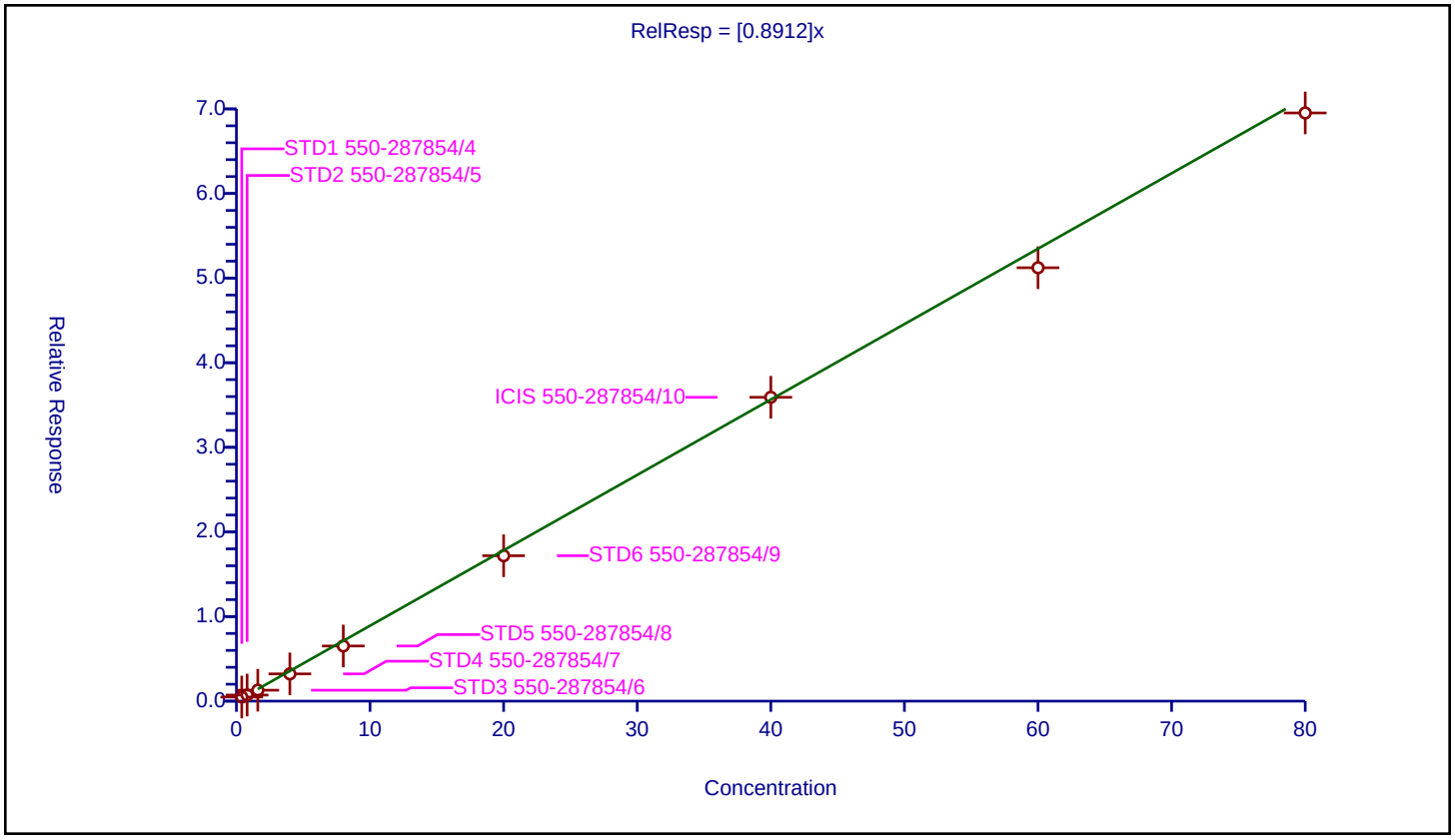
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

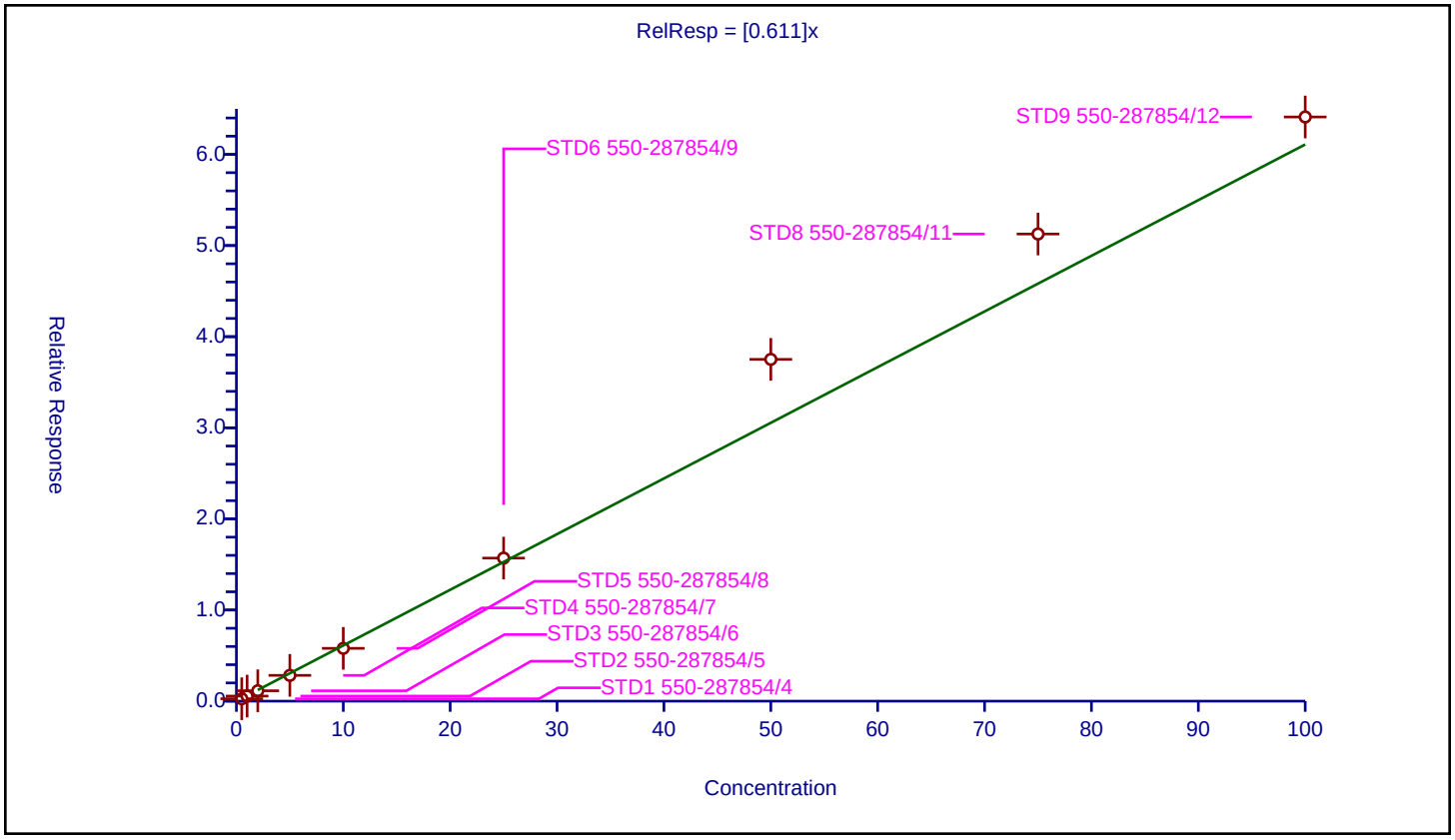
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

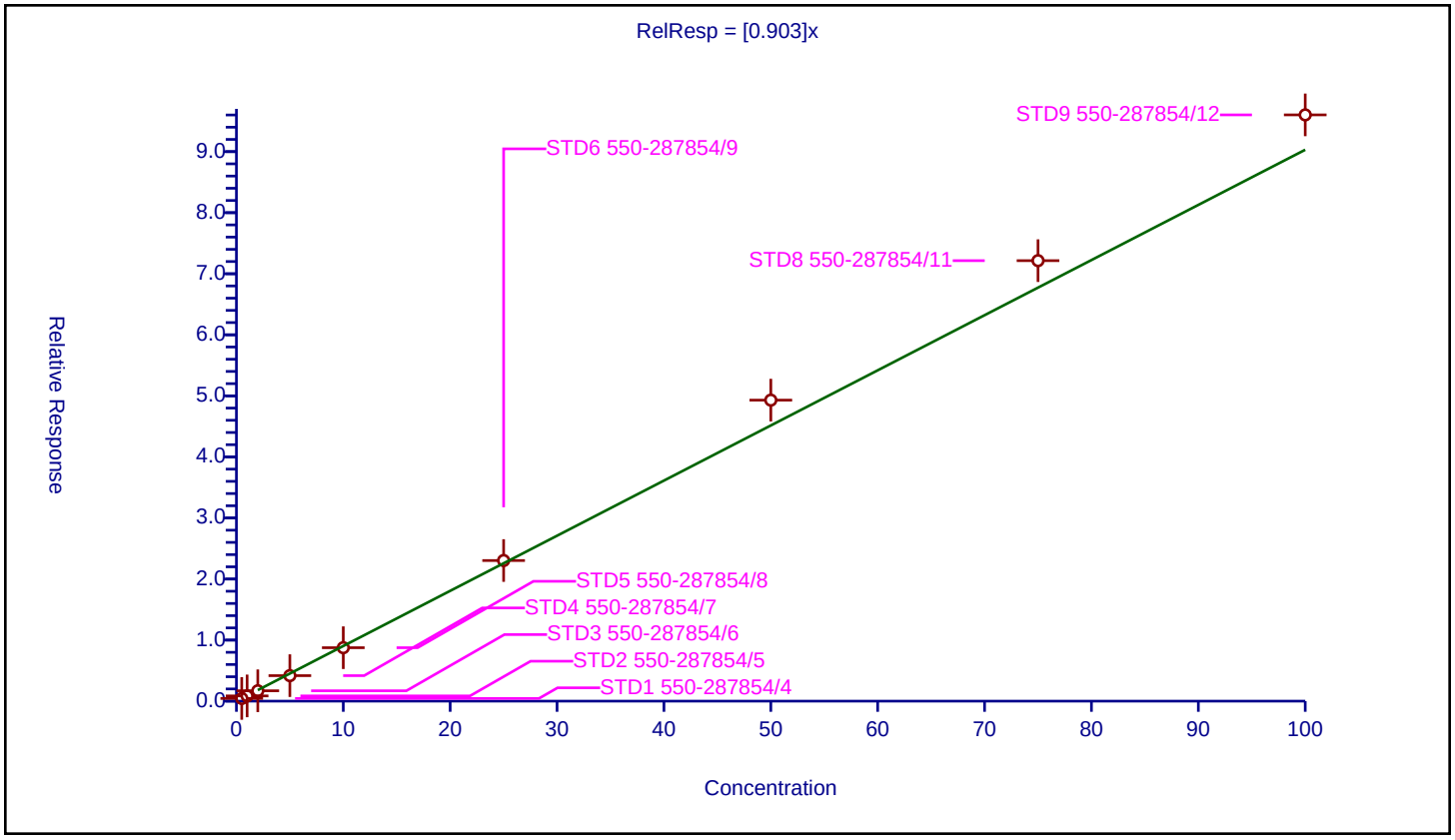
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

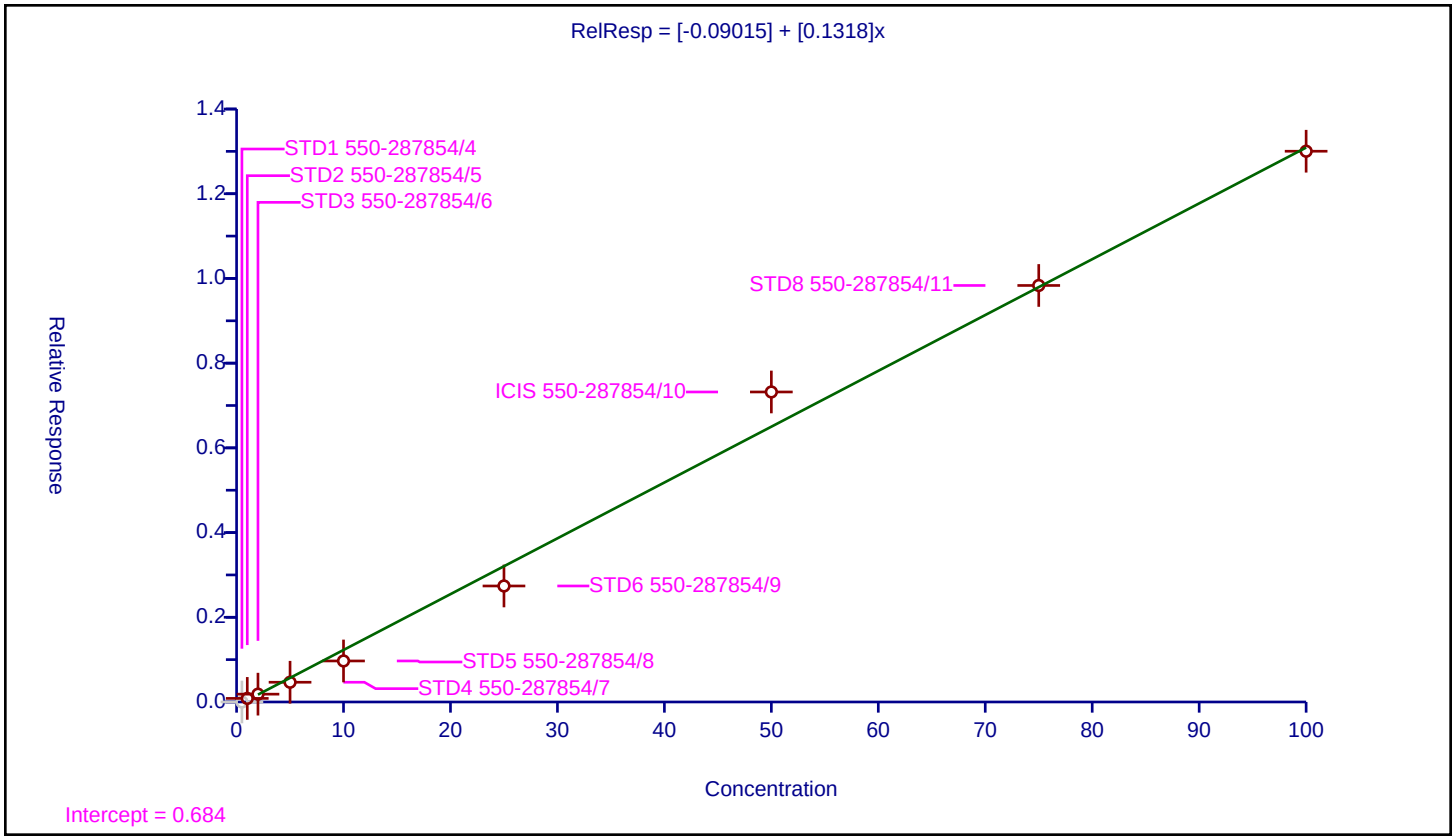
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

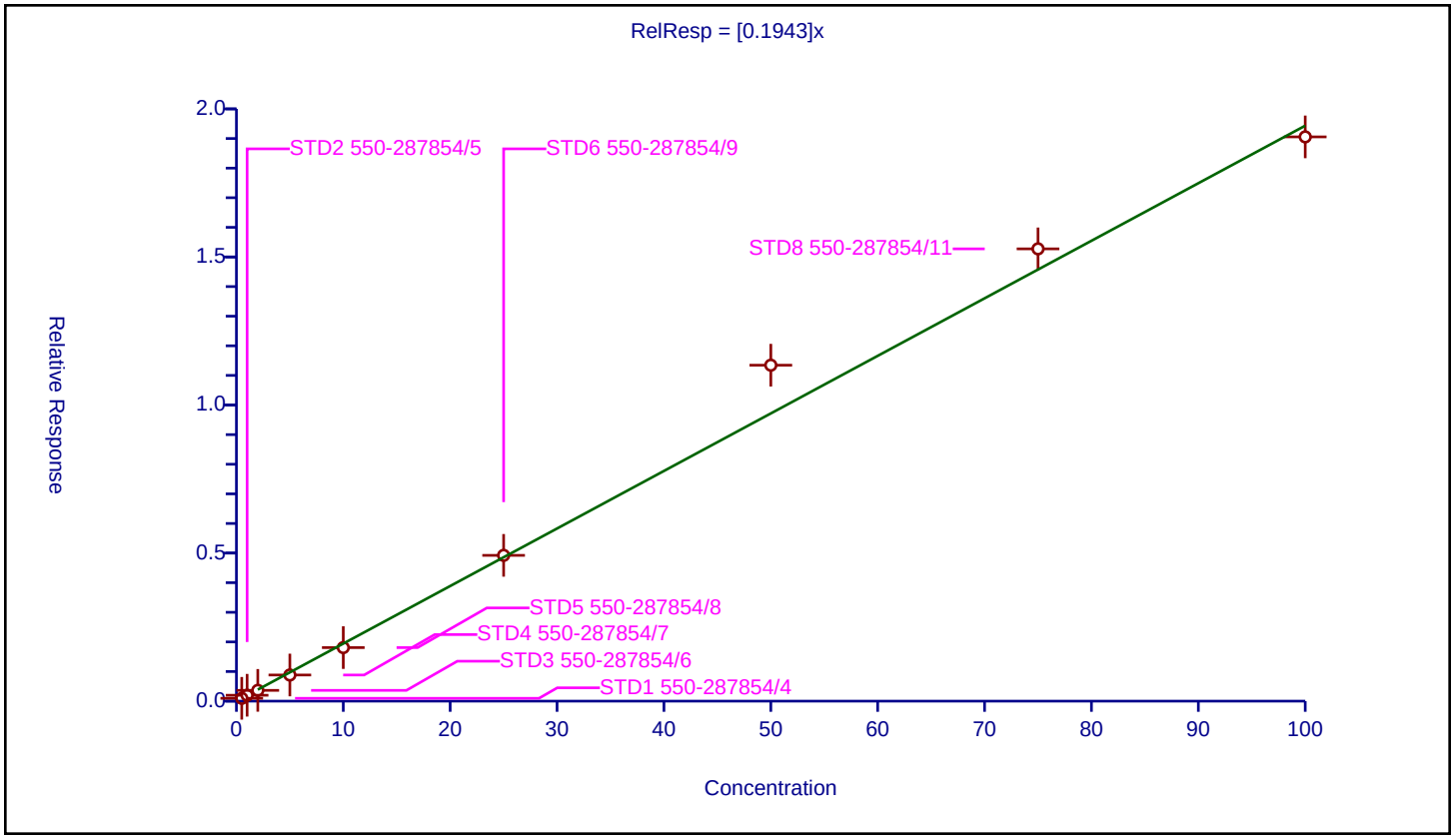
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

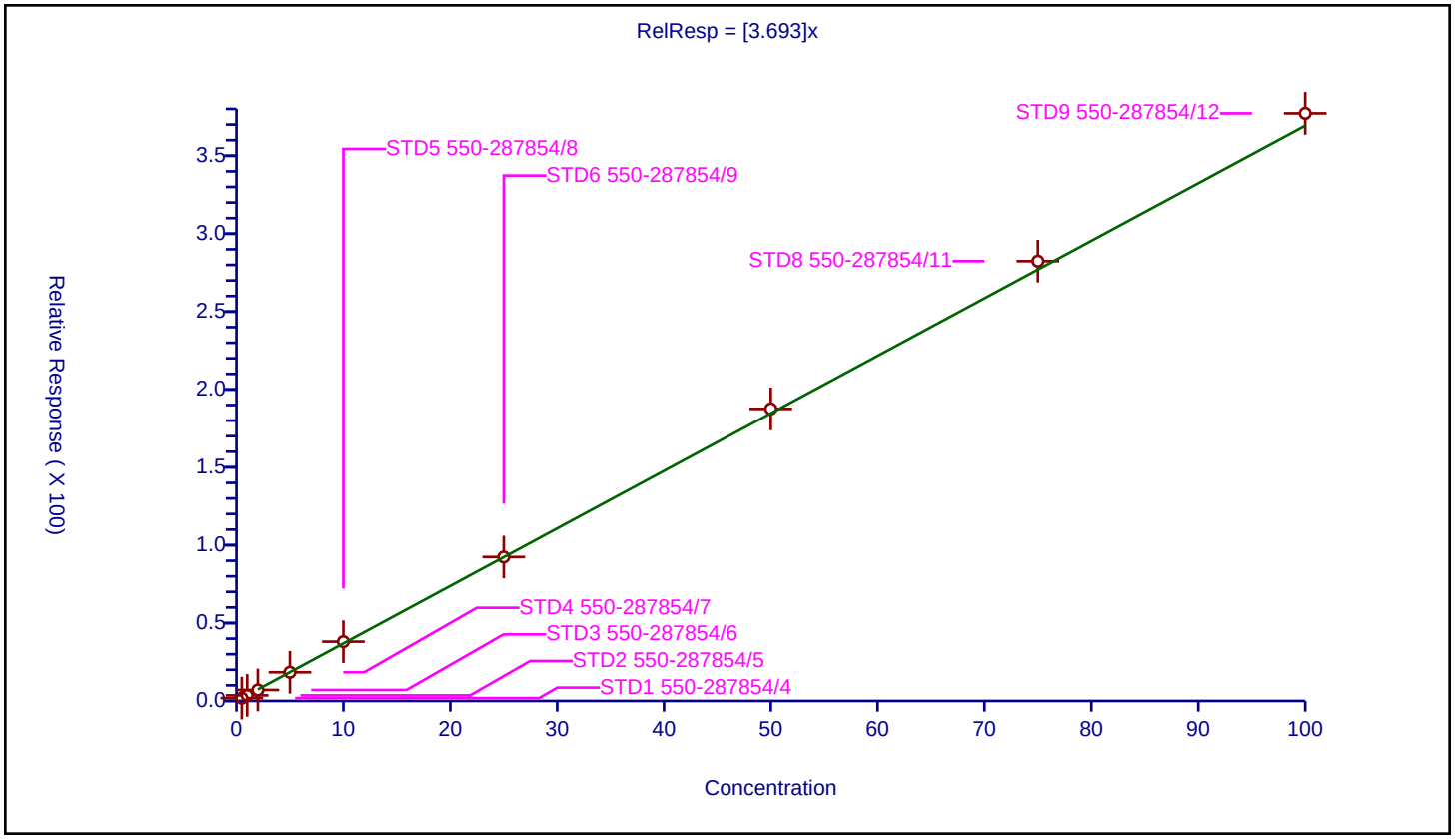
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

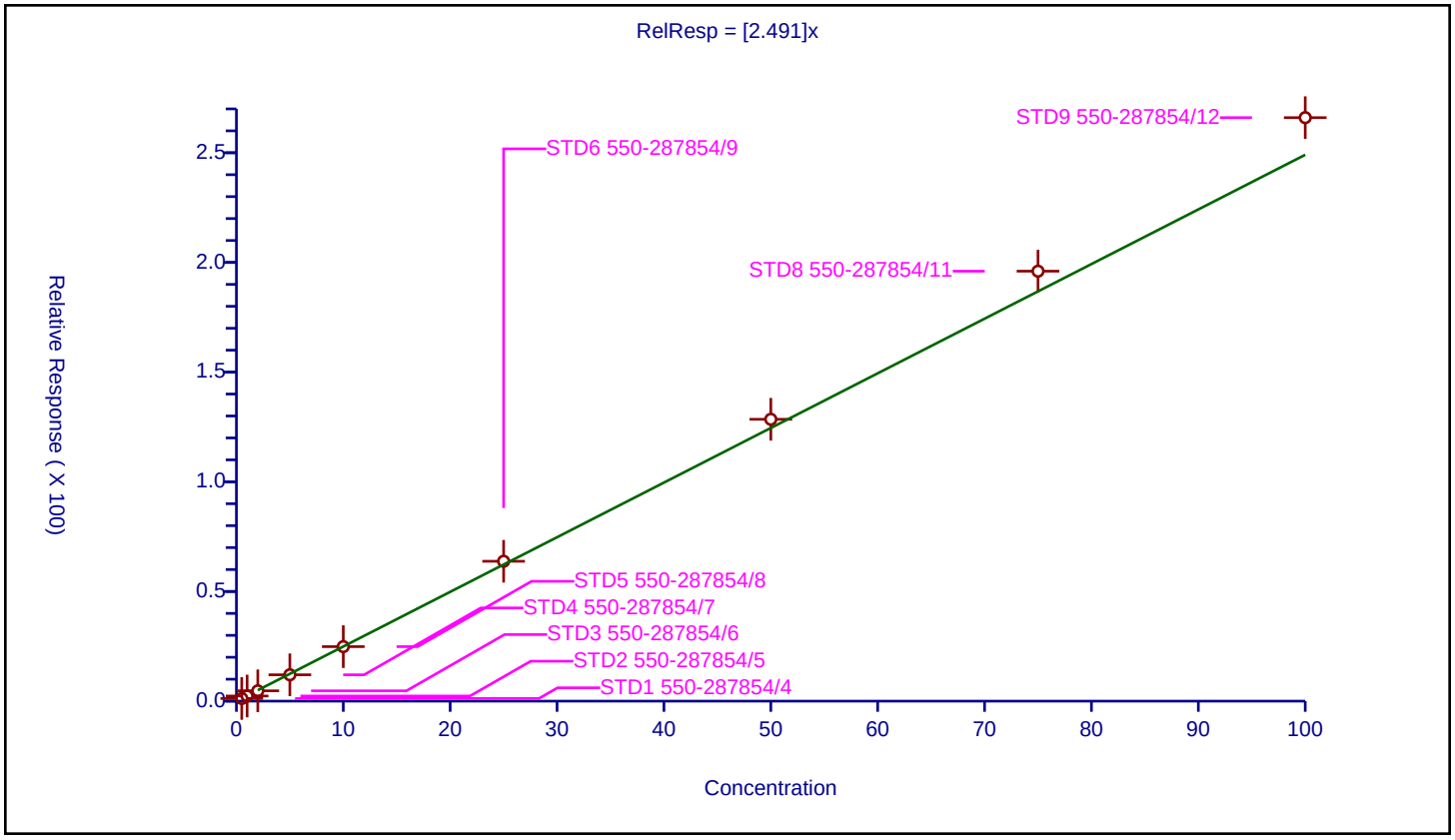
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

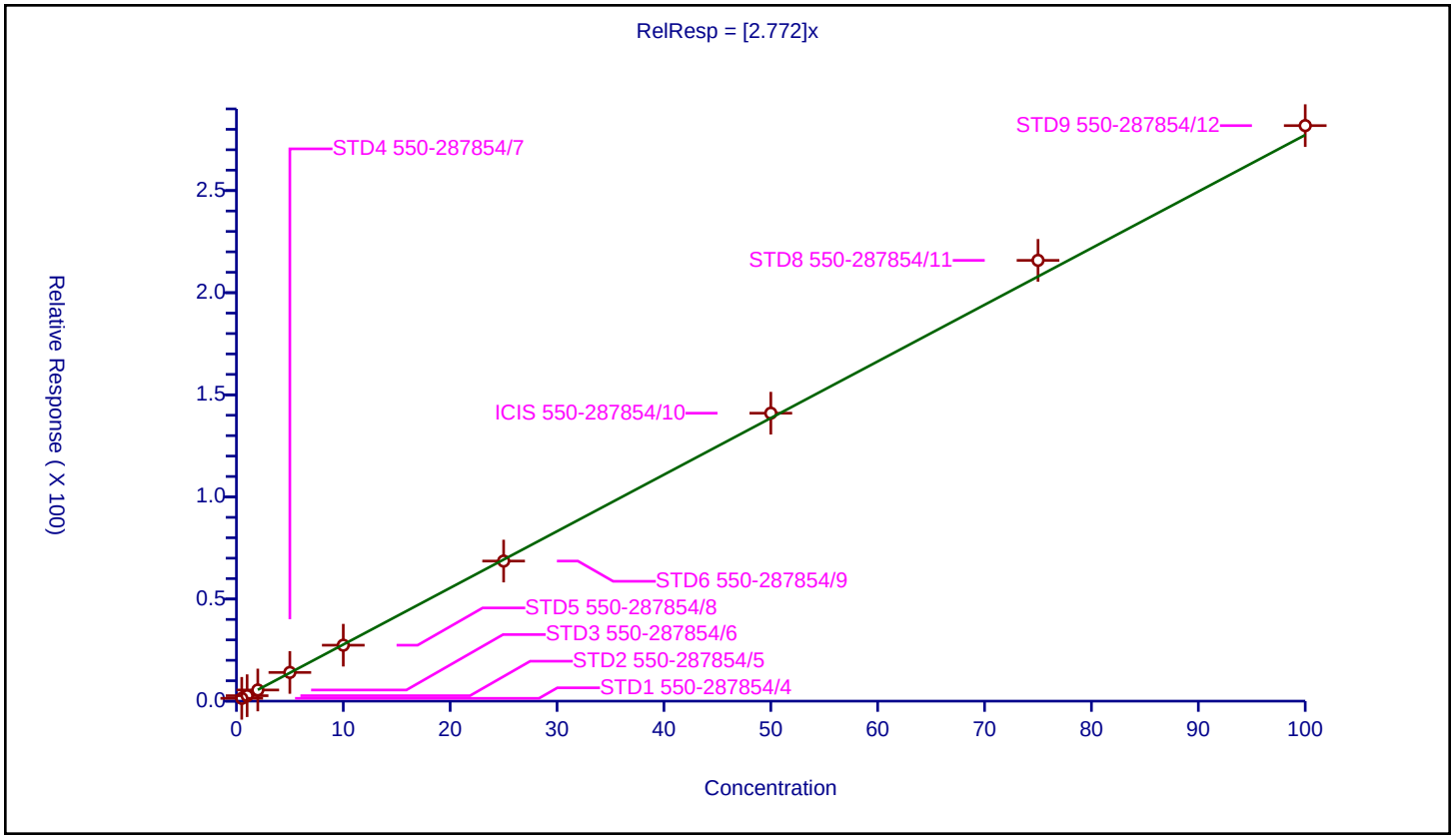
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

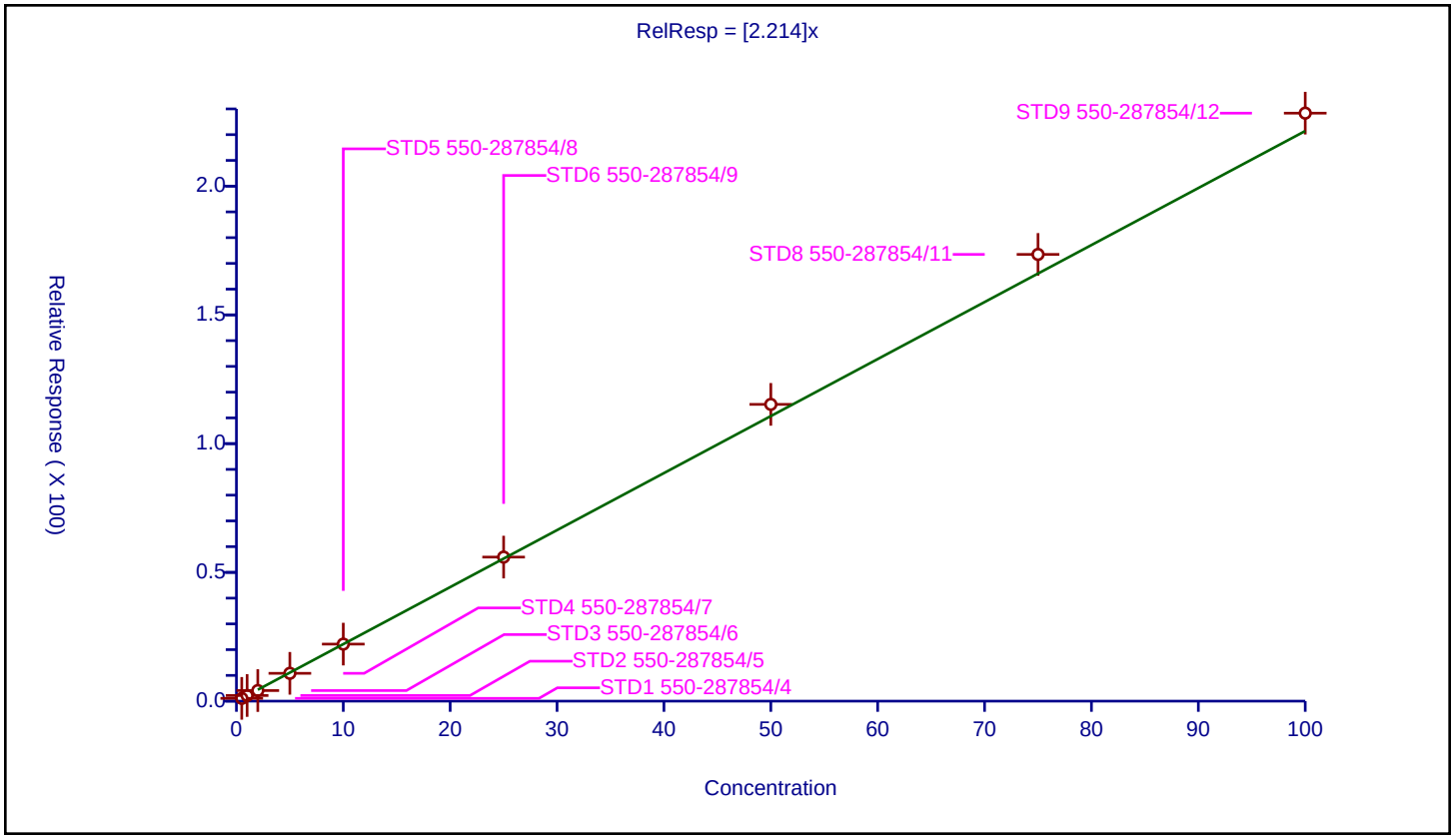
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

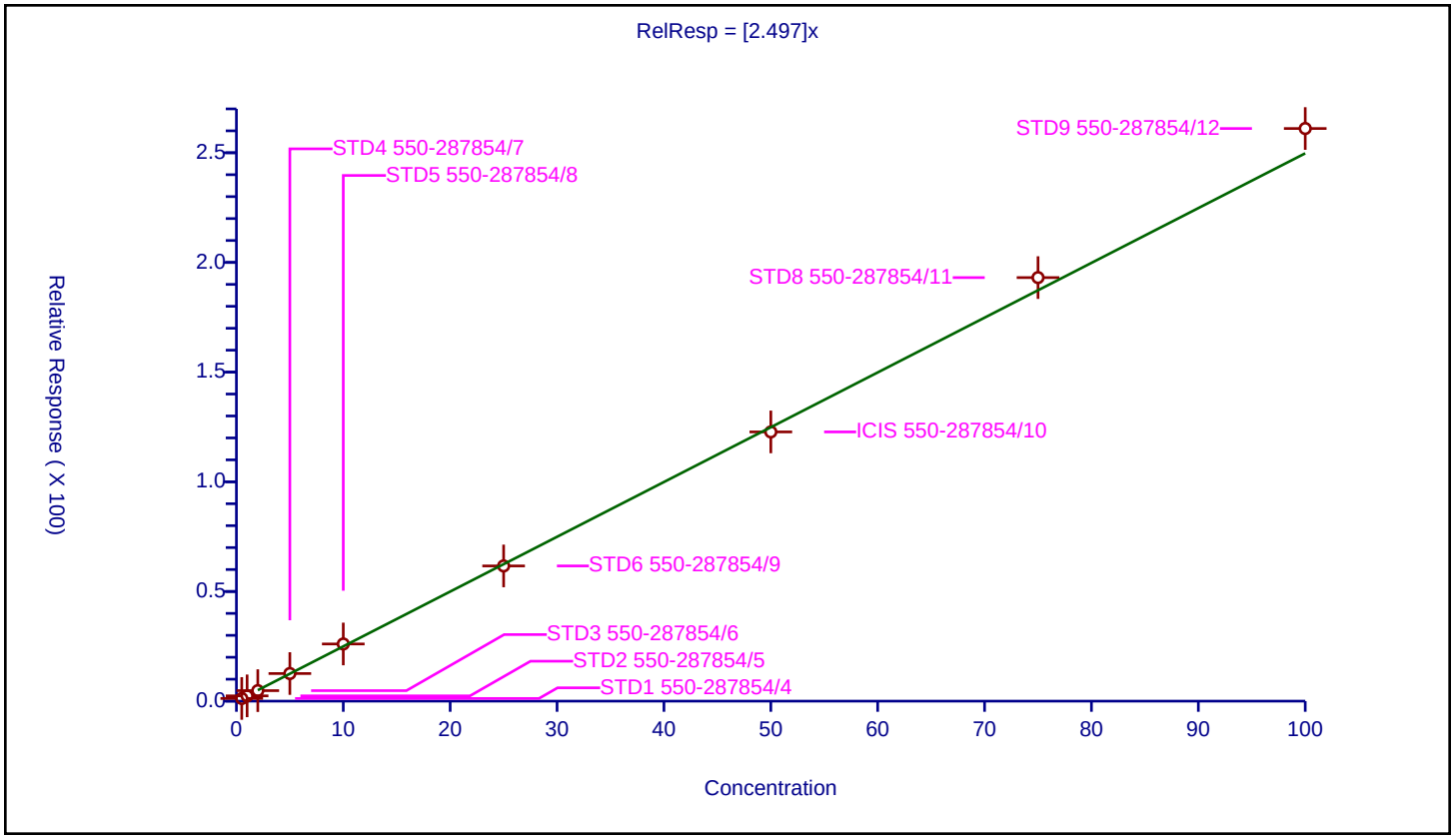
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

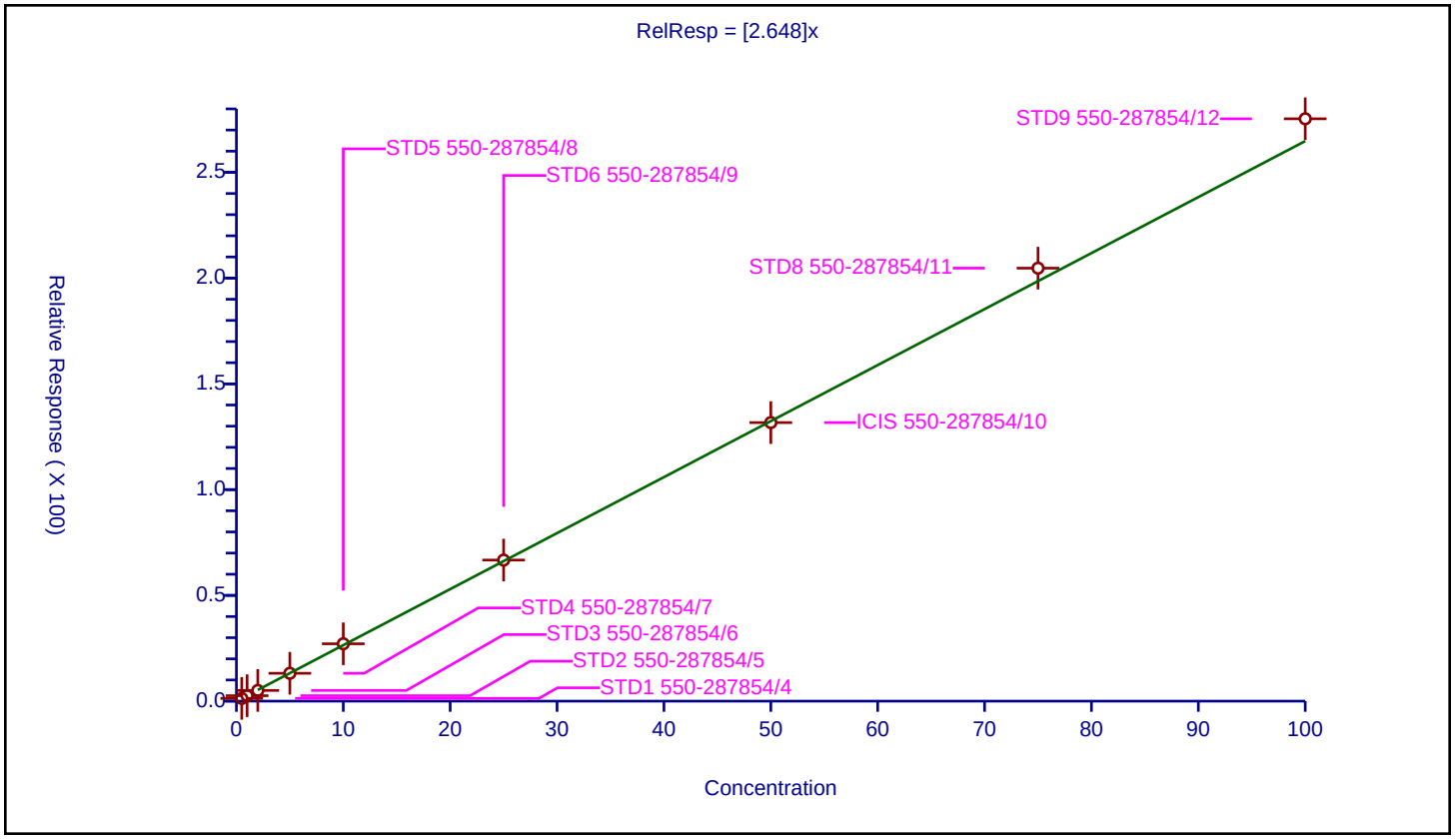
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

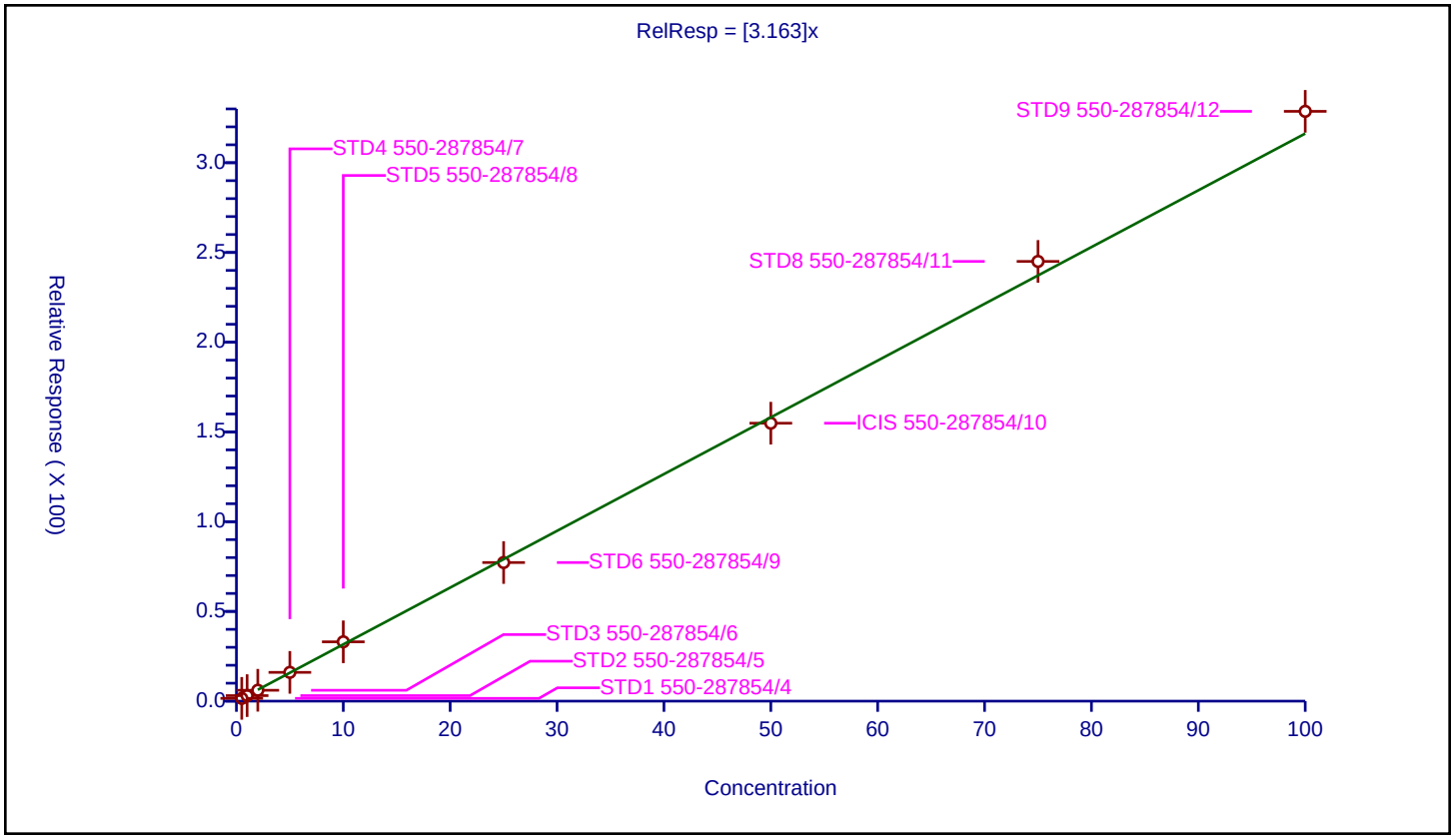
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

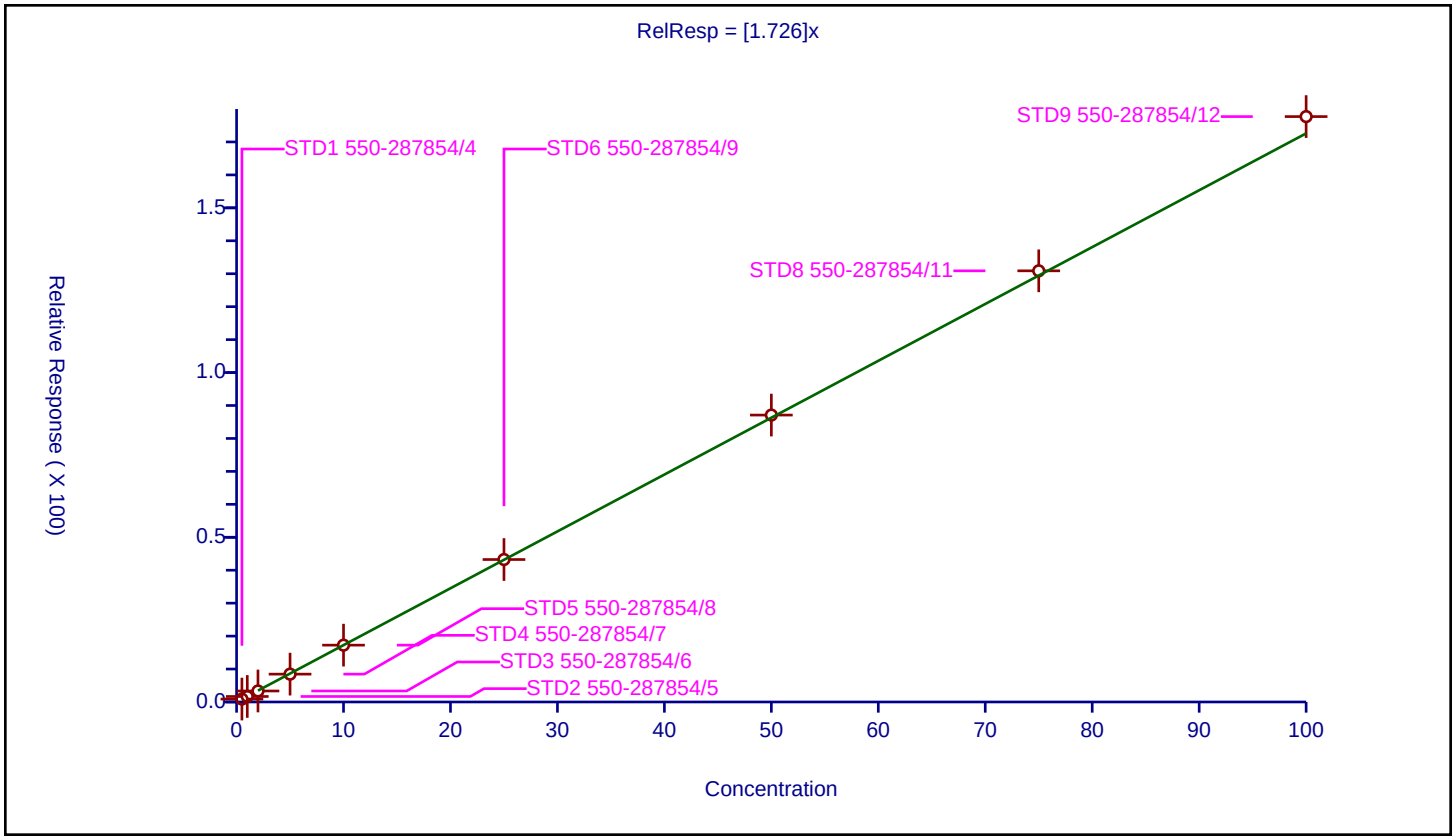
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

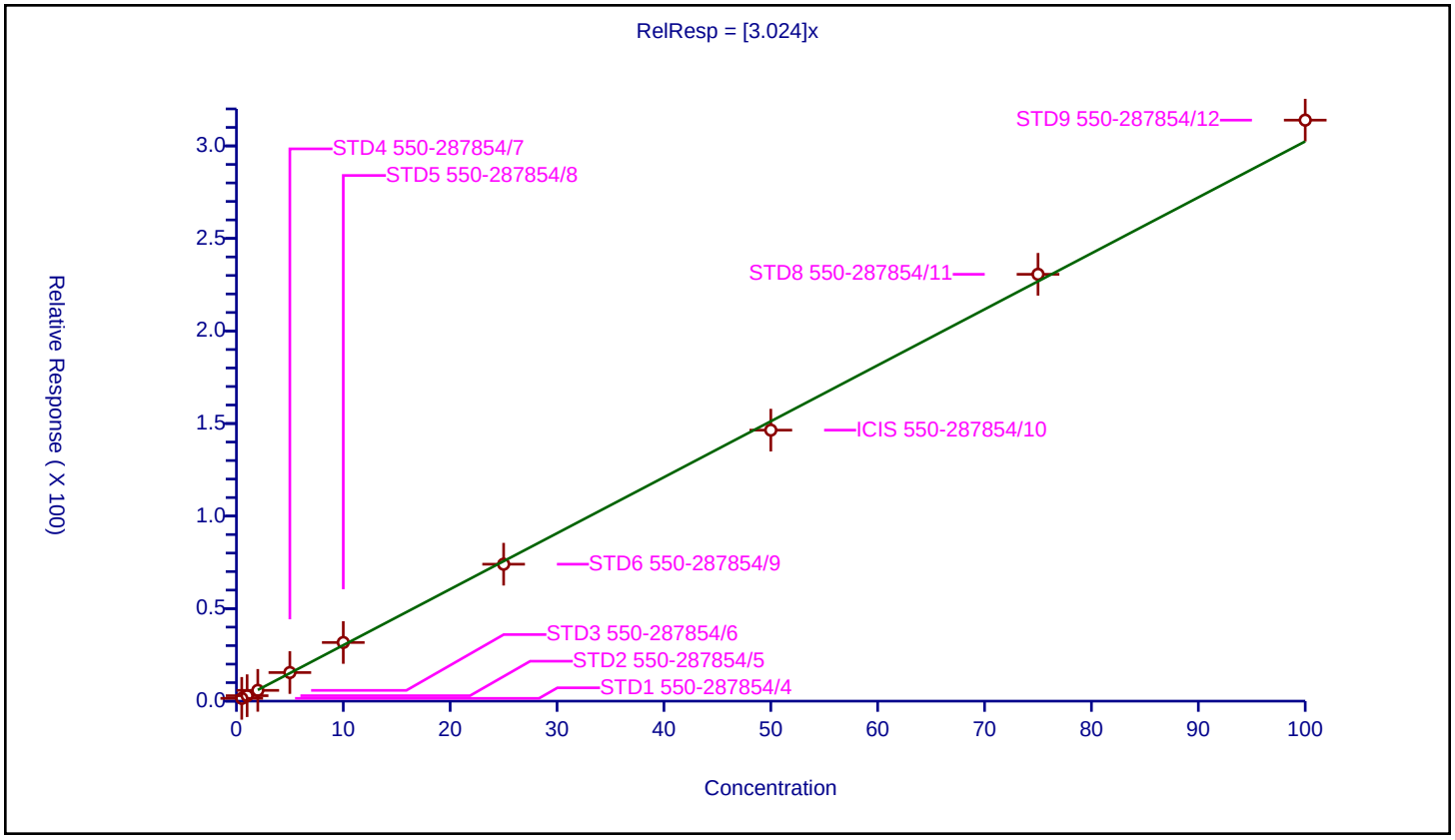
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

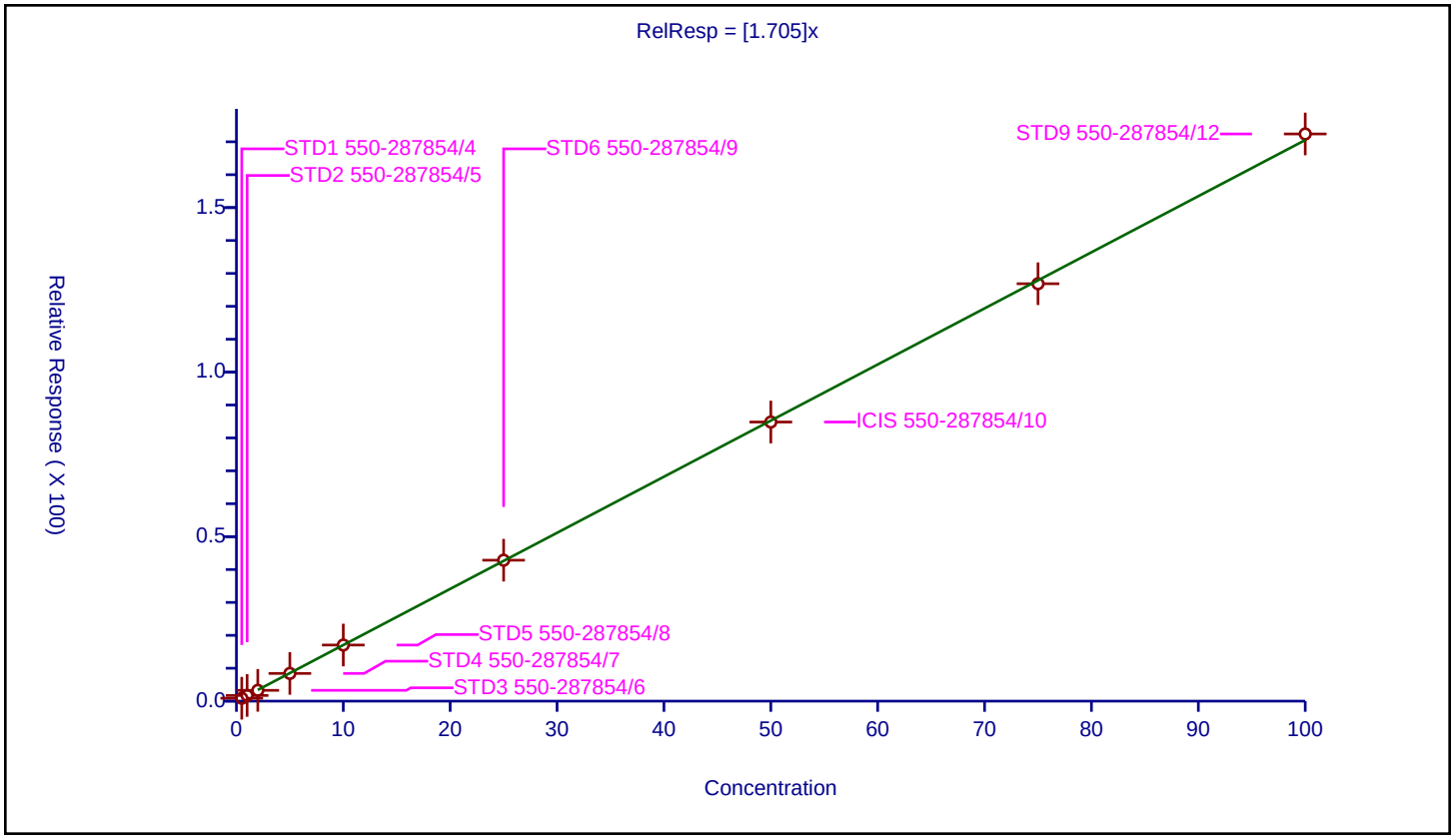
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

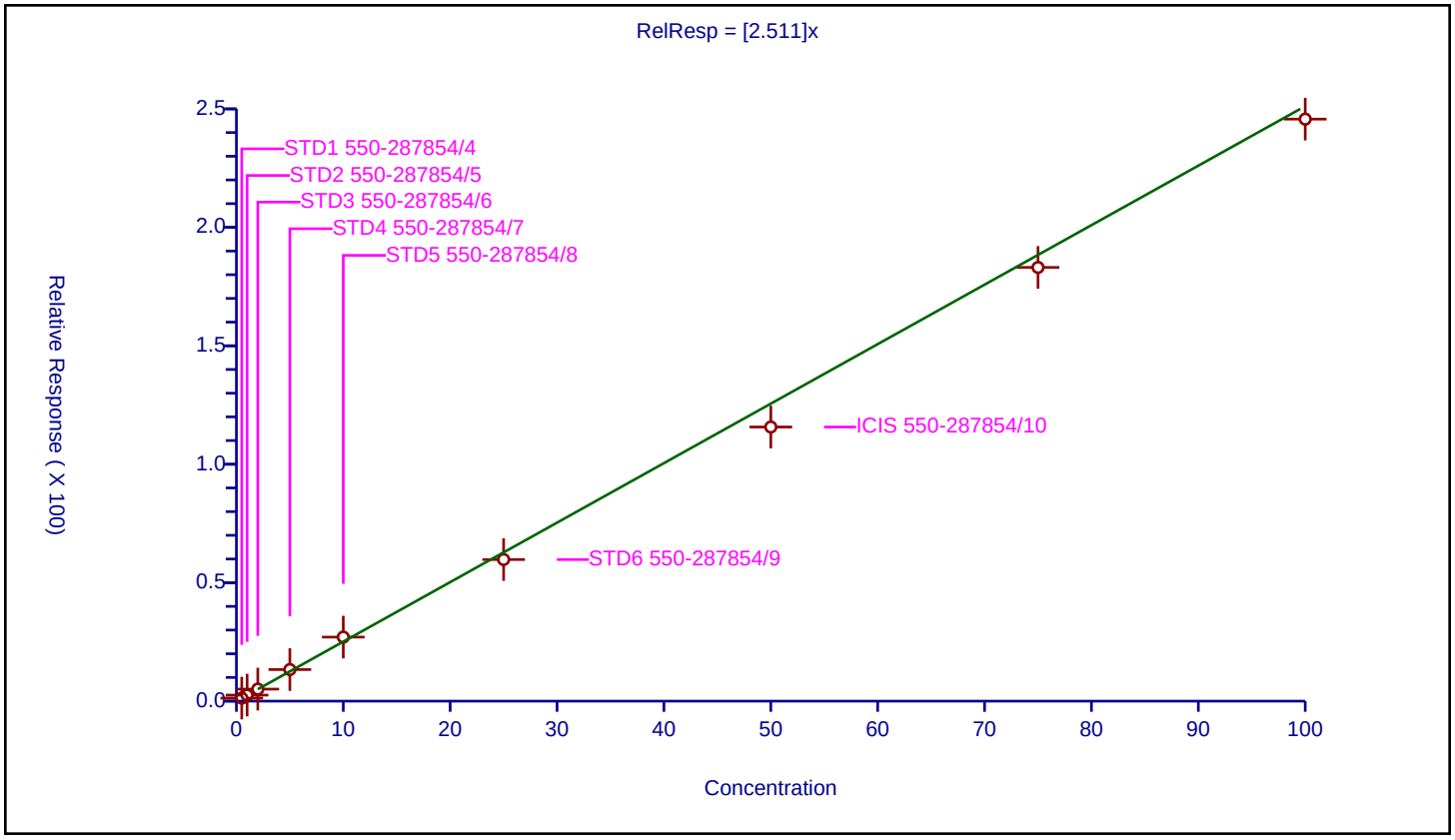
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

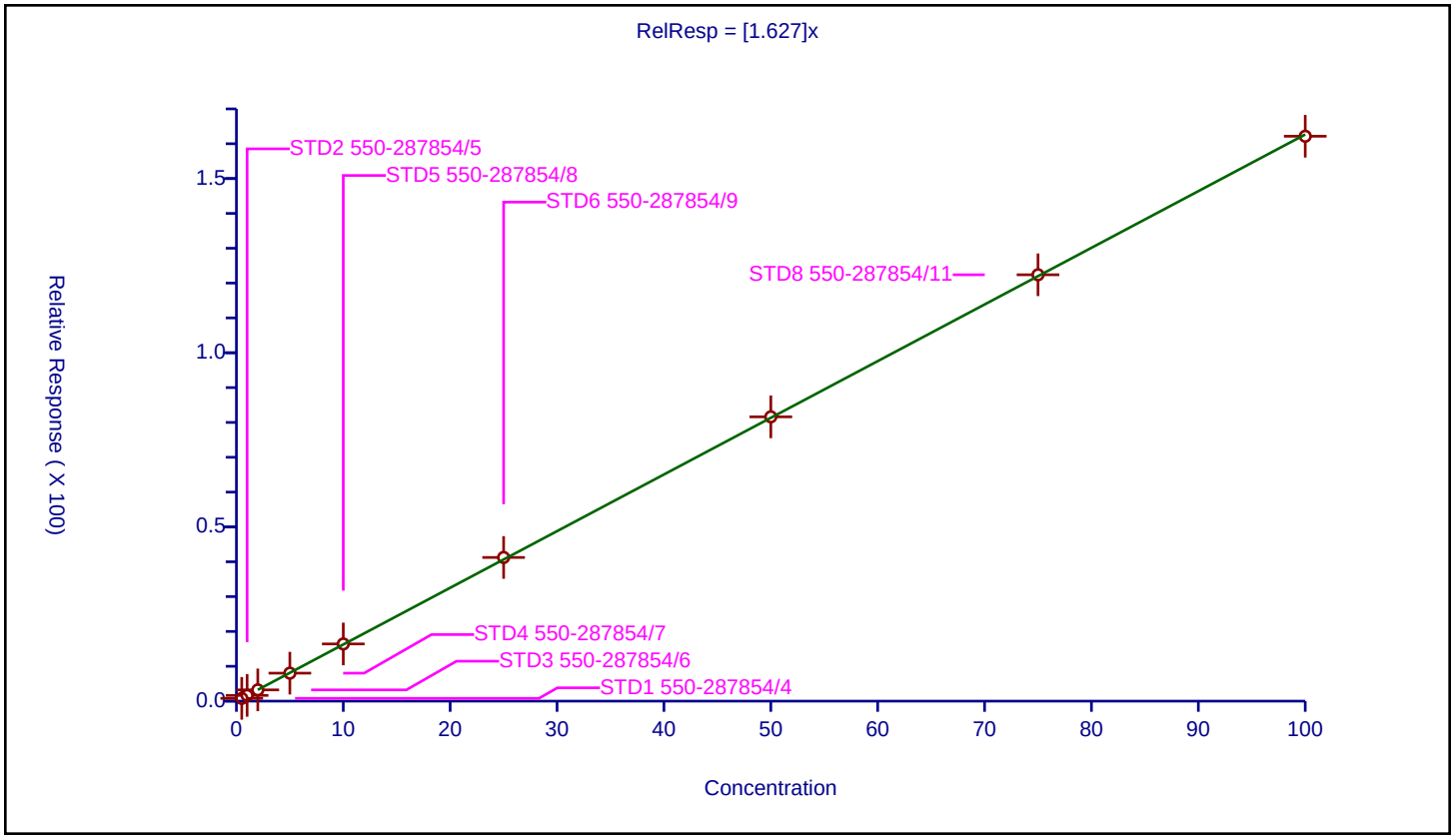
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

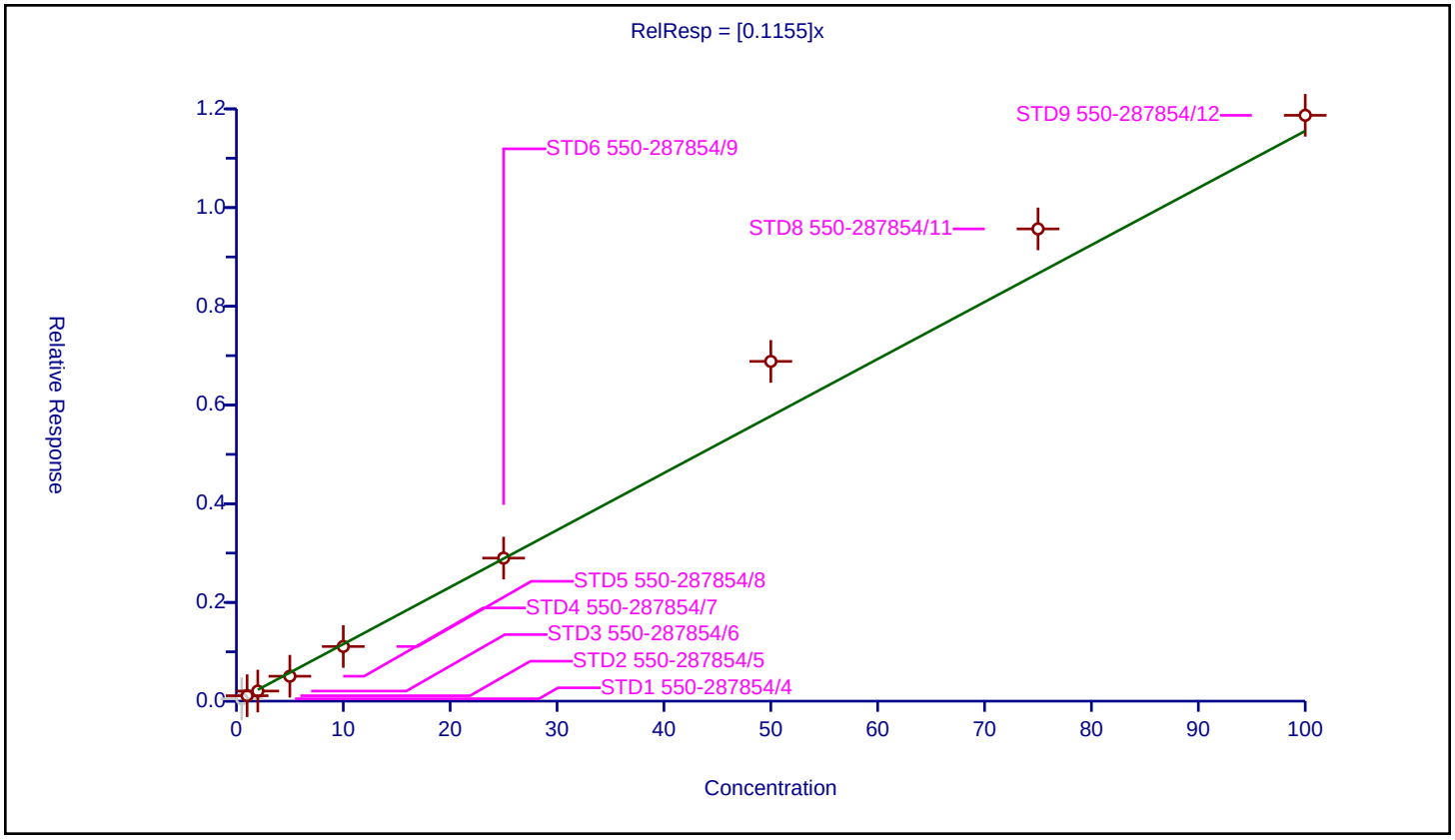
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

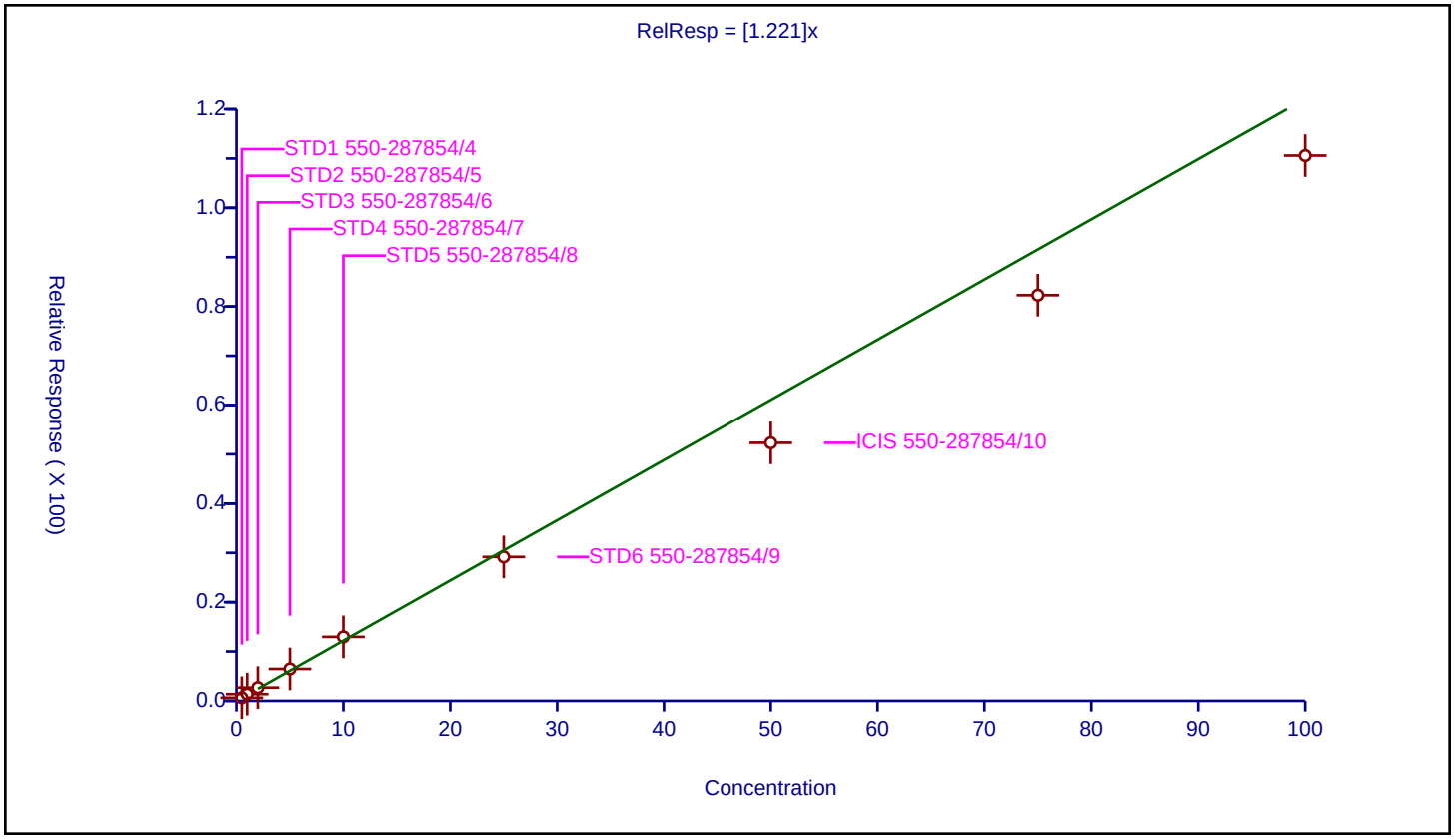
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

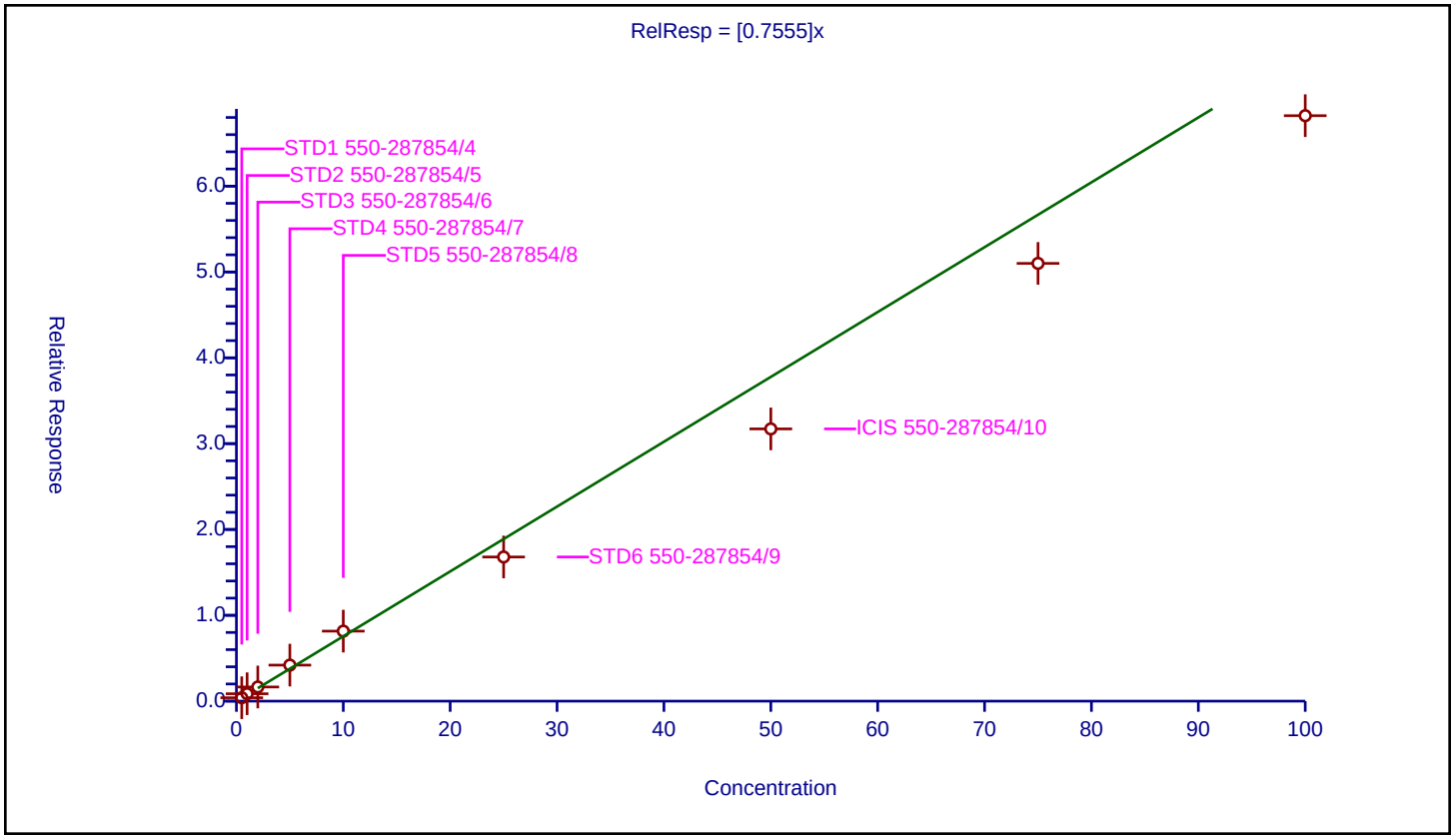
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

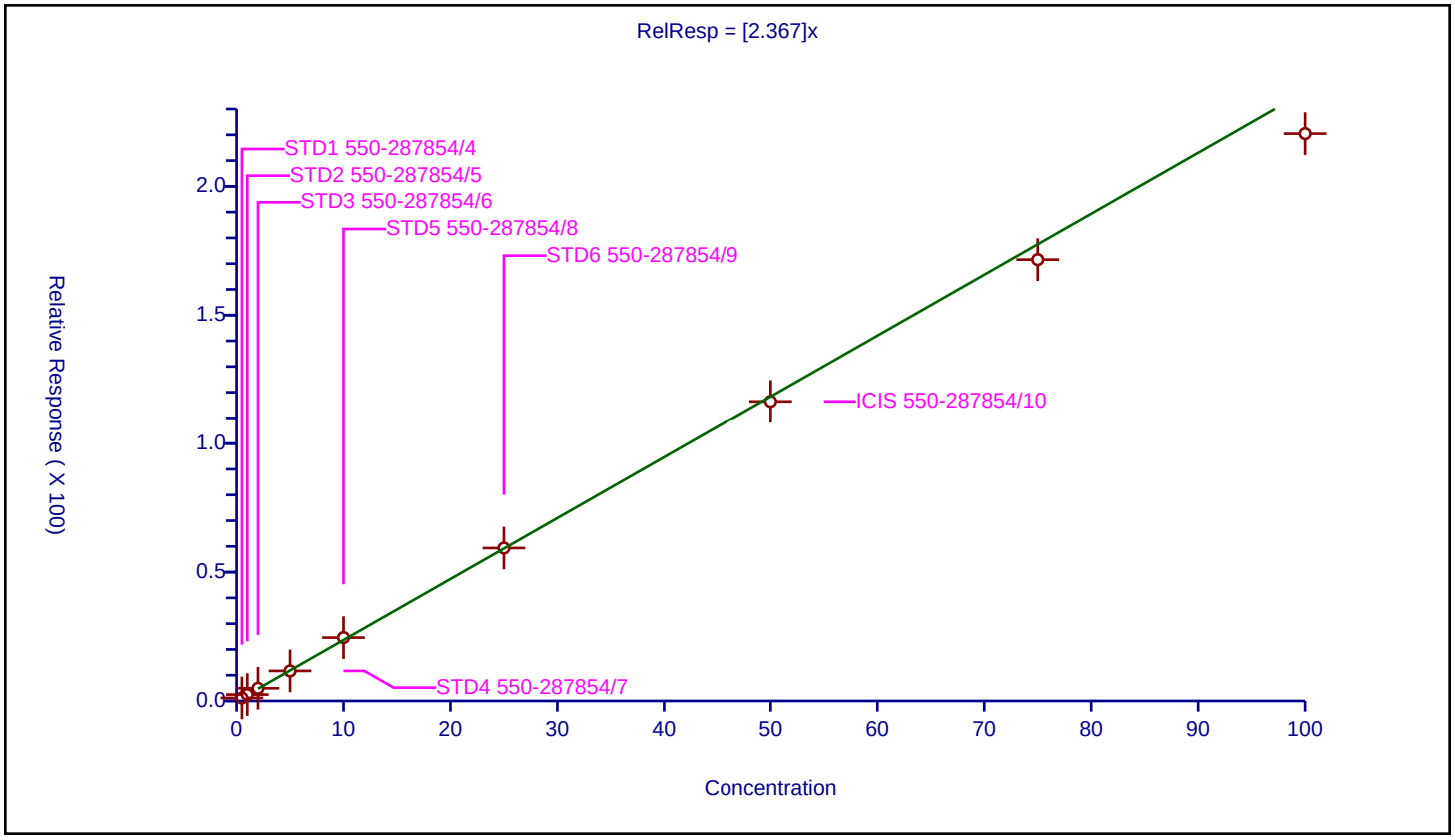
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

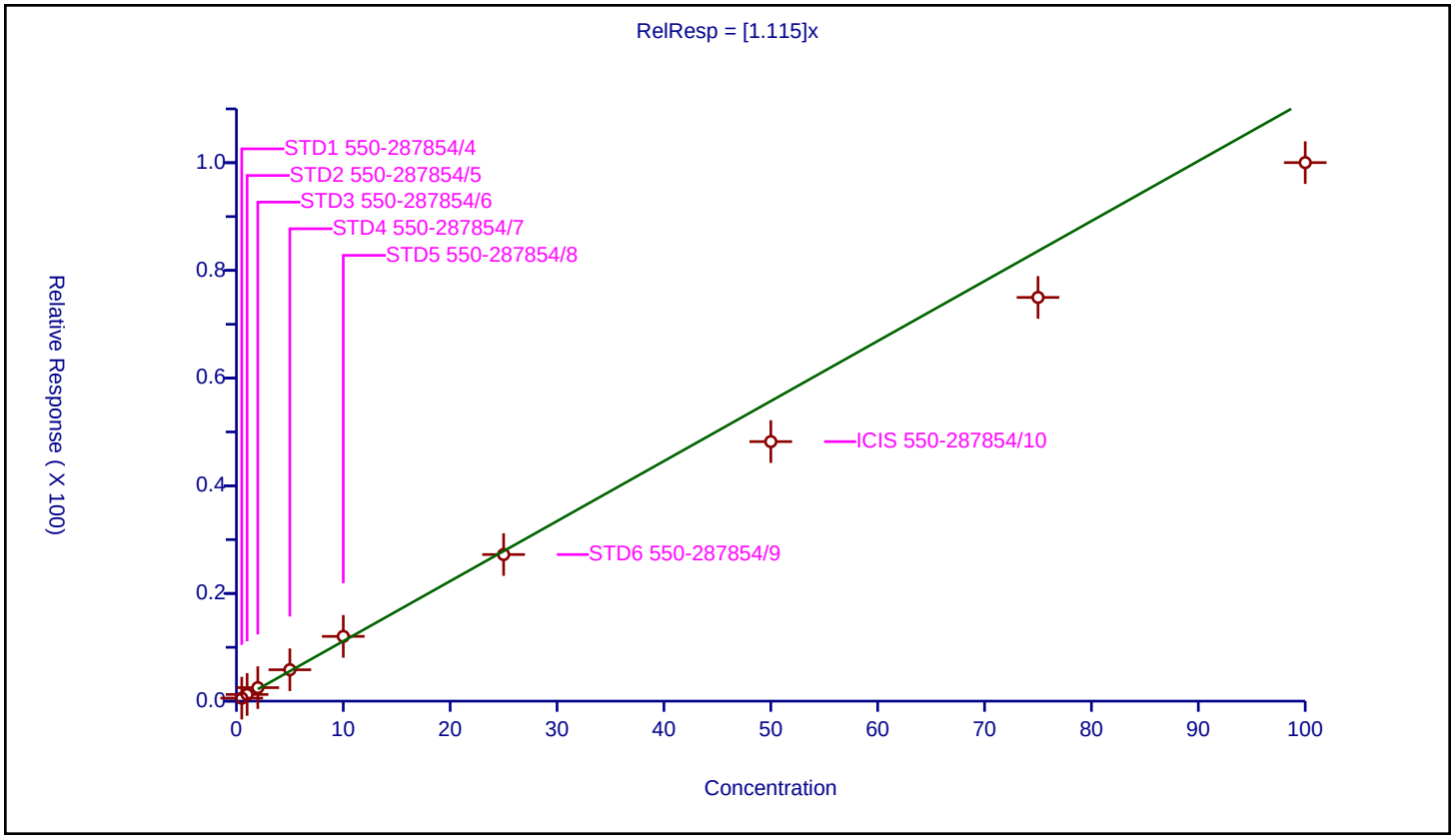
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288994/4	11182204.D
Level 2	STD2 550-288994/5	11182205.D
Level 3	STD3 550-288994/6	11182206.D
Level 4	STD4 550-288994/7	11182207.D
Level 5	STD5 550-288994/8	11182208.D
Level 6	STD6 550-288994/9	11182209.D
Level 7	ICIS 550-288994/10	11182210.D
Level 8	STD8 550-288994/11	11182211.D
Level 9	STD9 550-288994/12	11182212.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	0.4075 0.5751	0.6119 0.6344	0.5478 0.5974	0.5216 0.6031	0.5313	Ave		0.5589				12.2		15.0			
Dichlorodifluoromethane	0.9582 1.0041	0.8755 1.0883	0.9677 1.0187	0.9713 1.0204	1.0400	Ave		0.9938				6.1		15.0			
Chloromethane	1.2363 0.9129	1.0800 0.9590	0.9296 0.8864	0.9487 0.8943	0.9205	Ave		0.9742			0.1000	11.7		15.0			
Vinyl chloride	1.0315 1.0651	1.0965 1.1222	1.1160 1.0454	1.0779 1.0431	1.0640	Ave		1.0735				3.0		15.0			
Butadiene	1.3116 0.9239	1.0335 0.9776	1.1247 0.8900	0.9643 0.8811	0.9333	Ave		1.0044				13.7		15.0			
Bromomethane	+++++ 0.5785	+++++ 0.5673	0.8866 0.4958	0.6883 0.4404	0.6156	Lin2	0.7803	0.5119				9.2			0.9900		0.9900
Chloroethane	0.7246 0.4816	0.5820 0.4972	0.5655 0.4627	0.4963 0.4400	0.4805	Lin1	0.1512	0.4603				5.9			0.9980		0.9900
Trichlorofluoromethane	0.6162 1.1069	1.1814 1.1440	1.2000 1.0794	1.1374 1.0677	1.1193	Lin1	-0.051	1.0943				14.9			0.9990		0.9900
Ethanol	+++++ 0.1349	0.1850 0.1480	0.1743 0.1558	0.1722 0.1314	0.1724	Ave		0.1593				12.4		15.0			
1,1-Dichloroethene	0.7090 0.5847	0.5945 0.6052	0.6338 0.5625	0.5888 0.5491	0.5780	Ave		0.6006				7.9		15.0			
Freon 113	0.6244 0.6904	0.6717 0.7301	0.7554 0.6731	0.7012 0.6759	0.6987	Ave		0.6912				5.4		15.0			
Acetone	+++++ 0.2017	+++++ 0.1936	0.3125 0.1744	0.2485 0.1955	0.2136	Lin1	0.2762	0.1851				5.3			0.9970		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	1.1852 1.0345	1.0979 1.0580	1.1482 1.0033	1.0342 0.9642	1.0120	Ave		1.0597				6.7		15.0			
Carbon disulfide	2.1832 2.0160	2.1441 2.0943	2.2938 1.9692	2.0483 1.8781	1.9686	Ave		2.0662				6.2		15.0			
Methylene Chloride	0.7047 0.4691	0.5720 0.4714	0.5187 0.4478	0.4875 0.4396	0.4636	Lin1	0.1366	0.4493				3.1			0.9990		0.9900
2-Methyl-2-propanol	1.2757 1.2882	1.1412 1.2764	1.1910 1.2644	1.2284 1.2881	1.3151	Ave		1.2521				4.4		15.0			
trans-1,2-Dichloroethene	0.6544 0.5301	0.5983 0.5383	0.6109 0.5111	0.5421 0.5037	0.5216	Ave		0.5567				9.3		15.0			
Methyl tert-butyl ether	1.1797 1.0089	1.0161 1.0200	1.0561 0.9839	0.9539 1.0230	0.9558	Ave		1.0220				6.6		15.0			
Hexane	0.7819 0.6005	0.7176 0.5896	0.6700 0.5720	0.6277 0.5973	0.6028	Ave		0.6399				10.9		15.0			
1,1-Dichloroethane	0.7975 0.7455	0.7593 0.7340	0.8420 0.7224	0.7570 0.7277	0.7270	Ave		0.7569			0.1000	5.2		15.0			
Vinyl acetate	+++++ 0.0356	+++++ 0.0341	+++++ 0.0335	0.0317 0.0373	0.0350	Ave		0.0345				5.5		15.0			
Isopropyl ether	1.0565 0.9901	1.0822 1.0045	1.0747 0.9866	0.9622 1.0145	0.9438	Ave		1.0128				4.8		15.0			
Tert-butyl ethyl ether	0.9278 0.9961	0.9418 1.0060	0.9817 0.9784	0.9155 1.0202	0.9257	Ave		0.9659				4.0		15.0			
2-Butanone (MEK)	+++++ 0.0353	+++++ 0.0333	+++++ 0.0332	0.0265 0.0388	0.0297	Ave		0.0328				13.1		15.0			
cis-1,2-Dichloroethene	0.9740 0.7860	0.9414 0.7266	1.0138 0.7024	0.8491 0.6906	0.8072	Ave		0.8323				14.5		15.0			
2,2-Dichloropropane	1.0643 0.8932	0.9733 0.9320	1.0383 0.8808	0.9210 0.8756	0.9022	Ave		0.9423				7.3		15.0			
Chlorobromomethane	0.1774 0.1937	0.1848 0.1880	0.2015 0.1854	0.1924 0.1872	0.1828	Ave		0.1881				3.7		15.0			
Tetrahydrofuran	+++++ 0.0594	+++++ 0.0524	0.0690 0.0501	0.0616 0.0575	0.0573	Ave		0.0582				10.6		15.0			
Chloroform	0.7815 0.6539	0.6776 0.6383	0.7329 0.6274	0.6722 0.6271	0.6493	Ave		0.6734				7.7		15.0			
1,1,1-Trichloroethane	1.0292 0.8750	0.9994 0.9020	0.9802 0.8643	0.8828 0.8618	0.8497	Ave		0.9160				7.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	1.6773 1.3862	1.6243 1.3779	1.8442 1.2847	1.5039 1.2581	1.4132	Ave		1.4855				13.1		15.0			
1,1-Dichloropropene	0.8777 0.9228	1.0740 0.8638	1.1124 0.8327	1.0116 0.8174	0.9670	Lin1	0.2250	0.8451				21.4			0.9970		0.9900
Benzene	2.7958 2.3928	2.9003 2.2606	2.9645 2.2313	2.6975 2.2028	2.5380	Ave		2.5537				11.6		15.0			
1,2-Dichloroethane	0.4990 0.5387	0.5213 0.4999	0.6154 0.4859	0.5746 0.4858	0.5623	Ave		0.5314				8.5		15.0			
Tert-amyl methyl ether	1.7466 1.5963	1.7194 1.5067	1.8802 1.4467	1.5483 1.5212	1.4825	Ave		1.6053				9.1		15.0			
Trichloroethene	0.6398 0.6440	0.7628 0.6018	0.7590 0.5920	0.7057 0.5876	0.6882	Lin1	0.1504	0.5997				18.7			0.9980		0.9900
1,2-Dichloropropane	0.4392 0.4603	0.5064 0.4421	0.5079 0.4432	0.4892 0.4458	0.4768	Ave		0.4679				6.0		15.0			
Dibromomethane	0.2459 0.2803	0.3193 0.2586	0.3140 0.2527	0.2996 0.2503	0.2962	Ave		0.2797				10.3		15.0			
Dichlorobromomethane	0.7836 0.6275	0.7221 0.5942	0.7107 0.5931	0.6834 0.5812	0.6789	Ave		0.6639				10.5		15.0			
2-Chloroethyl vinyl ether	+++++ 0.1494	0.1047 0.1461	0.1267 0.1467	0.1432 0.1559	0.1484	Ave		0.1401				11.8		15.0			
cis-1,3-Dichloropropene	0.5618 0.6148	0.5782 0.5875	0.6193 0.5926	0.6438 0.5886	0.6438	Ave		0.6034				4.8		15.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.3787	+++++ 0.3524	0.7503 0.3455	0.4283 0.4103	0.3818	Lin1	0.5524	0.3656				16.7			0.9900		0.9900
Toluene	1.3184 1.2410	1.2855 1.2194	1.3317 1.2230	1.3016 1.2428	1.2634	Ave		1.2696				3.3		15.0			
trans-1,3-Dichloropropene	0.3918 0.4418	0.3996 0.4109	0.3899 0.4195	0.4345 0.4161	0.4578	Ave		0.4180				5.5		15.0			
1,1,2-Trichloroethane	0.2751 0.2756	0.2433 0.2670	0.2712 0.2665	0.2822 0.2759	0.2814	Ave		0.2709				4.3		15.0			
Tetrachloroethene	0.4275 0.5596	0.5789 0.5616	0.5871 0.5469	0.6045 0.5470	0.5806	Ave		0.5549				9.3		15.0			
1,3-Dichloropropane	0.3378 0.4020	0.3445 0.3944	0.4325 0.3954	0.4011 0.4050	0.4116	Ave		0.3916				7.9		15.0			
Methyl n-butyl ketone (MNBK)	+++++ 0.1753	+++++ 0.1632	0.2000 0.1542	0.1642 0.1855	0.1986	Ave		0.1773				10.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3020 0.3858	0.3639 0.3806	0.4342 0.3777	0.4012 0.3825	0.4002	Ave		0.3809				9.4		15.0			
1,2-Dibromoethane	+++++ 0.2690	0.2504 0.2547	0.2565 0.2523	0.2778 0.2623	0.2751	Lin2	-0.0122	0.2651				3.9			0.9980		0.9900
Chlorobenzene	1.0623 1.1269	1.1317 1.1121	1.1877 1.1330	1.2196 1.1371	1.1714	Ave		1.1424			0.3000	4.0		15.0			
1,1,1,2-Tetrachloroethane	0.6019 0.6507	0.7020 0.6420	0.7113 0.6259	0.6509 0.6227	0.6417	Ave		0.6499				5.5		15.0			
Ethylbenzene	2.4748 2.2362	2.4494 2.2423	2.6384 2.2239	2.4223 2.2296	2.3153	Ave		2.3591				6.2		15.0			
m-Xylene & p-Xylene	1.1331 1.3691	1.1727 1.4434	1.2379 1.5709	1.2855 1.6347	1.3631	Ave		1.3567				12.6		15.0			
o-Xylene	1.3314 1.6047	1.3109 1.6806	1.3999 1.8308	1.4645 1.8908	1.5301	Ave		1.5604				13.4		15.0			
Styrene	1.7354 1.7858	1.7130 1.8274	1.6216 1.9886	1.7649 2.0575	1.7969	Ave		1.8101				7.5		15.0			
Bromoform	0.2828 0.4208	0.3018 0.4309	0.3848 0.4526	0.3929 0.4850	0.4131	Lin1	-0.145	0.4586			0.1000	11.0			0.9970		0.9900
Isopropylbenzene	4.2403 4.9838	4.0992 5.3310	4.3625 5.6467	4.5630 5.8418	4.7838	Ave		4.8725				12.8		15.0			
1,1,2,2-Tetrachloroethane	0.6317 0.7403	0.7208 0.7382	0.7472 0.7643	0.6759 0.8508	0.6932	Ave		0.7292			0.3000	8.4		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1165	+++++ 0.1089	0.0998 0.1085	0.1204 0.1152	0.1198	Ave		0.1127				6.5		15.0			
Bromobenzene	0.6427 0.7565	0.7103 0.7788	0.6922 0.8265	0.7651 0.8401	0.7685	Ave		0.7534				8.4		15.0			
1,2,3-Trichloropropane	+++++ 0.1934	0.1568 0.1916	0.1411 0.1965	0.1911 0.2221	0.1798	Ave		0.1841				13.6		15.0			
N-Propylbenzene	4.7921 4.8127	4.5629 4.9107	4.6293 5.1974	4.7165 5.3775	4.7742	Ave		4.8637				5.4		15.0			
2-Chlorotoluene	3.1256 3.1505	3.0438 3.2108	2.9972 3.4366	3.1131 3.5084	3.1022	Ave		3.1876				5.4		15.0			
1,3,5-Trimethylbenzene	3.4993 3.9718	3.2941 4.2284	3.5882 4.4488	3.7394 4.5518	3.7899	Ave		3.9013				11.1		15.0			
4-Chlorotoluene	2.3662 2.1715	2.2437 2.1867	2.1412 2.2848	2.3202 2.3151	2.2635	Ave		2.2548				3.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.6095 3.7170	2.5333 4.0696	2.7327 4.3427	3.2805 4.4564	3.5825	Lin1	-1.823	4.2670				20.4			0.9960		0.9900
1,2,4-Trimethylbenzene	3.8601 3.7200	3.4927 3.8709	3.5503 4.0917	3.6108 4.1793	3.6224	Ave		3.7776				6.4		15.0			
sec-Butylbenzene	4.4101 5.3758	4.2476 5.7506	4.7016 6.0848	4.9341 6.2084	5.1410	Ave		5.2060				13.6		15.0			
1,3-Dichlorobenzene	1.7437 1.7605	1.7729 1.7566	1.8065 1.8174	1.8426 1.8051	1.8013	Ave		1.7896				1.8		15.0			
4-Isopropyltoluene	4.2384 4.8491	4.1173 5.1947	4.4406 5.4047	4.6324 5.4787	4.7514	Ave		4.7897				10.2		15.0			
1,4-Dichlorobenzene	1.7400 1.6500	1.7008 1.6801	1.7663 1.7127	1.7104 1.6975	1.7143	Ave		1.7080				1.9		15.0			
n-Butylbenzene	4.5984 4.2562	4.3774 4.4423	4.5481 4.5151	4.3514 4.4782	4.3279	Ave		4.4328				2.5		15.0			
1,2-Dichlorobenzene	1.9457 1.9536	1.9385 2.0003	2.0241 2.0536	1.9601 2.0598	1.9362	Ave		1.9858				2.5		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2429	0.1939 0.2412	0.2594 0.2428	0.1958 0.2810	0.2207	Ave		0.2347				12.8		15.0			
1,2,4-Trichlorobenzene	2.3873 2.4464	2.4852 2.5160	2.5339 2.6355	2.3236 2.5910	2.3527	Ave		2.4746				4.3		15.0			
Hexachlorobutadiene	1.2010 1.5883	1.2730 1.7276	1.4196 1.7817	1.5525 1.7771	1.5632	Ave		1.5427				13.6		15.0			
Naphthalene	5.2907 5.0717	5.0249 5.0758	5.4106 5.2110	4.5659 5.5551	4.5588	Ave		5.0849				6.7		15.0			
1,2,3-Trichlorobenzene	2.3267 2.3567	2.3301 2.4270	2.5002 2.5028	2.2519 2.5293	2.2171	Ave		2.3824				4.8		15.0			
Dibromofluoromethane (Surr)	0.2857 0.3286	0.2744 0.3077	0.3110 0.3269	0.3358 0.3180	0.3331	Ave		0.3135				6.8		15.0			
Toluene-d8 (Surr)	1.7902 1.8254	1.7740 1.7297	1.8039 1.8180	1.8410 1.7918	1.8282	Ave		1.8002				1.9		15.0			
4-Bromofluorobenzene (Surr)	0.7621 0.7708	0.6012 0.7411	0.7003 0.8191	0.7588 0.8366	0.7777	Ave		0.7520				9.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288994/4	11182204.D
Level 2	STD2 550-288994/5	11182205.D
Level 3	STD3 550-288994/6	11182206.D
Level 4	STD4 550-288994/7	11182207.D
Level 5	STD5 550-288994/8	11182208.D
Level 6	STD6 550-288994/9	11182209.D
Level 7	ICIS 550-288994/10	11182210.D
Level 8	STD8 550-288994/11	11182211.D
Level 9	STD9 550-288994/12	11182212.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Ave	1045	3417	5810	16822	34835	0.500	1.00	2.00	5.00	10.0
			87814	177796	273560	365040		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	2457	4889	10263	31325	68190	0.500	1.00	2.00	5.00	10.0
			153316	304992	466474	617675		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	3170	6031	9859	30596	60355	0.500	1.00	2.00	5.00	10.0
			139386	268766	405894	541316		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	2645	6123	11835	34763	69764	0.500	1.00	2.00	5.00	10.0
			162629	314493	478694	631417		25.0	50.0	75.0	100	
Butadiene	FB	Ave	3363	5771	11928	31099	61196	0.500	1.00	2.00	5.00	10.0
			141067	273968	407542	533340		25.0	50.0	75.0	100	
Bromomethane	FB	Lin2	+++++	+++++	9403	22197	40365	+++++	+++++	2.00	5.00	10.0
			88325	158996	227037	266557		25.0	50.0	75.0	100	
Chloroethane	FB	Lin1	1858	3250	5997	16005	31506	0.500	1.00	2.00	5.00	10.0
			73528	139351	211856	266345		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Lin1	1580	6597	12726	36679	73389	0.500	1.00	2.00	5.00	10.0
			169010	320599	494253	646309		25.0	50.0	75.0	100	
Ethanol	TBAd9	Ave	+++++	848	1756	3916	7675	+++++	20.0	40.0	100	200
			16828	32869	52479	72903		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	1818	3320	6722	18988	37897	0.500	1.00	2.00	5.00	10.0
			89271	169618	257580	332356		25.0	50.0	75.0	100	
Freon 113	FB	Ave	1601	3751	8011	22614	45809	0.500	1.00	2.00	5.00	10.0
			105417	204600	308196	409151		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	+++++	1658	4370	7988	+++++	+++++	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			17833	33194	50018	74802		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	3039 157945	6131 296501	12177 459436	33353 583631	66355	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	5598 307807	11973 586938	24326 901700	66057 1136844	129073	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	1807 71625	3194 132116	5501 205066	15722 266076	30396	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Ave	748 40161	1308 70862	3000 106443	6982 178721	14637	2.50 125	5.00 250	10.0 375	25.0 500	50.0
trans-1,2-Dichloroethene	FB	Ave	1678 80940	3341 150872	6479 234051	17481 304901	34197	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methyl tert-butyl ether	FB	Ave	3025 154049	5674 285843	11200 450551	30764 619256	62671	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	2005 91693	4007 165238	7106 261920	20242 361545	39526	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	2045 113830	4240 205692	8930 330801	24412 440474	47667	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	+++++ 5429	+++++ 9563	+++++ 15347	1022 22561	2294	+++++ 25.0	+++++ 50.0	+++++ 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	2709 151172	6043 281516	11397 451750	31030 614105	61883	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	2379 152093	5259 281918	10411 447997	29524 617535	60695	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 5393	+++++ 9336	+++++ 15184	854 23493	1947	+++++ 25.0	+++++ 50.0	+++++ 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	1335 69486	2662 124554	5379 201424	14934 264163	30181	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	2729 136373	5435 261204	11011 403313	29700 530040	59156	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	455 29576	1032 52677	2137 84877	6204 113298	11984	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Ave	+++++ 5251	+++++ 8986	366 14378	1084 22007	2141	+++++ 25.0	+++++ 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	2004 99840	3784 178884	7773 287272	21677 379589	42573	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	2639 133591	5581 252783	10395 395764	28468 521629	55711	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	2299 122544	4593 236193	9785 368430	26452 481254	52838	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Lin1	1203 81573	3037 148078	5902 238808	17792 312687	36154	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	3832 211524	8201 387512	15729 639873	47446 842635	94892	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	684 47619	1474 85690	3265 139355	10107 185830	21025	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	2394 141119	4862 258283	9976 414869	27232 581912	55430	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Lin1	877 56931	2157 103168	4027 169773	12413 224761	25731	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	602 40693	1432 75789	2695 127098	8605 170530	17827	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	337 24775	903 44334	1666 72457	5270 95756	11074	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	1074 55474	2042 101865	3771 170074	12020 222326	25385	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	+++++ 13205	296 25052	672 42074	2519 59621	5550	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	770	1635	3286	11324	24073	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			54352	100704	169938	225157		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Lin1	+++++	+++++	3981	7534	14275	+++++	+++++	2.00	5.00	10.0
			33478	60406	99079	156951		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	1807	3635	7066	22893	47236	0.500	1.00	2.00	5.00	10.0
			109706	209029	350733	475393		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	537	1130	2069	7642	17116	0.500	1.00	2.00	5.00	10.0
			39060	70441	120287	159165		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	377	688	1439	4964	10520	0.500	1.00	2.00	5.00	10.0
			24363	45761	76439	105541		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	586	1637	3115	10632	21710	0.500	1.00	2.00	5.00	10.0
			49467	96264	156846	209229		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	463	974	2295	7054	15390	0.500	1.00	2.00	5.00	10.0
			35541	67614	113390	154926		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	+++++	+++++	1061	2888	7425	+++++	+++++	2.00	5.00	10.0
			15495	27971	44208	70964		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	414	1029	2304	7057	14965	0.500	1.00	2.00	5.00	10.0
			34107	65238	108312	146319		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Lin2	+++++	708	1361	4886	10284	+++++	1.00	2.00	5.00	10.0
			23783	43654	72364	100341		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	1456	3200	6302	21451	43797	0.500	1.00	2.00	5.00	10.0
			99621	190630	324905	434991		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	825	1985	3774	11448	23994	0.500	1.00	2.00	5.00	10.0
			57524	110044	179498	238201		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	3392	6926	13999	42606	86569	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			197686	384375	637743	852897		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	1234	2782	5517	17056	35733	0.500	1.00	2.00	5.00	10.0
			80483	155784	257521	342541		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	1450	3110	6239	19431	40110	0.500	1.00	2.00	5.00	10.0
			94334	181392	300120	396211		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	1890	4064	7227	23418	47102	0.500	1.00	2.00	5.00	10.0
			104980	197226	325990	431154		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	308	716	1715	5213	10830	0.500	1.00	2.00	5.00	10.0
			24739	46512	74192	101640		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	4618	9725	19443	60544	125400	0.500	1.00	2.00	5.00	10.0
			292984	575374	925679	1224128		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	688	1710	3330	8968	18171	0.500	1.00	2.00	5.00	10.0
			43519	79675	125300	178293		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	+++++	445	1597	3140	+++++	+++++	2.00	5.00	10.0
			6847	11750	17790	24140		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	700	1685	3085	10152	20145	0.500	1.00	2.00	5.00	10.0
			44470	84061	135496	176033		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	372	629	2536	4712	+++++	1.00	2.00	5.00	10.0
			11368	20674	32216	46551		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	5219	10825	20632	62580	125148	0.500	1.00	2.00	5.00	10.0
			282927	530011	852013	1126854		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	3404	7221	13358	41306	81320	0.500	1.00	2.00	5.00	10.0
			185209	346544	563366	735173		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	3811	7815	15992	49616	99346	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			233491	456376	729300	953824		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	2577 127656	5323 236013	9543 374545	30785 485123	59335	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
tert-Butylbenzene	DCBd 4	Lin1	2842 218510	6010 439234	12179 711912	43527 933824	93909	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	4204 218690	8286 417791	15823 670760	47909 875763	94955	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
sec-Butylbenzene	DCBd 4	Ave	4803 316025	10077 620662	20954 997492	65467 1300967	134765	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	1899 103493	4206 189586	8051 297924	24449 378245	47218	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
4-Isopropyltoluene	DCBd 4	Ave	4616 285065	9768 560669	19791 886004	61465 1148053	124550	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	1895 97000	4035 181329	7872 280760	22694 355707	44939	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
n-Butylbenzene	DCBd 4	Ave	5008 250212	10385 479457	20270 740174	57736 938402	113451	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	2119 114846	4599 215892	9021 336648	26007 431629	50754	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 14279	460 26034	1156 39795	2598 58882	5785	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	2600 143814	5896 271547	11293 432047	30831 542931	61672	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexachlorobutadiene	DCBd 4	Ave	1308	3020	6327	20599	40977	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193487-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			93374	186459	292084	372392		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	5762	11921	24114	60582	119503	0.500	1.00	2.00	5.00	10.0
			298148	547829	854249	1164067		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	2534	5528	11143	29879	58117	0.500	1.00	2.00	5.00	10.0
			138542	261949	410295	530001		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	586	1226	2639	8664	17473	0.400	0.800	1.60	4.00	8.00
			40136	68991	119738	153998		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	1963	4013	7657	25905	54683	0.400	0.800	1.60	4.00	8.00
			129096	237200	417077	548338		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	664	1141	2497	8054	16310	0.400	0.800	1.60	4.00	8.00
			36250	63988	107422	140240		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

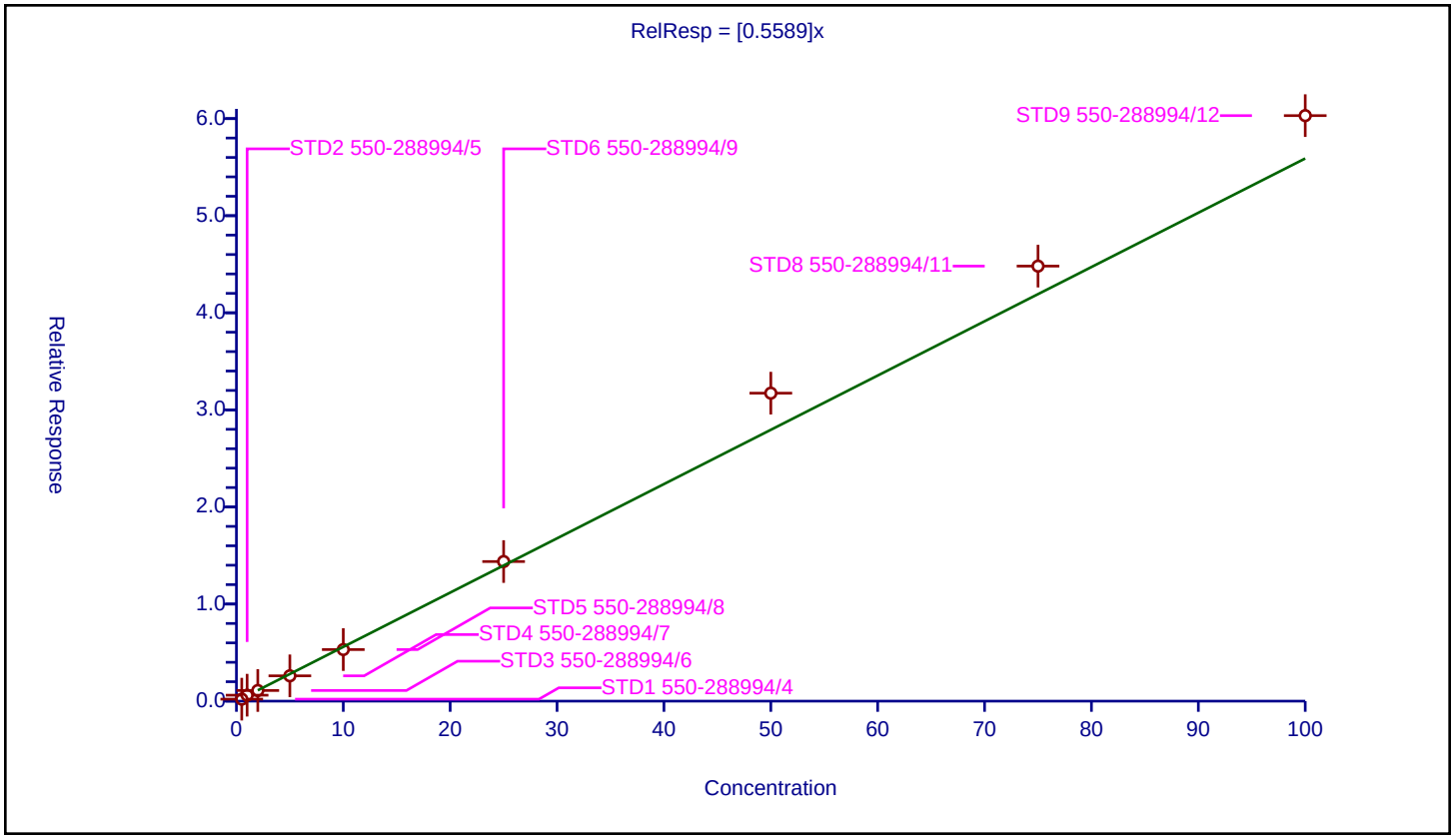
Curve Coefficients

Intercept:	0
Slope:	0.5589

Error Coefficients

Standard Error:	176000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.203772	25.0	128207.0	0.407544	Y
2	STD2 550-288994/5	1.0	0.611909	25.0	139604.0	0.611909	Y
3	STD3 550-288994/6	2.0	1.095681	25.0	132566.0	0.54784	Y
4	STD4 550-288994/7	5.0	2.608127	25.0	161246.0	0.521625	Y
5	STD5 550-288994/8	10.0	5.312967	25.0	163915.0	0.531297	Y
6	STD6 550-288994/9	25.0	14.378389	25.0	152684.0	0.575136	Y
7	ICIS 550-288994/10	50.0	31.720963	25.0	140125.0	0.634419	Y
8	STD8 550-288994/11	75.0	44.806237	25.0	152635.0	0.597416	Y
9	STD9 550-288994/12	100.0	60.30609	25.0	151328.0	0.603061	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

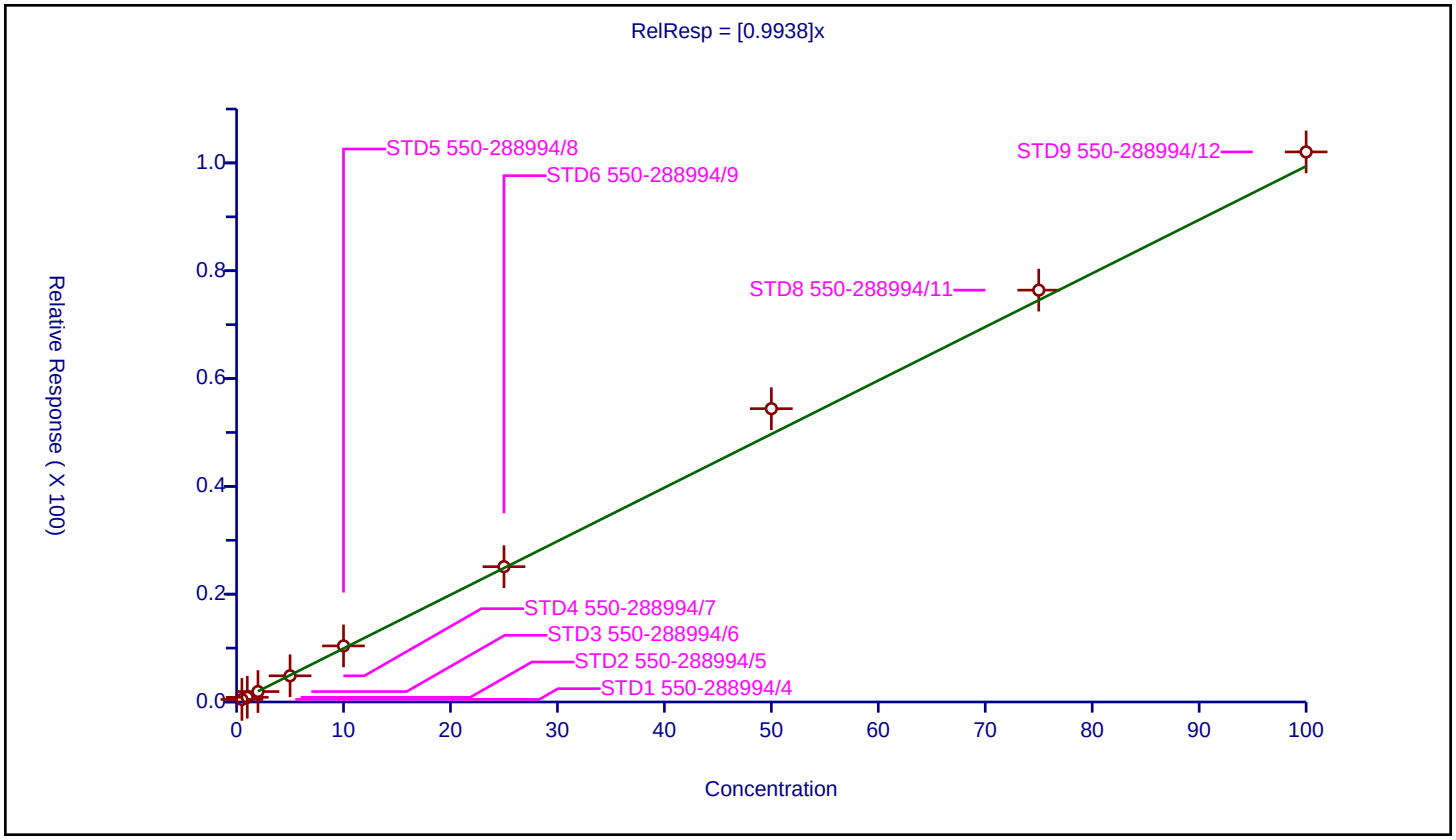
Curve Coefficients

Intercept:	0
Slope:	0.9938

Error Coefficients

Standard Error:	300000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.479108	25.0	128207.0	0.958216	Y
2	STD2 550-288994/5	1.0	0.875512	25.0	139604.0	0.875512	Y
3	STD3 550-288994/6	2.0	1.935451	25.0	132566.0	0.967726	Y
4	STD4 550-288994/7	5.0	4.85671	25.0	161246.0	0.971342	Y
5	STD5 550-288994/8	10.0	10.400207	25.0	163915.0	1.040021	Y
6	STD6 550-288994/9	25.0	25.103482	25.0	152684.0	1.004139	Y
7	ICIS 550-288994/10	50.0	54.414273	25.0	140125.0	1.088285	Y
8	STD8 550-288994/11	75.0	76.403512	25.0	152635.0	1.018713	Y
9	STD9 550-288994/12	100.0	102.042418	25.0	151328.0	1.020424	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

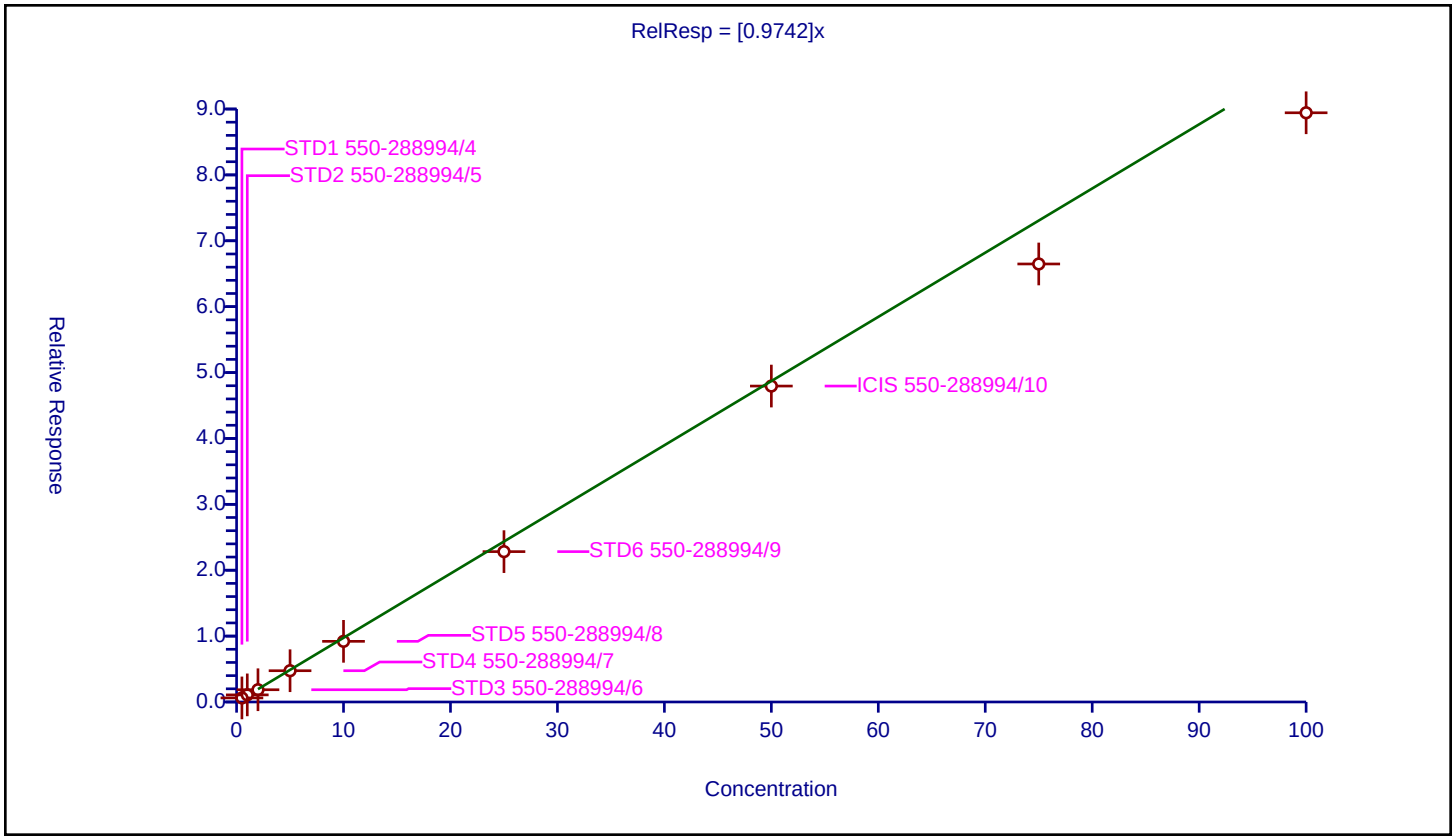
Curve Coefficients

Intercept:	0
Slope:	0.9742

Error Coefficients

Standard Error:	263000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.618141	25.0	128207.0	1.236282	Y
2	STD2 550-288994/5	1.0	1.080019	25.0	139604.0	1.080019	Y
3	STD3 550-288994/6	2.0	1.859263	25.0	132566.0	0.929631	Y
4	STD4 550-288994/7	5.0	4.743684	25.0	161246.0	0.948737	Y
5	STD5 550-288994/8	10.0	9.205228	25.0	163915.0	0.920523	Y
6	STD6 550-288994/9	25.0	22.822627	25.0	152684.0	0.912905	Y
7	ICIS 550-288994/10	50.0	47.951115	25.0	140125.0	0.959022	Y
8	STD8 550-288994/11	75.0	66.481148	25.0	152635.0	0.886415	Y
9	STD9 550-288994/12	100.0	89.427601	25.0	151328.0	0.894276	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

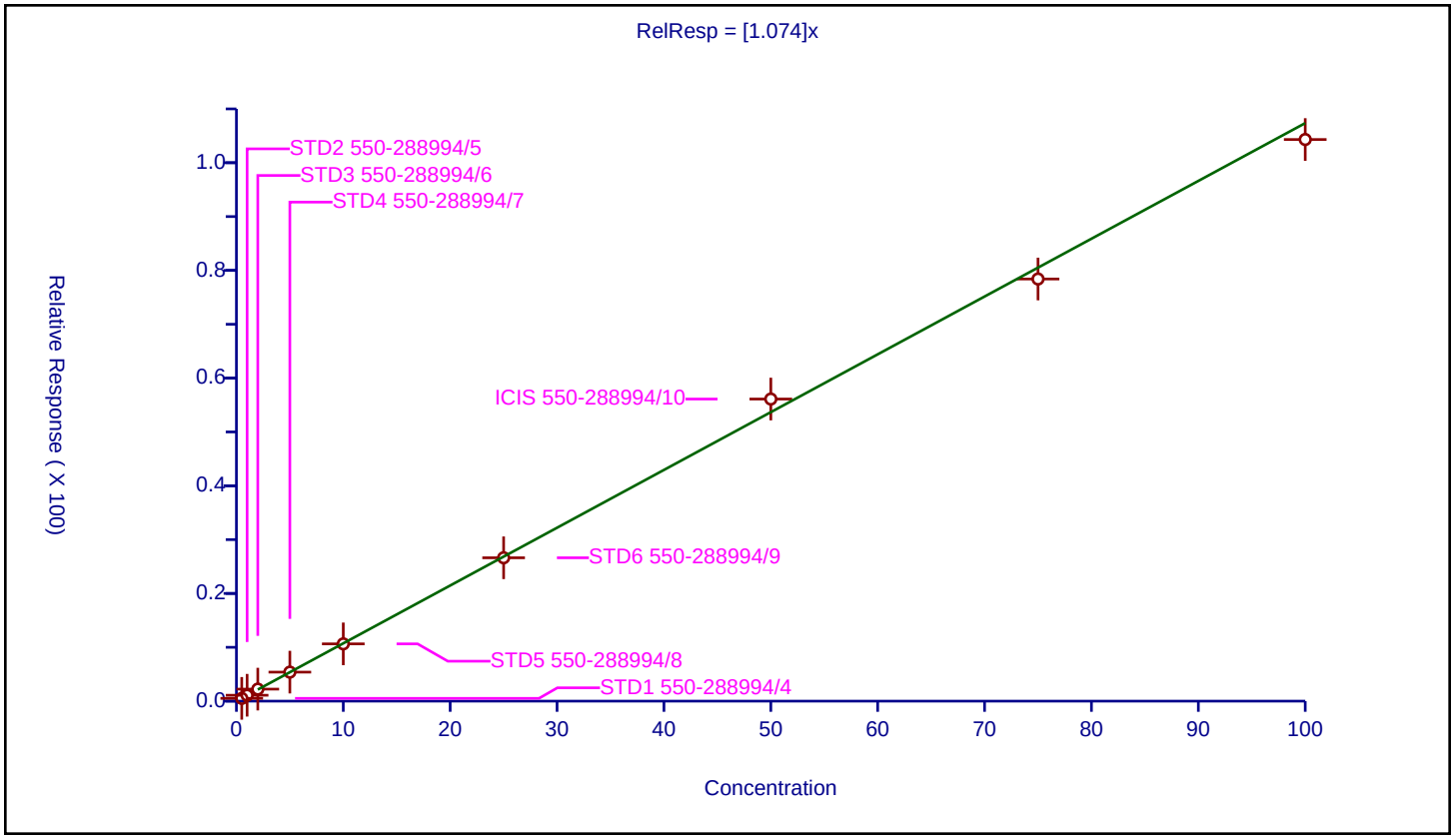
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	308000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.515767	25.0	128207.0	1.031535	Y
2	STD2 550-288994/5	1.0	1.096494	25.0	139604.0	1.096494	Y
3	STD3 550-288994/6	2.0	2.231907	25.0	132566.0	1.115954	Y
4	STD4 550-288994/7	5.0	5.389746	25.0	161246.0	1.077949	Y
5	STD5 550-288994/8	10.0	10.640271	25.0	163915.0	1.064027	Y
6	STD6 550-288994/9	25.0	26.628363	25.0	152684.0	1.065135	Y
7	ICIS 550-288994/10	50.0	56.109367	25.0	140125.0	1.122187	Y
8	STD8 550-288994/11	75.0	78.405019	25.0	152635.0	1.0454	Y
9	STD9 550-288994/12	100.0	104.312652	25.0	151328.0	1.043127	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

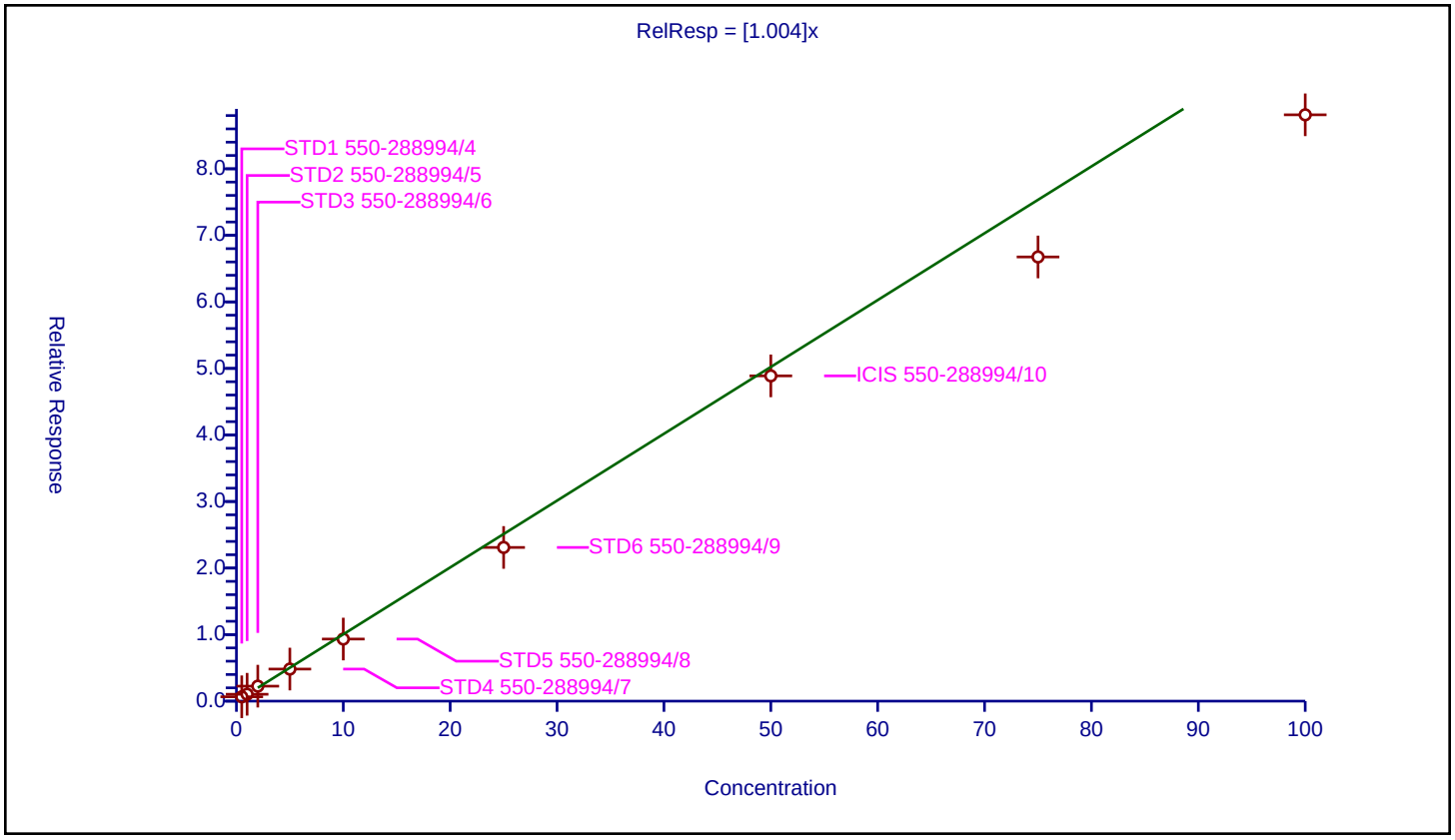
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	262000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.655775	25.0	128207.0	1.311551	Y
2	STD2 550-288994/5	1.0	1.033459	25.0	139604.0	1.033459	Y
3	STD3 550-288994/6	2.0	2.249446	25.0	132566.0	1.124723	Y
4	STD4 550-288994/7	5.0	4.82167	25.0	161246.0	0.964334	Y
5	STD5 550-288994/8	10.0	9.333496	25.0	163915.0	0.93335	Y
6	STD6 550-288994/9	25.0	23.097869	25.0	152684.0	0.923915	Y
7	ICIS 550-288994/10	50.0	48.879215	25.0	140125.0	0.977584	Y
8	STD8 550-288994/11	75.0	66.751073	25.0	152635.0	0.890014	Y
9	STD9 550-288994/12	100.0	88.109933	25.0	151328.0	0.881099	Y



Calibration / Bromomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

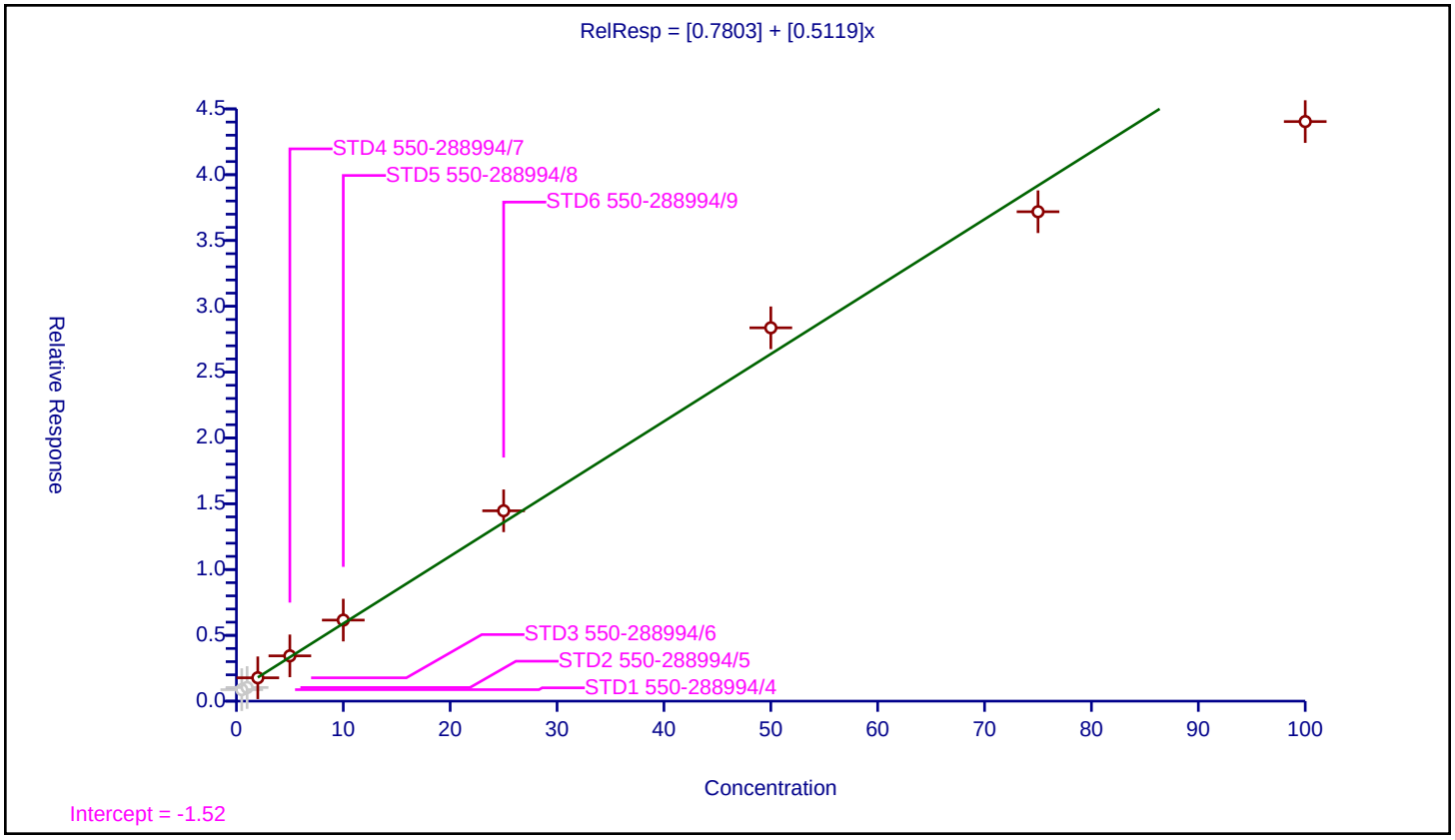
Curve Coefficients

Intercept:	0.7803
Slope:	0.5119

Error Coefficients

Standard Error:	178000
Relative Standard Error:	9.2
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.872807	25.0	128207.0	1.745615	N
2	STD2 550-288994/5	1.0	1.035966	25.0	139604.0	1.035966	N
3	STD3 550-288994/6	2.0	1.773268	25.0	132566.0	0.886634	Y
4	STD4 550-288994/7	5.0	3.441481	25.0	161246.0	0.688296	Y
5	STD5 550-288994/8	10.0	6.156392	25.0	163915.0	0.615639	Y
6	STD6 550-288994/9	25.0	14.462059	25.0	152684.0	0.578482	Y
7	ICIS 550-288994/10	50.0	28.366815	25.0	140125.0	0.567336	Y
8	STD8 550-288994/11	75.0	37.186261	25.0	152635.0	0.495817	Y
9	STD9 550-288994/12	100.0	44.036299	25.0	151328.0	0.440363	Y



Calibration / Chloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

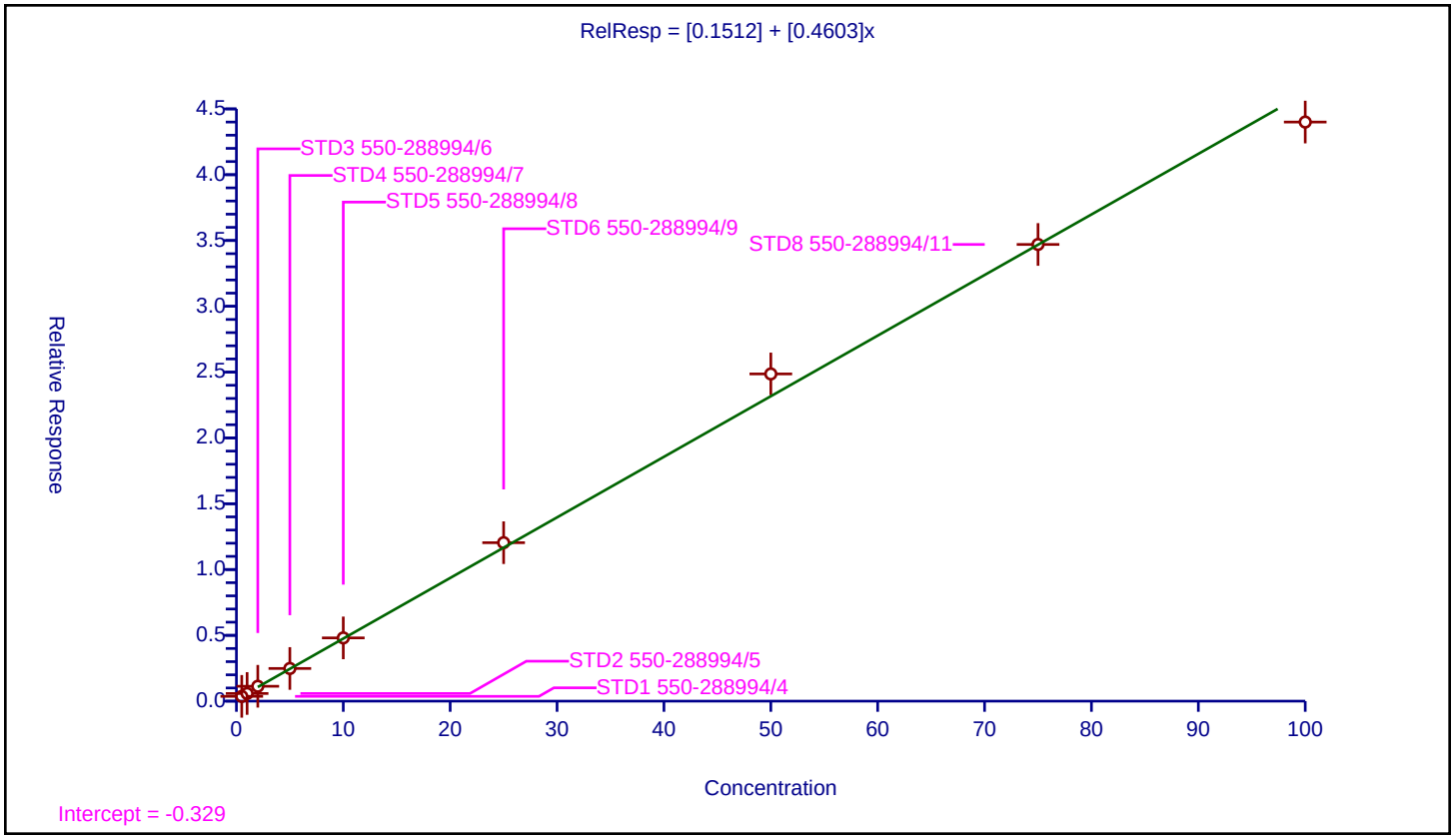
Curve Coefficients

Intercept:	0.1512
Slope:	0.4603

Error Coefficients

Standard Error:	142000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.362305	25.0	128207.0	0.724609	Y
2	STD2 550-288994/5	1.0	0.582003	25.0	139604.0	0.582003	Y
3	STD3 550-288994/6	2.0	1.130946	25.0	132566.0	0.565473	Y
4	STD4 550-288994/7	5.0	2.481457	25.0	161246.0	0.496291	Y
5	STD5 550-288994/8	10.0	4.805234	25.0	163915.0	0.480523	Y
6	STD6 550-288994/9	25.0	12.039244	25.0	152684.0	0.48157	Y
7	ICIS 550-288994/10	50.0	24.861909	25.0	140125.0	0.497238	Y
8	STD8 550-288994/11	75.0	34.699774	25.0	152635.0	0.462664	Y
9	STD9 550-288994/12	100.0	44.001275	25.0	151328.0	0.440013	Y



Calibration / Trichlorofluoromethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

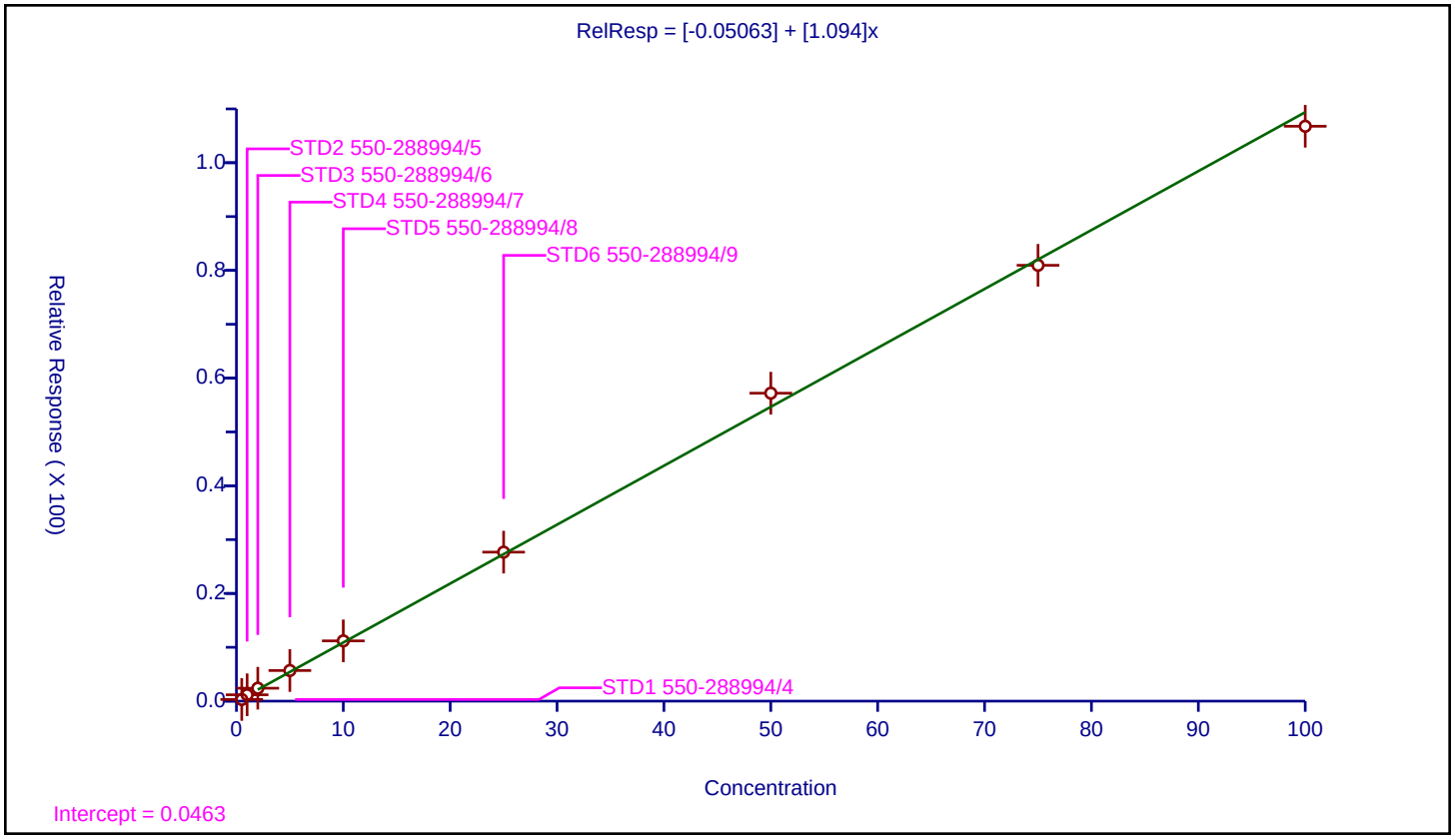
Curve Coefficients

Intercept:	-0.05063
Slope:	1.094

Error Coefficients

Standard Error:	338000
Relative Standard Error:	14.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.308096	25.0	128207.0	0.616191	Y
2	STD2 550-288994/5	1.0	1.181377	25.0	139604.0	1.181377	Y
3	STD3 550-288994/6	2.0	2.399937	25.0	132566.0	1.199968	Y
4	STD4 550-288994/7	5.0	5.686808	25.0	161246.0	1.137362	Y
5	STD5 550-288994/8	10.0	11.193149	25.0	163915.0	1.119315	Y
6	STD6 550-288994/9	25.0	27.673168	25.0	152684.0	1.106927	Y
7	ICIS 550-288994/10	50.0	57.198751	25.0	140125.0	1.143975	Y
8	STD8 550-288994/11	75.0	80.953418	25.0	152635.0	1.079379	Y
9	STD9 550-288994/12	100.0	106.772871	25.0	151328.0	1.067729	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

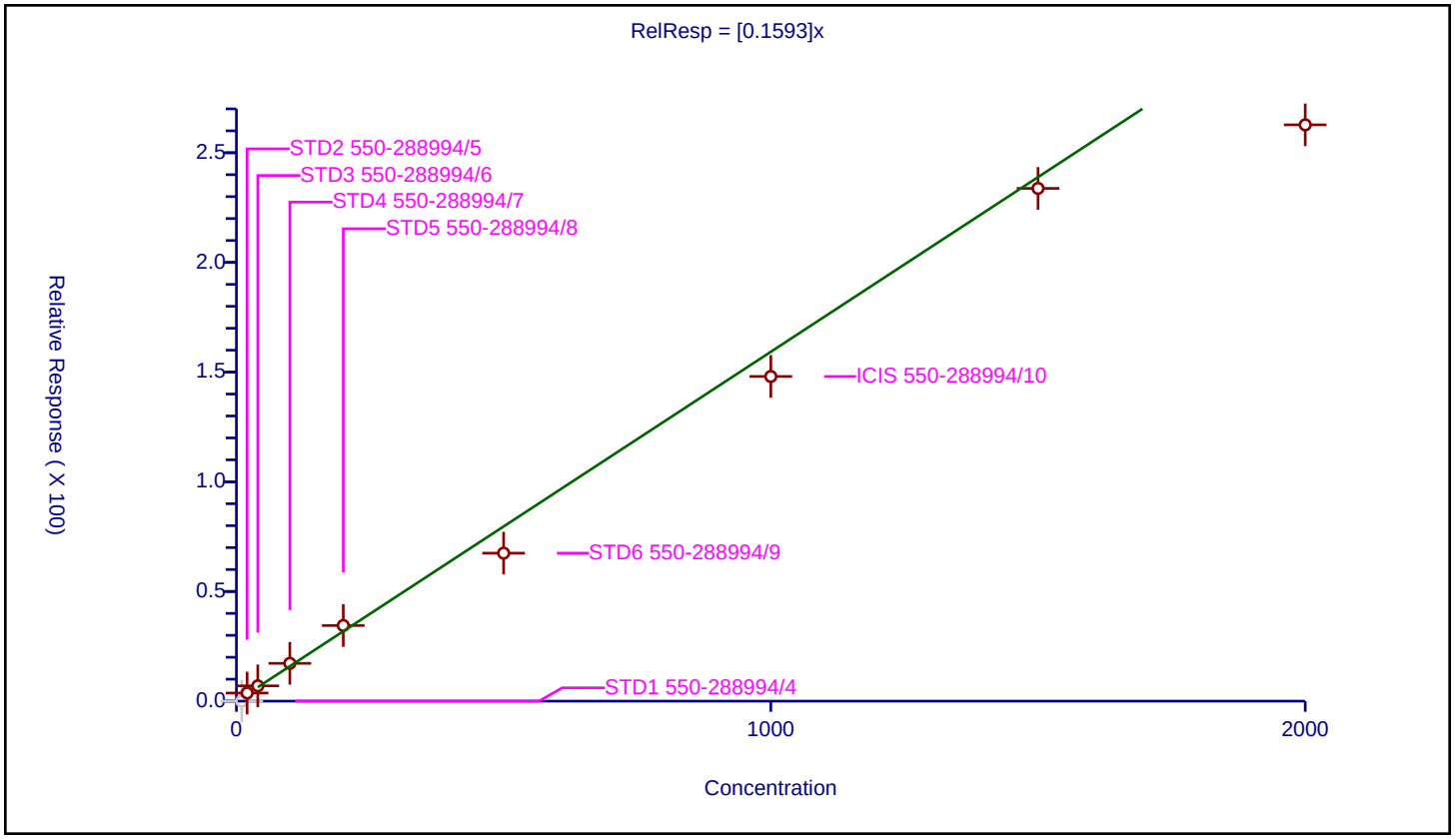
Curve Coefficients

Intercept:	0
Slope:	0.1593

Error Coefficients

Standard Error:	36700
Relative Standard Error:	12.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	10.0	0.0	200.0	46906.0	0.0	N
2	STD2 550-288994/5	20.0	3.699341	200.0	45846.0	0.184967	Y
3	STD3 550-288994/6	40.0	6.971297	200.0	50378.0	0.174282	Y
4	STD4 550-288994/7	100.0	17.224165	200.0	45471.0	0.172242	Y
5	STD5 550-288994/8	200.0	34.478886	200.0	44520.0	0.172394	Y
6	STD6 550-288994/9	500.0	67.471232	200.0	49882.0	0.134942	Y
7	ICIS 550-288994/10	1000.0	148.018554	200.0	44412.0	0.148019	Y
8	STD8 550-288994/11	1500.0	233.759465	200.0	44900.0	0.15584	Y
9	STD9 550-288994/12	2000.0	262.722981	200.0	55498.0	0.131361	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

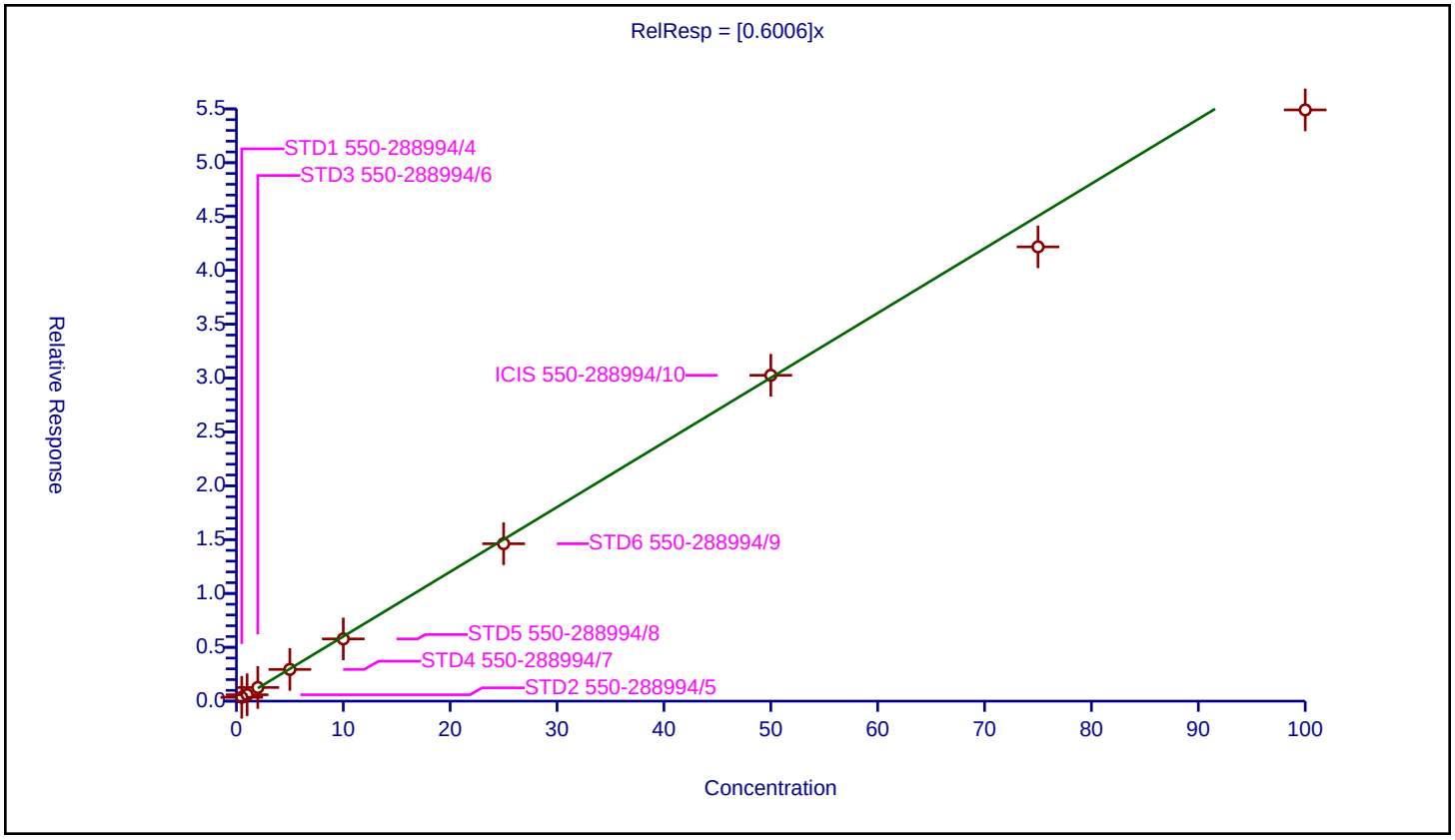
Curve Coefficients

Intercept:	0
Slope:	0.6006

Error Coefficients

Standard Error:	164000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.354505	25.0	128207.0	0.70901	Y
2	STD2 550-288994/5	1.0	0.594539	25.0	139604.0	0.594539	Y
3	STD3 550-288994/6	2.0	1.26767	25.0	132566.0	0.633835	Y
4	STD4 550-288994/7	5.0	2.943949	25.0	161246.0	0.58879	Y
5	STD5 550-288994/8	10.0	5.779977	25.0	163915.0	0.577998	Y
6	STD6 550-288994/9	25.0	14.616954	25.0	152684.0	0.584678	Y
7	ICIS 550-288994/10	50.0	30.261909	25.0	140125.0	0.605238	Y
8	STD8 550-288994/11	75.0	42.188882	25.0	152635.0	0.562518	Y
9	STD9 550-288994/12	100.0	54.906561	25.0	151328.0	0.549066	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

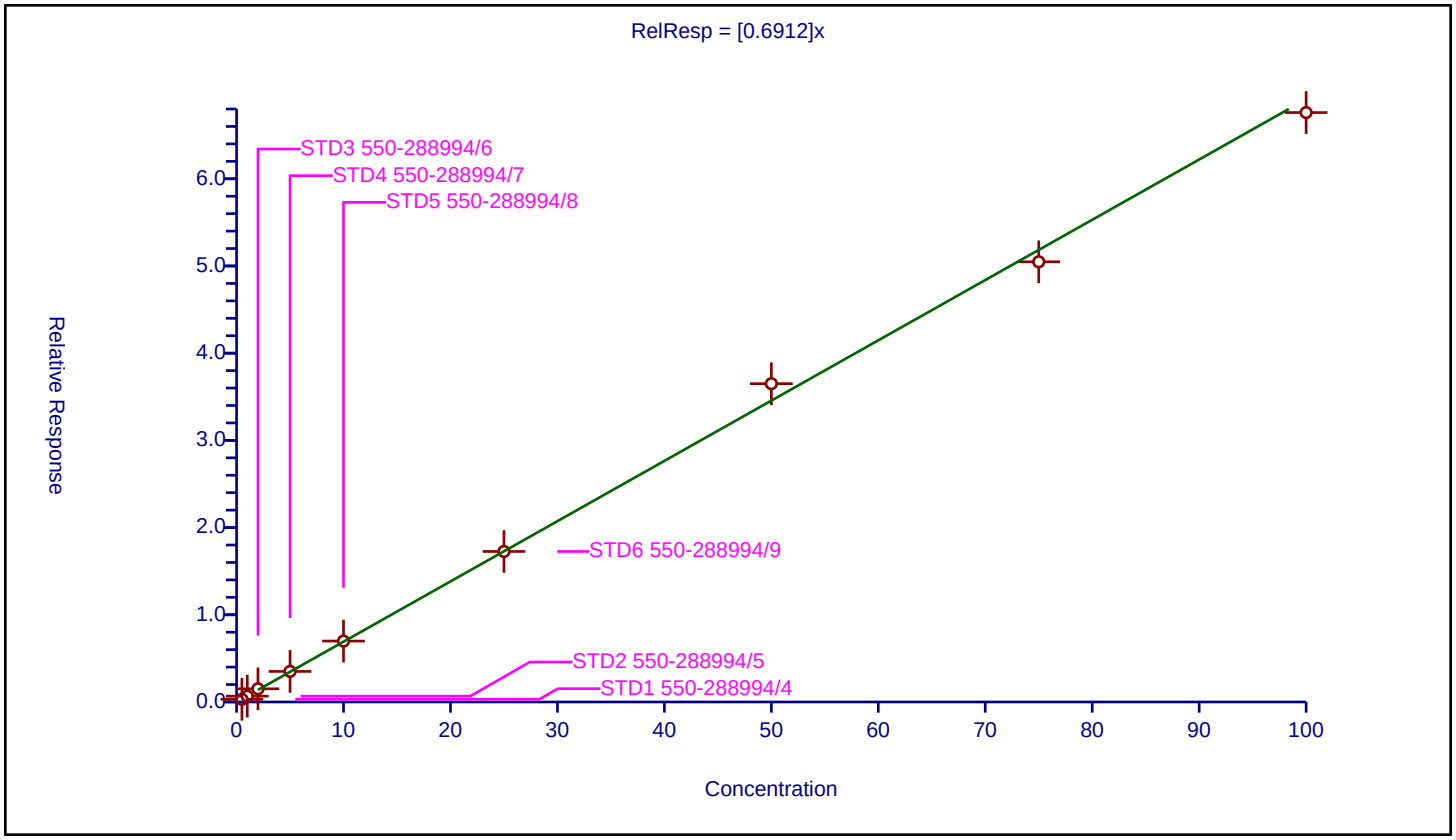
Curve Coefficients

Intercept:	0
Slope:	0.6912

Error Coefficients

Standard Error:	199000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.31219	25.0	128207.0	0.624381	Y
2	STD2 550-288994/5	1.0	0.671721	25.0	139604.0	0.671721	Y
3	STD3 550-288994/6	2.0	1.510757	25.0	132566.0	0.755378	Y
4	STD4 550-288994/7	5.0	3.506133	25.0	161246.0	0.701227	Y
5	STD5 550-288994/8	10.0	6.9867	25.0	163915.0	0.69867	Y
6	STD6 550-288994/9	25.0	17.260649	25.0	152684.0	0.690426	Y
7	ICIS 550-288994/10	50.0	36.503122	25.0	140125.0	0.730062	Y
8	STD8 550-288994/11	75.0	50.479248	25.0	152635.0	0.673057	Y
9	STD9 550-288994/12	100.0	67.593406	25.0	151328.0	0.675934	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

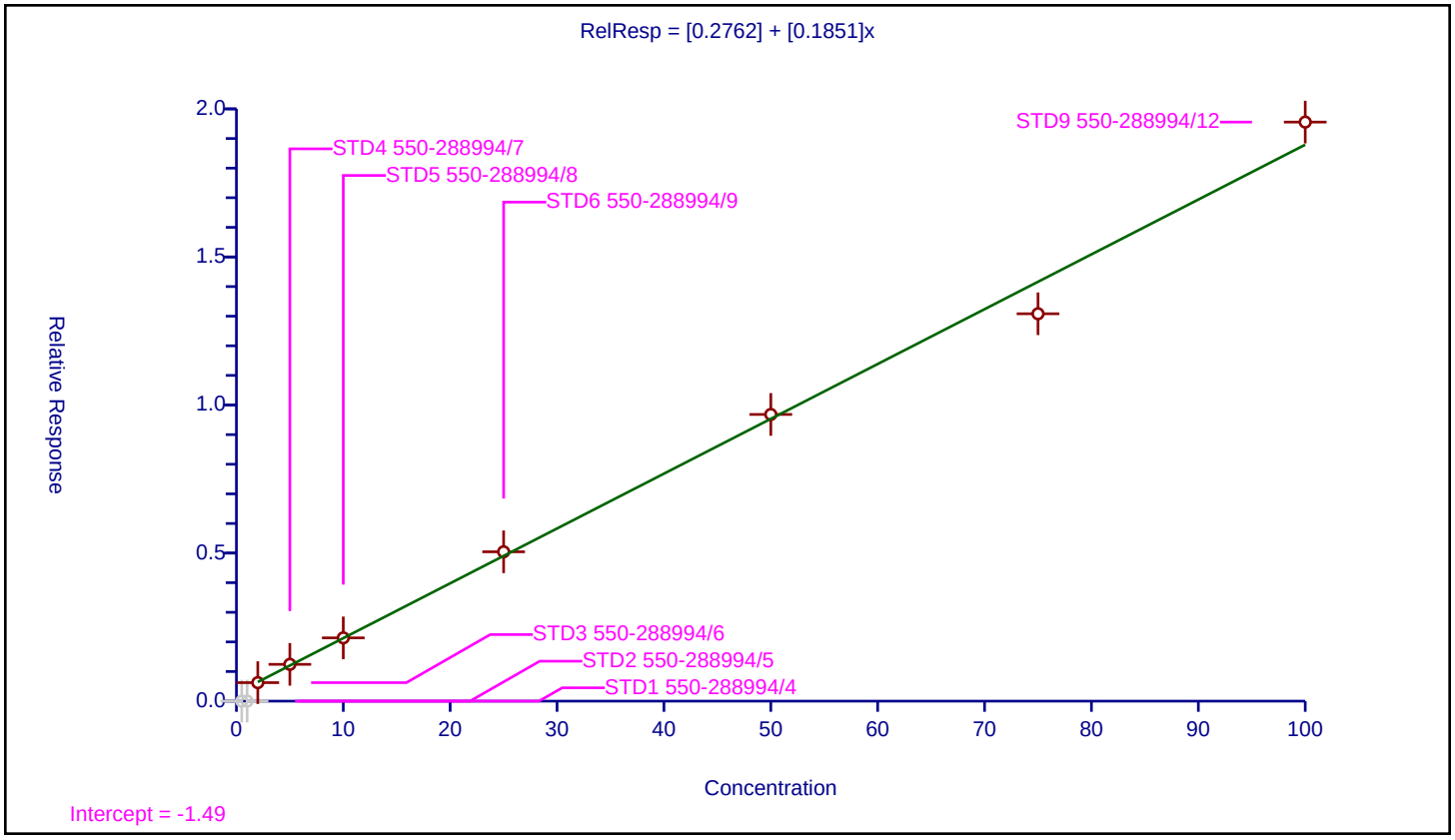
Curve Coefficients

Intercept:	0.2762
Slope:	0.1851

Error Coefficients

Standard Error:	43800
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.624972	25.0	66323.0	0.312486	Y
4	STD4 550-288994/7	5.0	1.242268	25.0	87944.0	0.248454	Y
5	STD5 550-288994/8	10.0	2.136446	25.0	93473.0	0.213645	Y
6	STD6 550-288994/9	25.0	5.043155	25.0	88402.0	0.201726	Y
7	ICIS 550-288994/10	50.0	9.682067	25.0	85710.0	0.193641	Y
8	STD8 550-288994/11	75.0	13.081252	25.0	95591.0	0.174417	Y
9	STD9 550-288994/12	100.0	19.554647	25.0	95632.0	0.195546	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

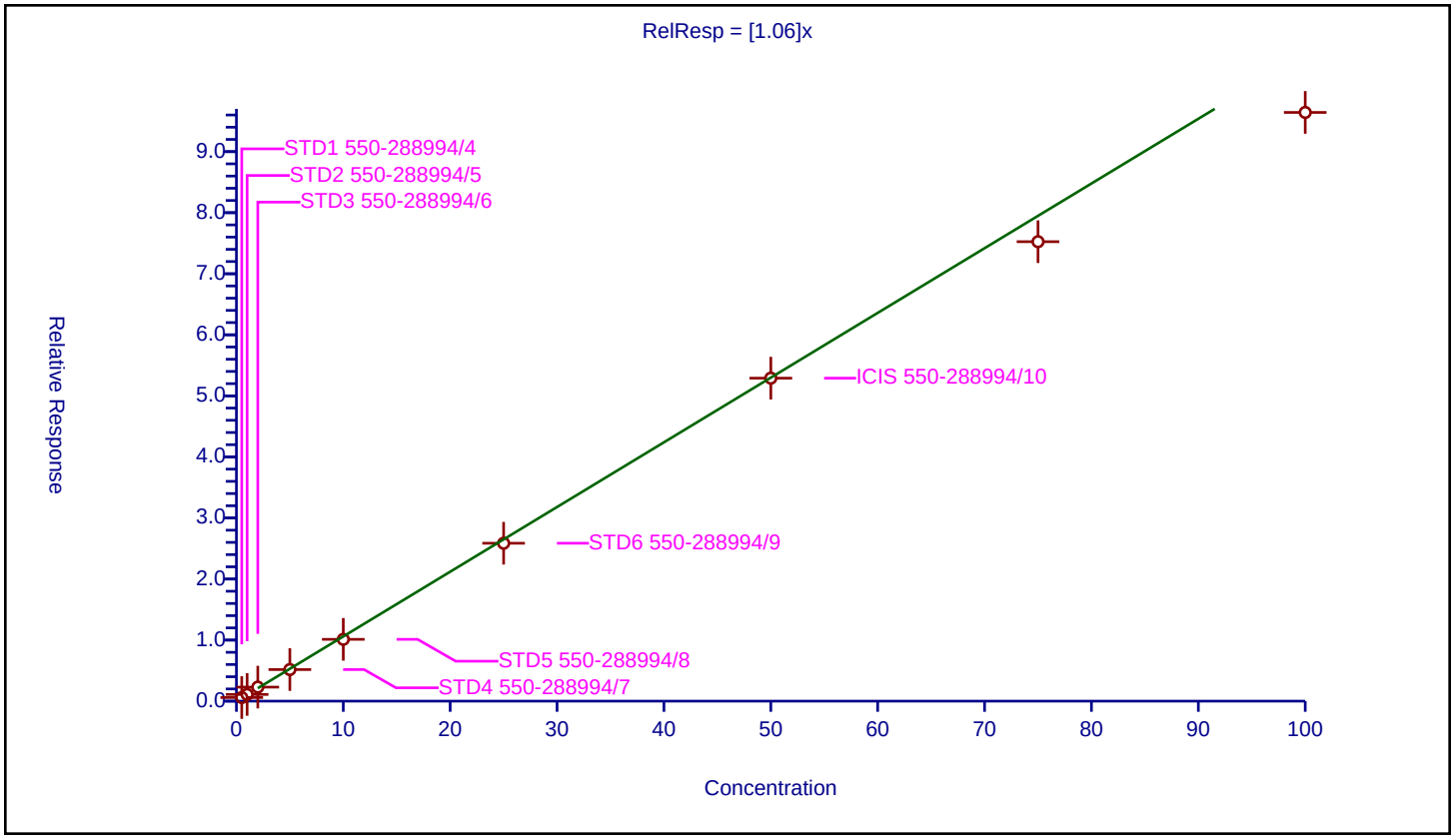
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Standard Error:	289000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.592596	25.0	128207.0	1.185193	Y
2	STD2 550-288994/5	1.0	1.097927	25.0	139604.0	1.097927	Y
3	STD3 550-288994/6	2.0	2.296403	25.0	132566.0	1.148202	Y
4	STD4 550-288994/7	5.0	5.171136	25.0	161246.0	1.034227	Y
5	STD5 550-288994/8	10.0	10.120337	25.0	163915.0	1.012034	Y
6	STD6 550-288994/9	25.0	25.86142	25.0	152684.0	1.034457	Y
7	ICIS 550-288994/10	50.0	52.899376	25.0	140125.0	1.057988	Y
8	STD8 550-288994/11	75.0	75.250762	25.0	152635.0	1.003343	Y
9	STD9 550-288994/12	100.0	96.418211	25.0	151328.0	0.964182	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

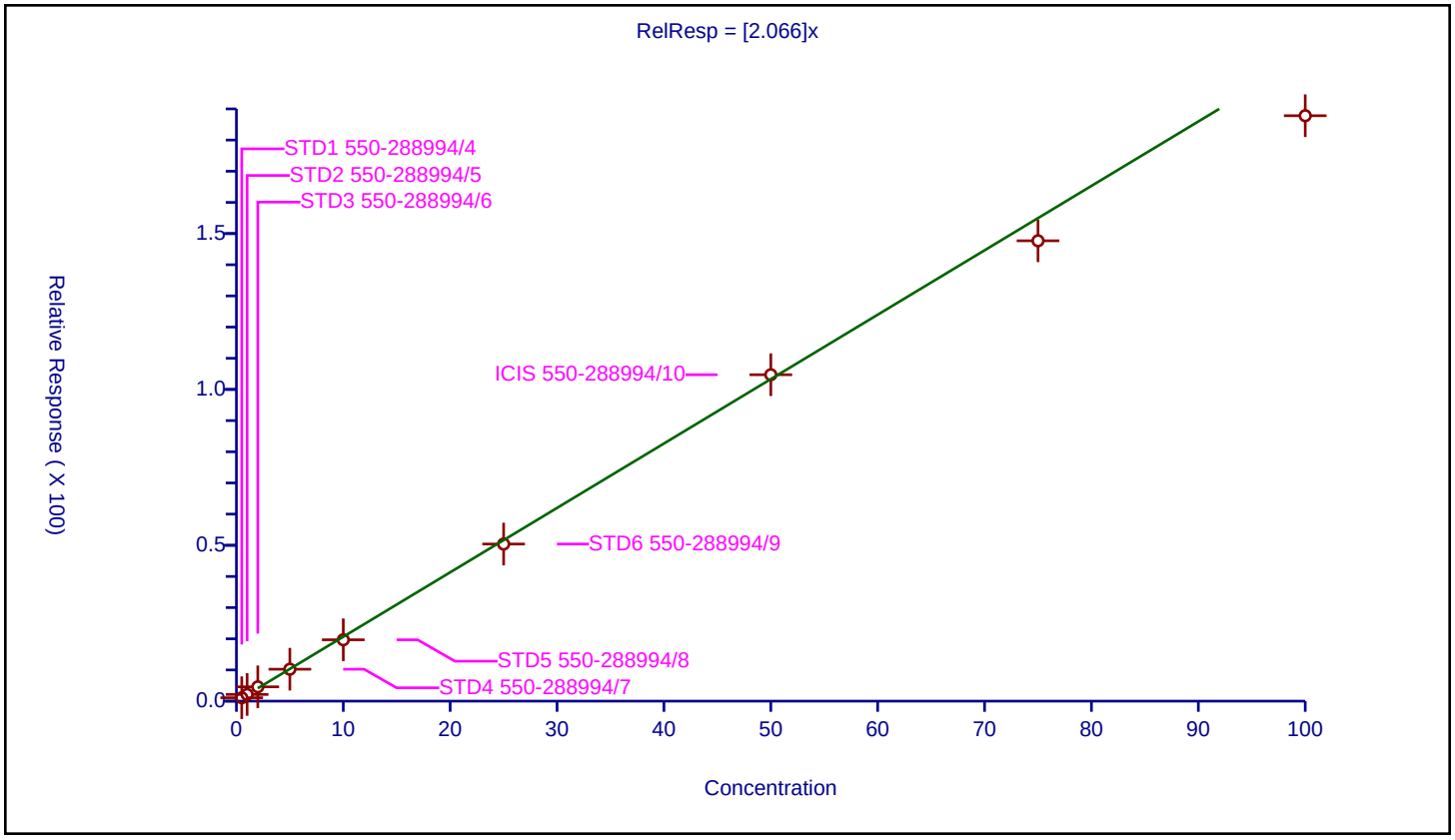
Curve Coefficients

Intercept:	0
Slope:	2.066

Error Coefficients

Standard Error:	566000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.091594	25.0	128207.0	2.183188	Y
2	STD2 550-288994/5	1.0	2.1441	25.0	139604.0	2.1441	Y
3	STD3 550-288994/6	2.0	4.587526	25.0	132566.0	2.293763	Y
4	STD4 550-288994/7	5.0	10.241649	25.0	161246.0	2.04833	Y
5	STD5 550-288994/8	10.0	19.685965	25.0	163915.0	1.968597	Y
6	STD6 550-288994/9	25.0	50.399354	25.0	152684.0	2.015974	Y
7	ICIS 550-288994/10	50.0	104.71686	25.0	140125.0	2.094337	Y
8	STD8 550-288994/11	75.0	147.688931	25.0	152635.0	1.969186	Y
9	STD9 550-288994/12	100.0	187.811244	25.0	151328.0	1.878112	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

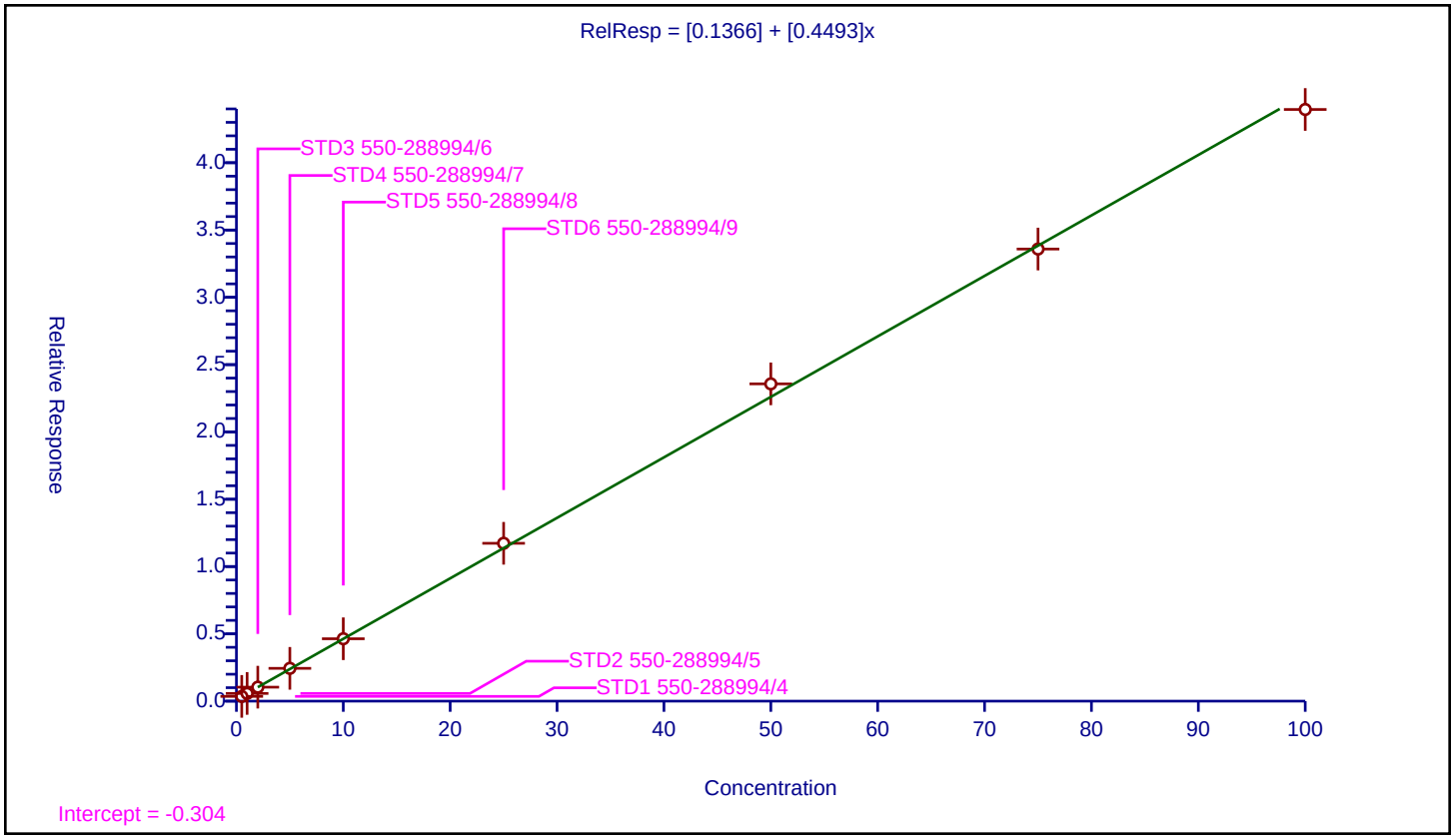
Curve Coefficients

Intercept:	0.1366
Slope:	0.4493

Error Coefficients

Standard Error:	140000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.35236	25.0	128207.0	0.70472	Y
2	STD2 550-288994/5	1.0	0.571975	25.0	139604.0	0.571975	Y
3	STD3 550-288994/6	2.0	1.037408	25.0	132566.0	0.518704	Y
4	STD4 550-288994/7	5.0	2.43758	25.0	161246.0	0.487516	Y
5	STD5 550-288994/8	10.0	4.635939	25.0	163915.0	0.463594	Y
6	STD6 550-288994/9	25.0	11.727653	25.0	152684.0	0.469106	Y
7	ICIS 550-288994/10	50.0	23.571097	25.0	140125.0	0.471422	Y
8	STD8 550-288994/11	75.0	33.587644	25.0	152635.0	0.447835	Y
9	STD9 550-288994/12	100.0	43.956835	25.0	151328.0	0.439568	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

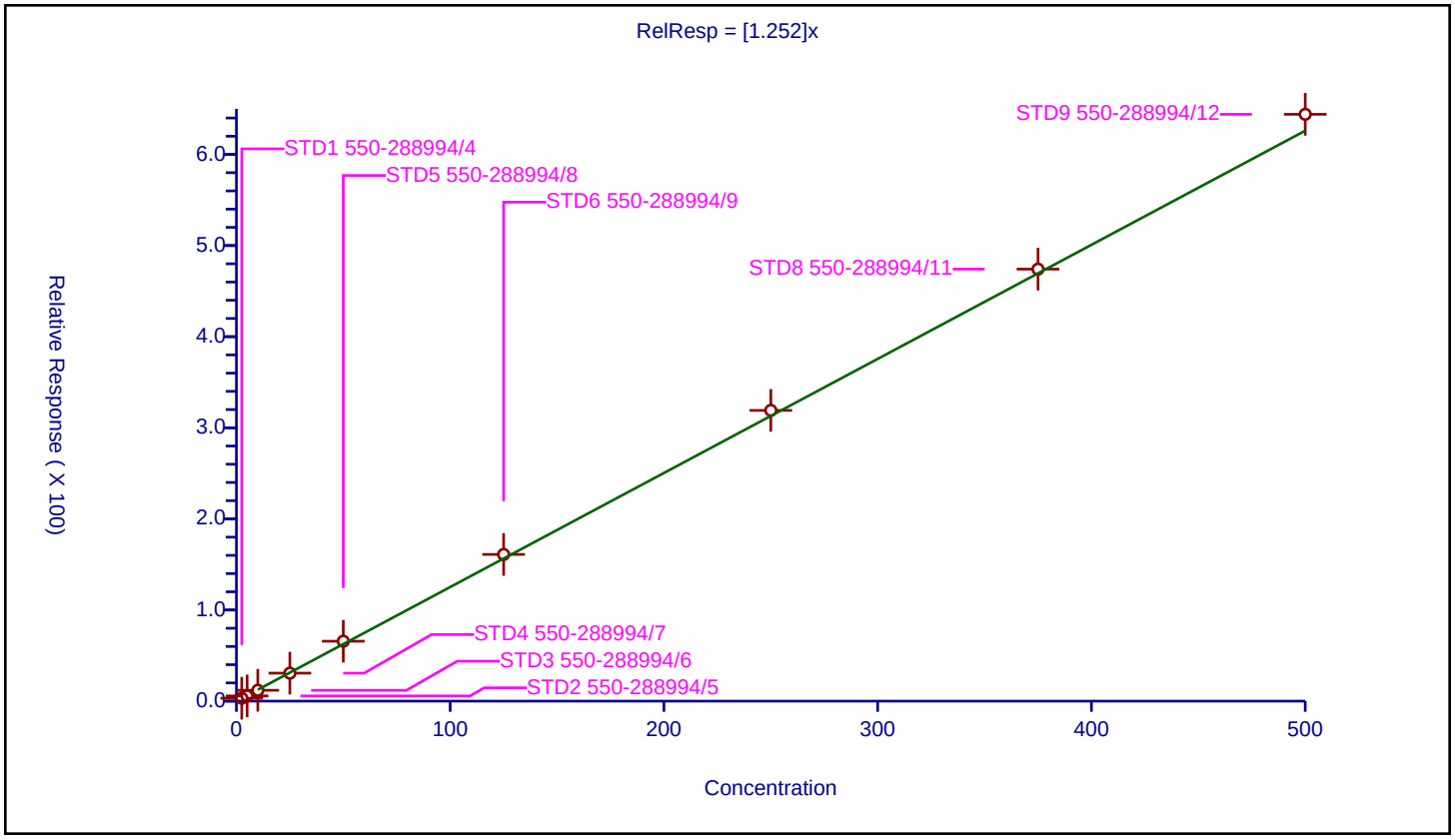
Curve Coefficients

Intercept:	0
Slope:	1.252

Error Coefficients

Standard Error:	78900
Relative Standard Error:	4.4
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	2.5	3.189357	200.0	46906.0	1.275743	Y
2	STD2 550-288994/5	5.0	5.706059	200.0	45846.0	1.141212	Y
3	STD3 550-288994/6	10.0	11.909961	200.0	50378.0	1.190996	Y
4	STD4 550-288994/7	25.0	30.709683	200.0	45471.0	1.228387	Y
5	STD5 550-288994/8	50.0	65.754717	200.0	44520.0	1.315094	Y
6	STD6 550-288994/9	125.0	161.024017	200.0	49882.0	1.288192	Y
7	ICIS 550-288994/10	250.0	319.111952	200.0	44412.0	1.276448	Y
8	STD8 550-288994/11	375.0	474.13363	200.0	44900.0	1.264356	Y
9	STD9 550-288994/12	500.0	644.062849	200.0	55498.0	1.288126	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

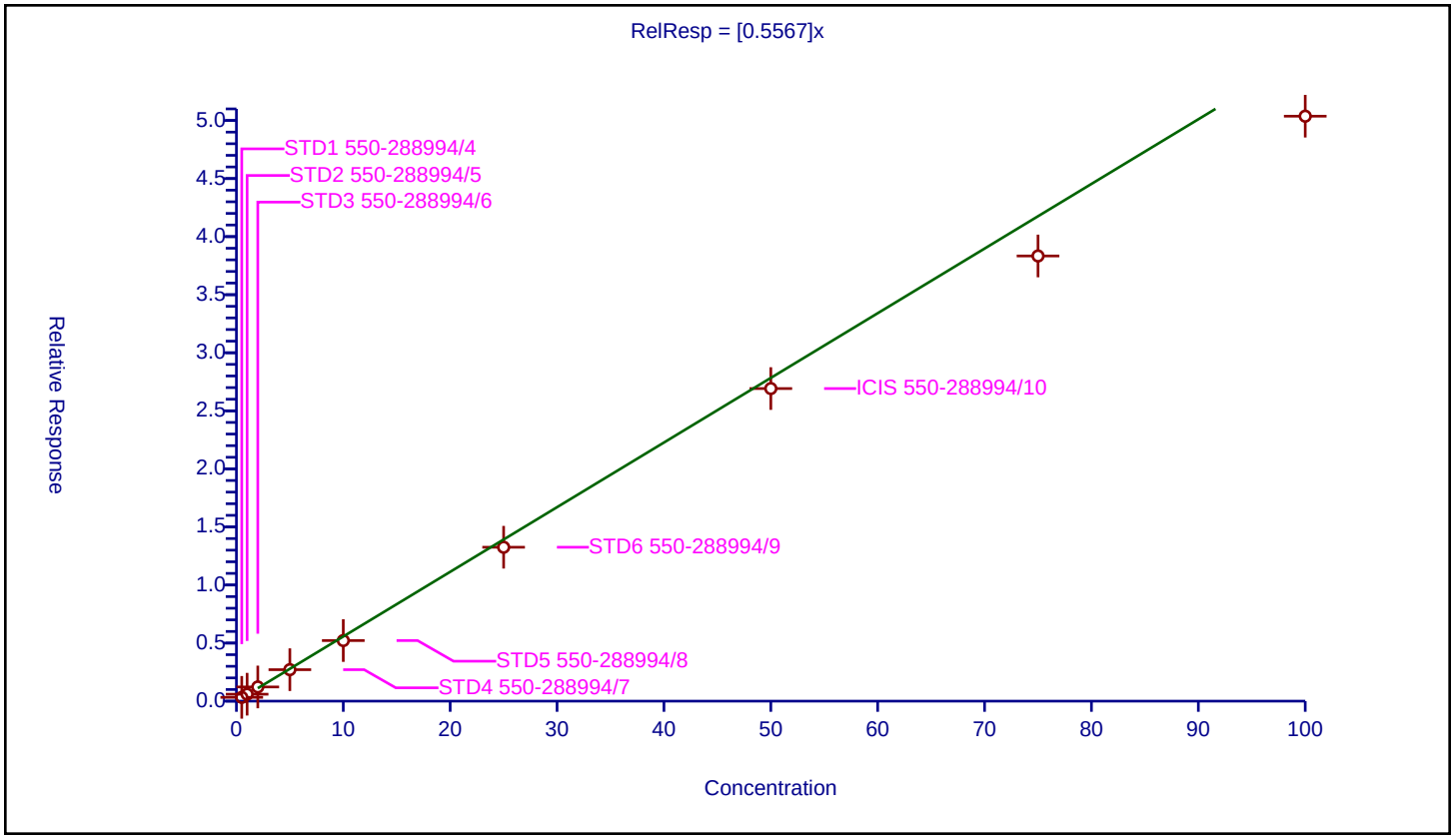
Curve Coefficients

Intercept:	0
Slope:	0.5567

Error Coefficients

Standard Error:	149000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.327205	25.0	128207.0	0.65441	Y
2	STD2 550-288994/5	1.0	0.598299	25.0	139604.0	0.598299	Y
3	STD3 550-288994/6	2.0	1.221844	25.0	132566.0	0.610922	Y
4	STD4 550-288994/7	5.0	2.7103	25.0	161246.0	0.54206	Y
5	STD5 550-288994/8	10.0	5.215661	25.0	163915.0	0.521566	Y
6	STD6 550-288994/9	25.0	13.252862	25.0	152684.0	0.530114	Y
7	ICIS 550-288994/10	50.0	26.917395	25.0	140125.0	0.538348	Y
8	STD8 550-288994/11	75.0	38.33508	25.0	152635.0	0.511134	Y
9	STD9 550-288994/12	100.0	50.370883	25.0	151328.0	0.503709	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

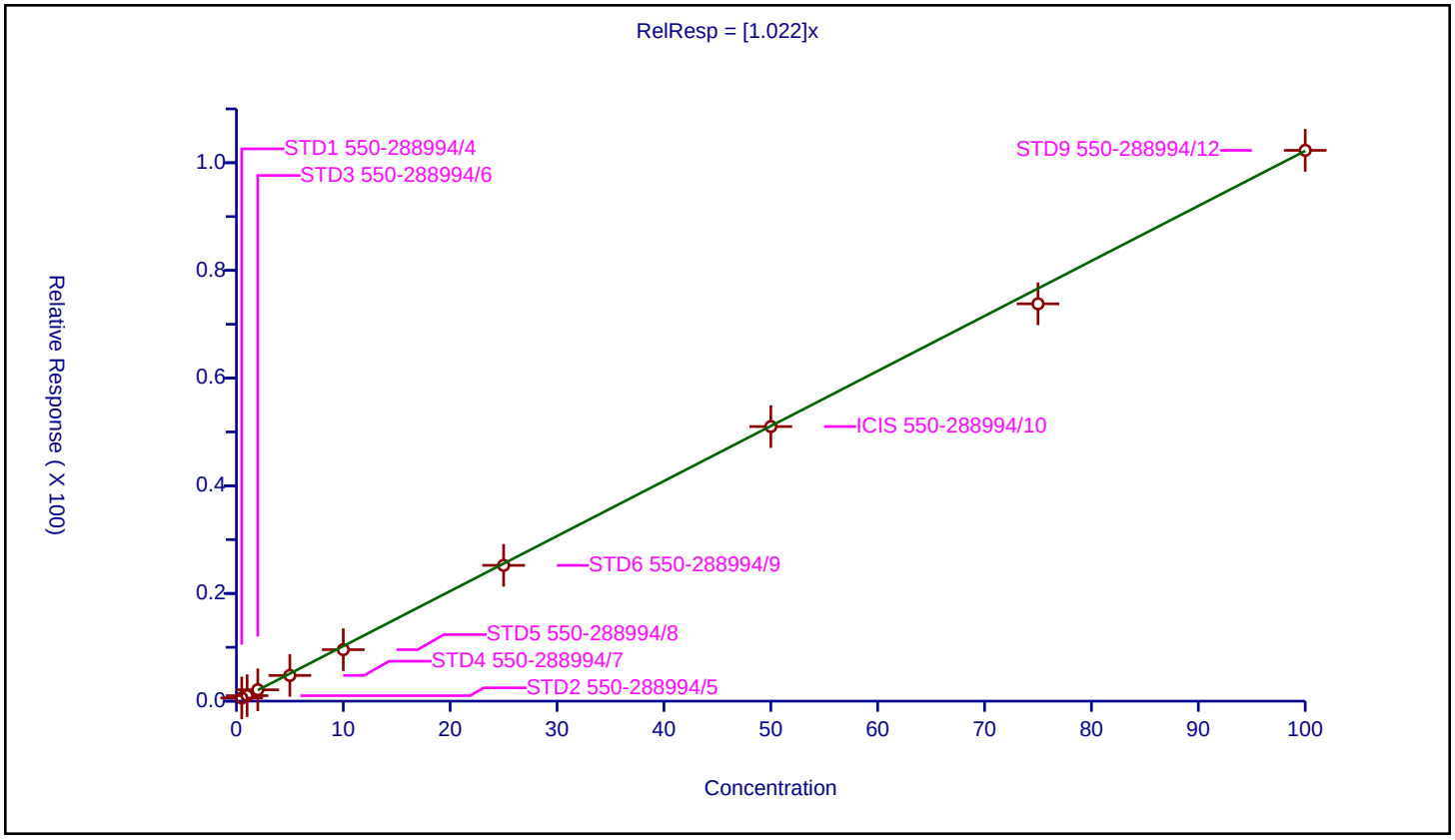
Curve Coefficients

Intercept:	0
Slope:	1.022

Error Coefficients

Standard Error:	295000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.589866	25.0	128207.0	1.179733	Y
2	STD2 550-288994/5	1.0	1.016088	25.0	139604.0	1.016088	Y
3	STD3 550-288994/6	2.0	2.112155	25.0	132566.0	1.056078	Y
4	STD4 550-288994/7	5.0	4.769731	25.0	161246.0	0.953946	Y
5	STD5 550-288994/8	10.0	9.55846	25.0	163915.0	0.955846	Y
6	STD6 550-288994/9	25.0	25.223501	25.0	152684.0	1.00894	Y
7	ICIS 550-288994/10	50.0	50.997859	25.0	140125.0	1.019957	Y
8	STD8 550-288994/11	75.0	73.795493	25.0	152635.0	0.98394	Y
9	STD9 550-288994/12	100.0	102.303605	25.0	151328.0	1.023036	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

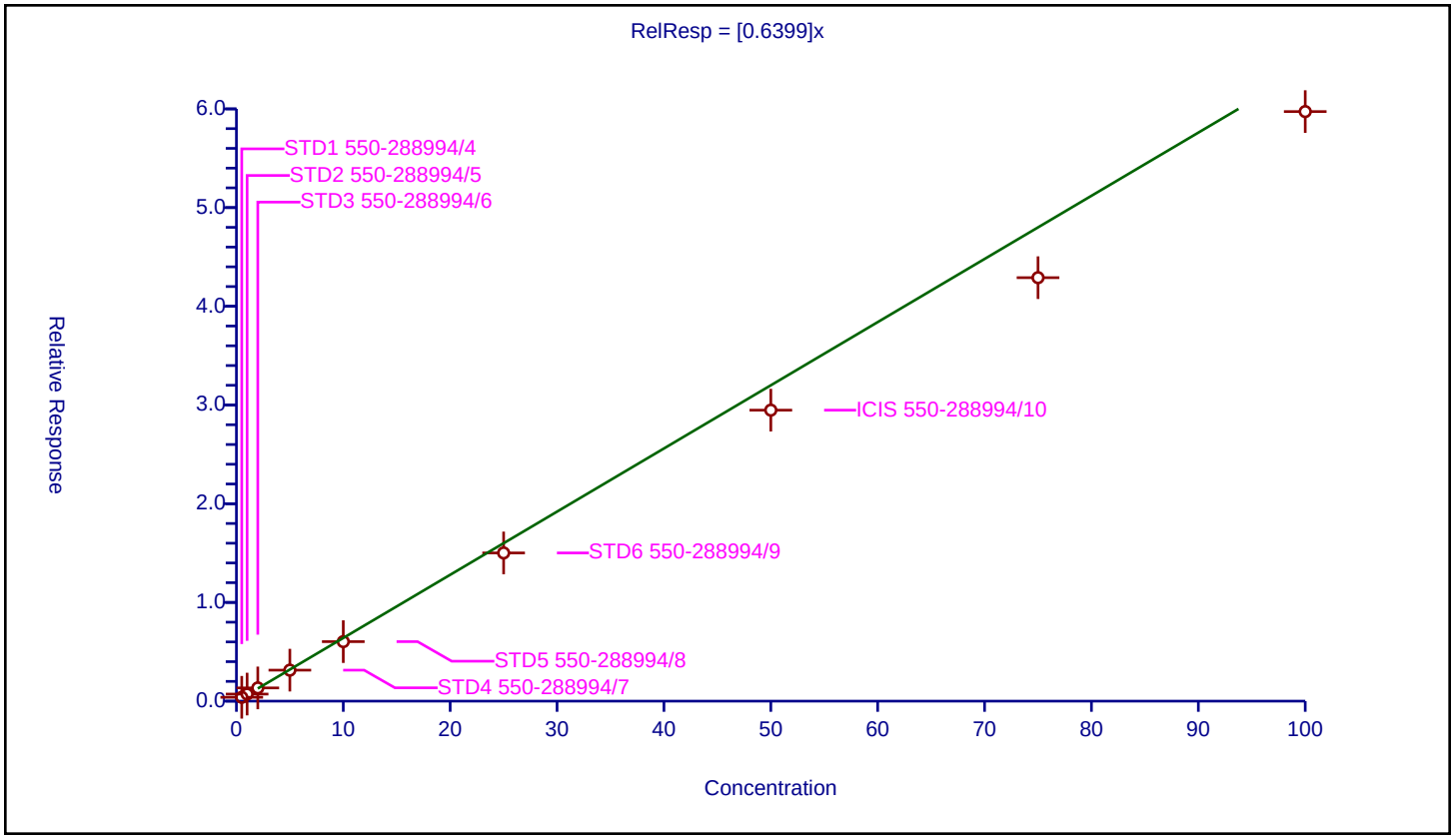
Curve Coefficients

Intercept:	0
Slope:	0.6399

Error Coefficients

Standard Error:	172000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.390969	25.0	128207.0	0.781939	Y
2	STD2 550-288994/5	1.0	0.717565	25.0	139604.0	0.717565	Y
3	STD3 550-288994/6	2.0	1.340087	25.0	132566.0	0.670044	Y
4	STD4 550-288994/7	5.0	3.138372	25.0	161246.0	0.627674	Y
5	STD5 550-288994/8	10.0	6.028429	25.0	163915.0	0.602843	Y
6	STD6 550-288994/9	25.0	15.013525	25.0	152684.0	0.600541	Y
7	ICIS 550-288994/10	50.0	29.480464	25.0	140125.0	0.589609	Y
8	STD8 550-288994/11	75.0	42.899728	25.0	152635.0	0.571996	Y
9	STD9 550-288994/12	100.0	59.728702	25.0	151328.0	0.597287	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

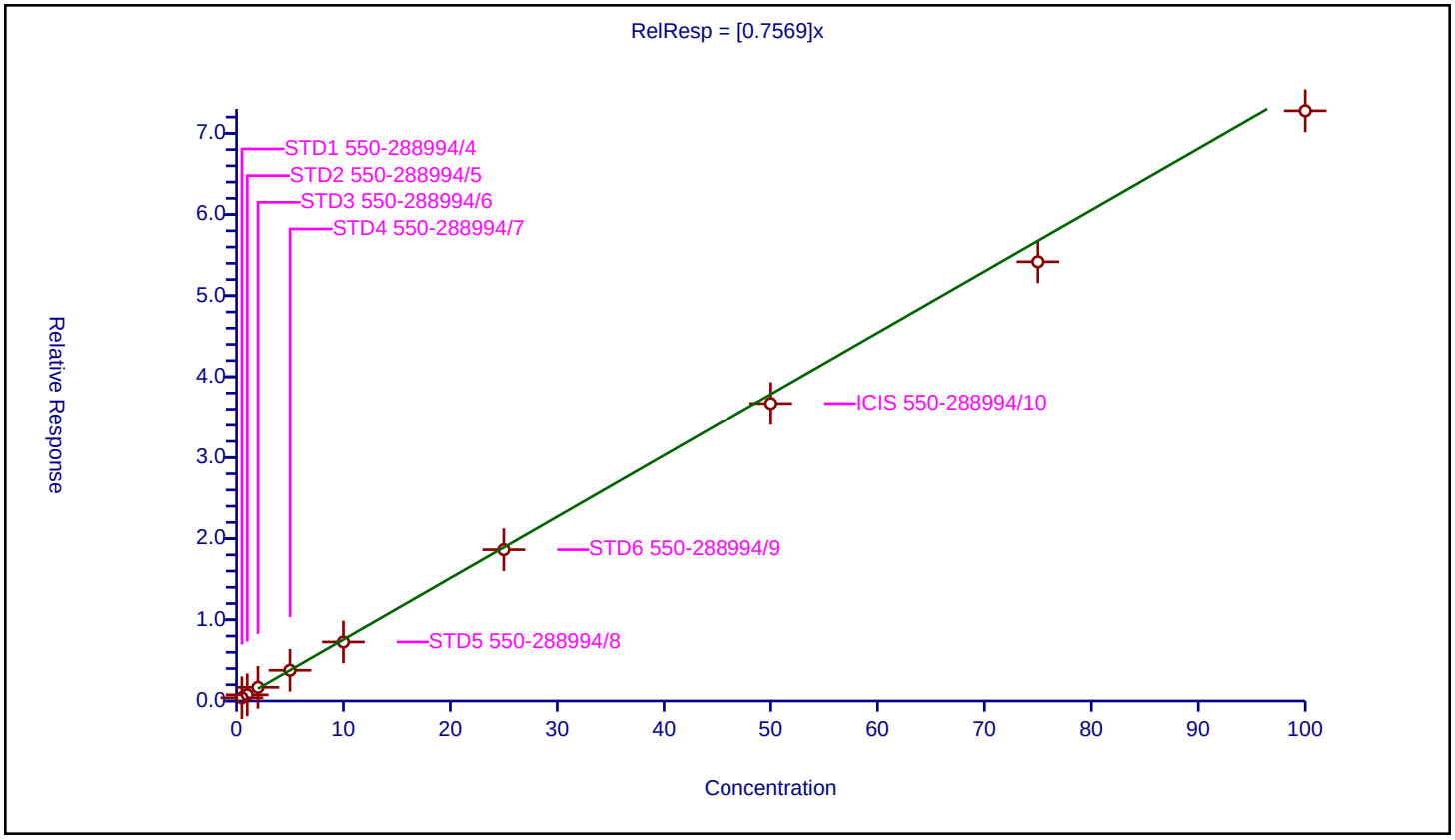
Curve Coefficients

Intercept:	0
Slope:	0.7569

Error Coefficients

Standard Error:	213000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.398769	25.0	128207.0	0.797538	Y
2	STD2 550-288994/5	1.0	0.759291	25.0	139604.0	0.759291	Y
3	STD3 550-288994/6	2.0	1.684067	25.0	132566.0	0.842033	Y
4	STD4 550-288994/7	5.0	3.7849	25.0	161246.0	0.75698	Y
5	STD5 550-288994/8	10.0	7.270079	25.0	163915.0	0.727008	Y
6	STD6 550-288994/9	25.0	18.638168	25.0	152684.0	0.745527	Y
7	ICIS 550-288994/10	50.0	36.697948	25.0	140125.0	0.733959	Y
8	STD8 550-288994/11	75.0	54.181708	25.0	152635.0	0.722423	Y
9	STD9 550-288994/12	100.0	72.768093	25.0	151328.0	0.727681	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

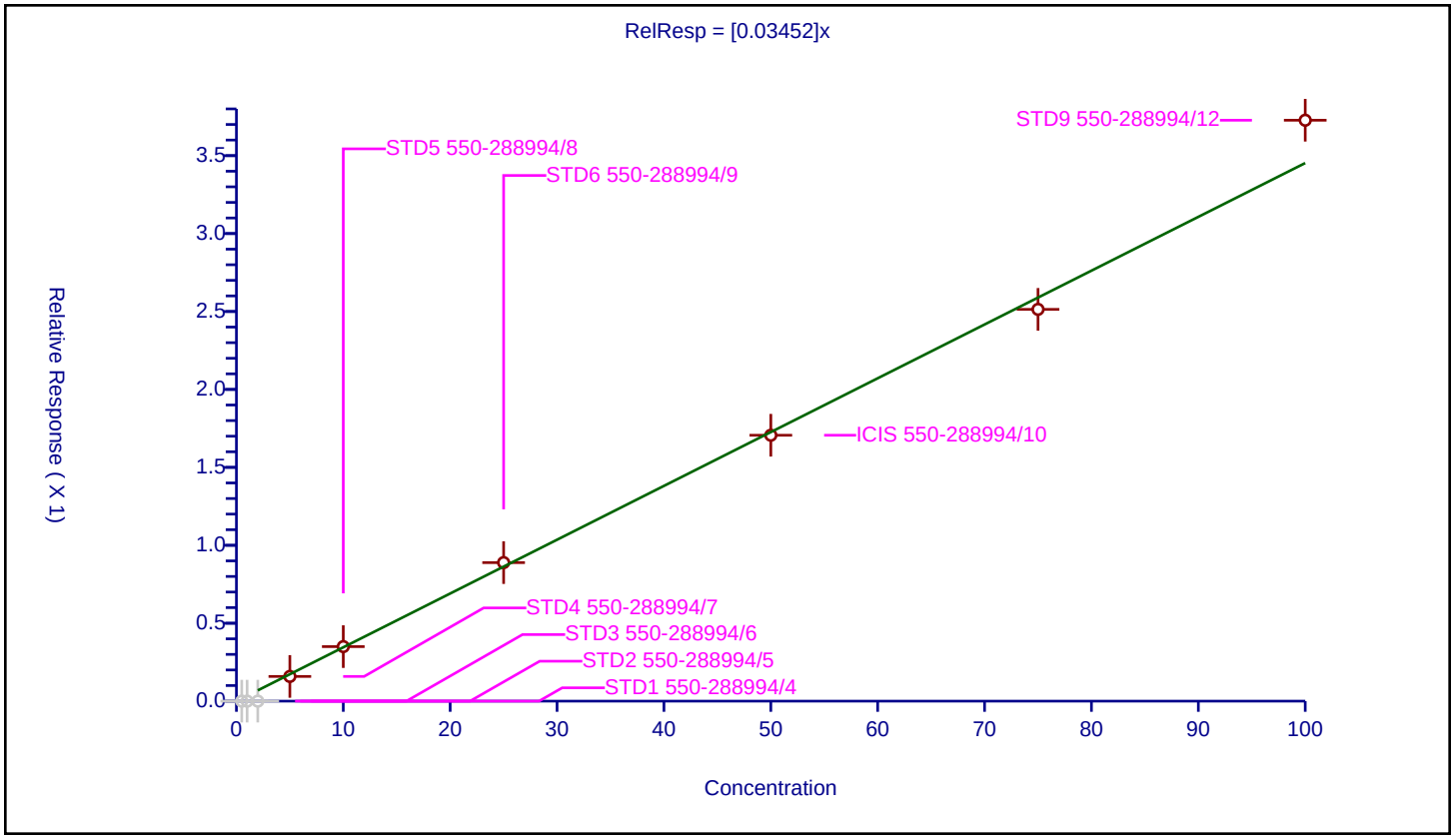
Curve Coefficients

Intercept:	0
Slope:	0.03452

Error Coefficients

Standard Error:	13200
Relative Standard Error:	5.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	128207.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	139604.0	0.0	N
3	STD3 550-288994/6	2.0	0.0	25.0	132566.0	0.0	N
4	STD4 550-288994/7	5.0	0.158454	25.0	161246.0	0.031691	Y
5	STD5 550-288994/8	10.0	0.349876	25.0	163915.0	0.034988	Y
6	STD6 550-288994/9	25.0	0.888927	25.0	152684.0	0.035557	Y
7	ICIS 550-288994/10	50.0	1.706155	25.0	140125.0	0.034123	Y
8	STD8 550-288994/11	75.0	2.513676	25.0	152635.0	0.033516	Y
9	STD9 550-288994/12	100.0	3.727169	25.0	151328.0	0.037272	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

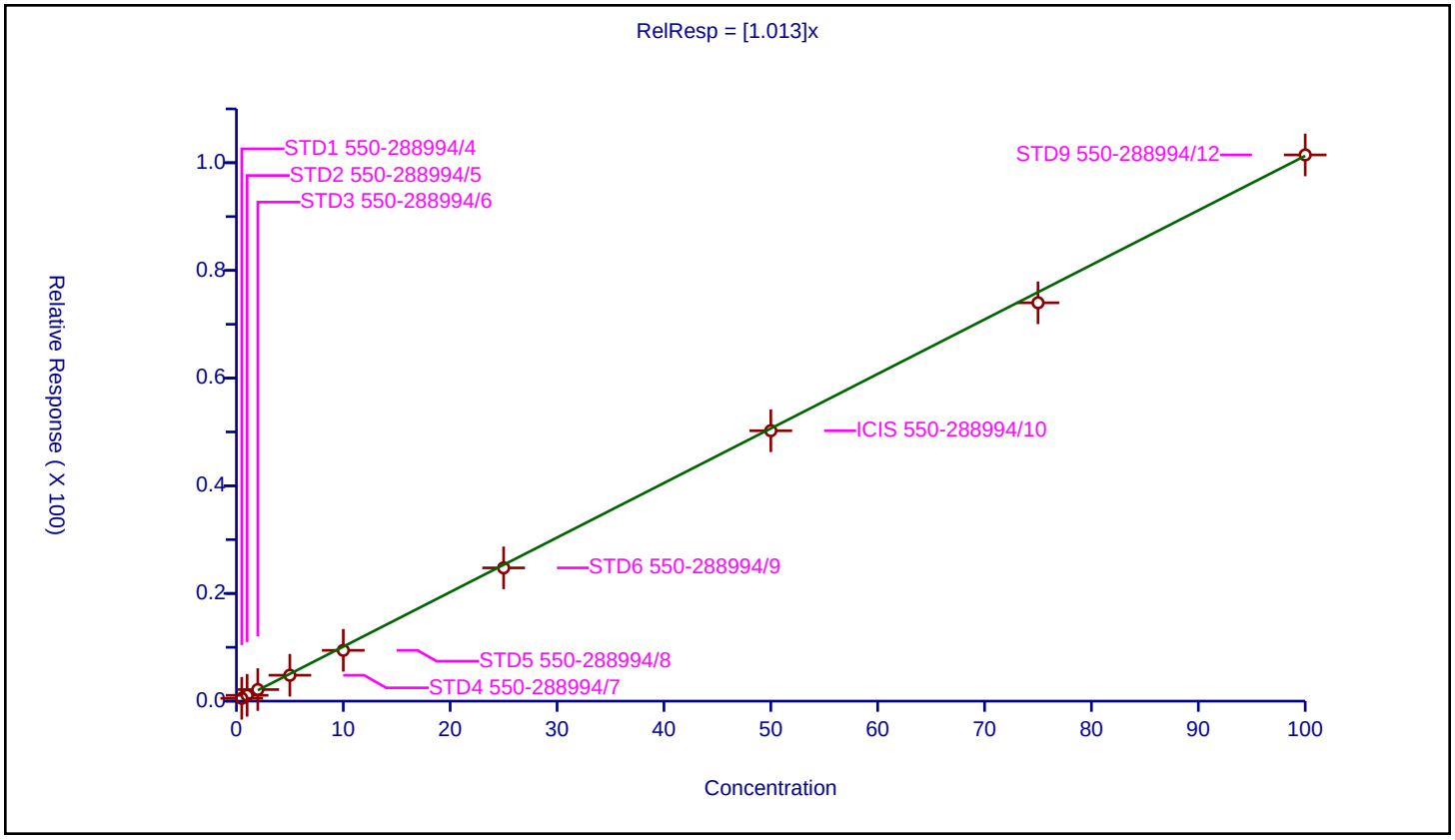
Curve Coefficients

Intercept:	0
Slope:	1.013

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.528247	25.0	128207.0	1.056495	Y
2	STD2 550-288994/5	1.0	1.082168	25.0	139604.0	1.082168	Y
3	STD3 550-288994/6	2.0	2.149307	25.0	132566.0	1.074653	Y
4	STD4 550-288994/7	5.0	4.810972	25.0	161246.0	0.962194	Y
5	STD5 550-288994/8	10.0	9.438276	25.0	163915.0	0.943828	Y
6	STD6 550-288994/9	25.0	24.75243	25.0	152684.0	0.990097	Y
7	ICIS 550-288994/10	50.0	50.22587	25.0	140125.0	1.004517	Y
8	STD8 550-288994/11	75.0	73.991876	25.0	152635.0	0.986558	Y
9	STD9 550-288994/12	100.0	101.452639	25.0	151328.0	1.014526	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

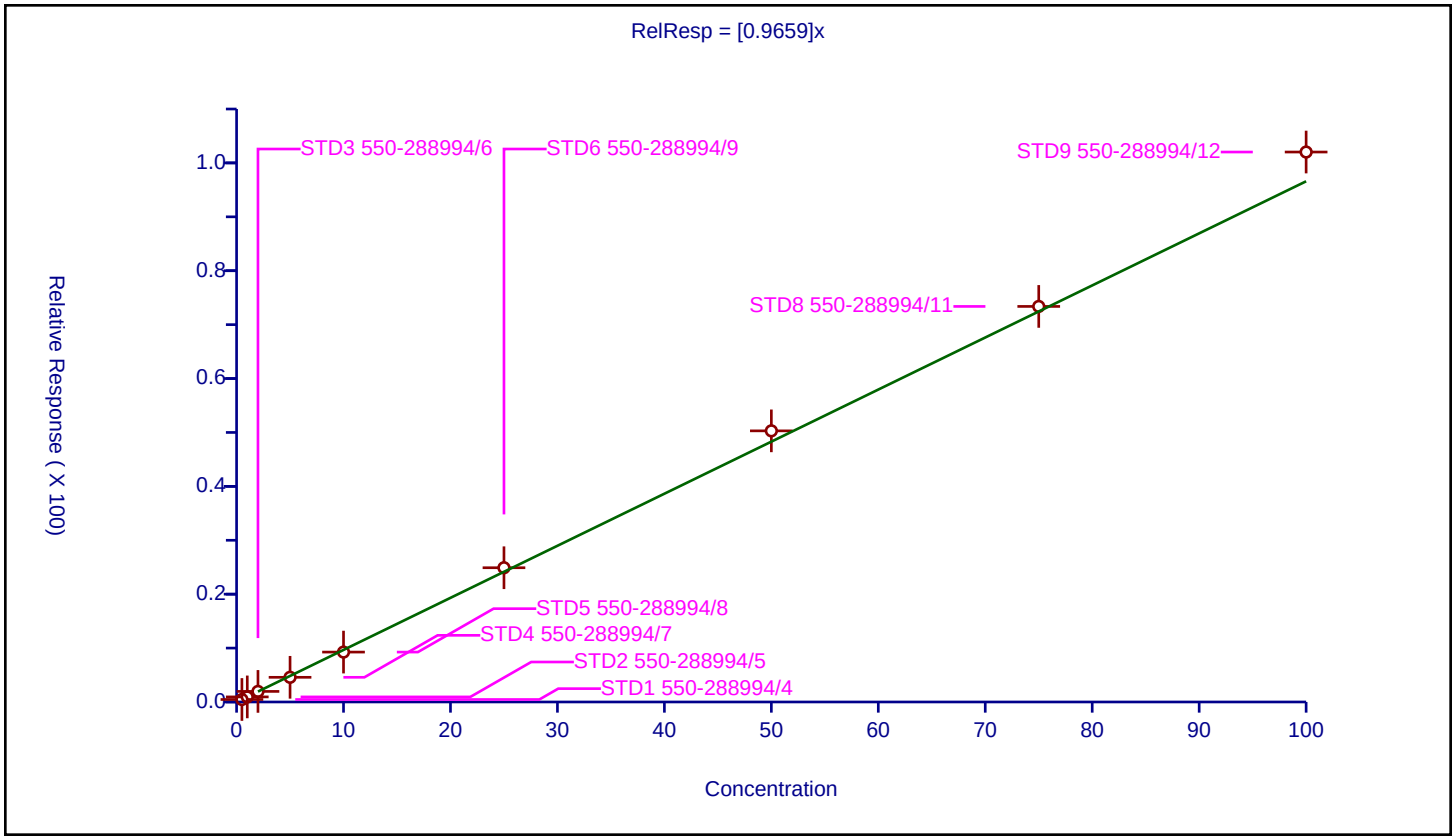
Curve Coefficients

Intercept:	0
Slope:	0.9659

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.463898	25.0	128207.0	0.927796	Y
2	STD2 550-288994/5	1.0	0.941771	25.0	139604.0	0.941771	Y
3	STD3 550-288994/6	2.0	1.963362	25.0	132566.0	0.981681	Y
4	STD4 550-288994/7	5.0	4.577478	25.0	161246.0	0.915496	Y
5	STD5 550-288994/8	10.0	9.257084	25.0	163915.0	0.925708	Y
6	STD6 550-288994/9	25.0	24.903232	25.0	152684.0	0.996129	Y
7	ICIS 550-288994/10	50.0	50.297591	25.0	140125.0	1.005952	Y
8	STD8 550-288994/11	75.0	73.377174	25.0	152635.0	0.978362	Y
9	STD9 550-288994/12	100.0	102.019289	25.0	151328.0	1.020193	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

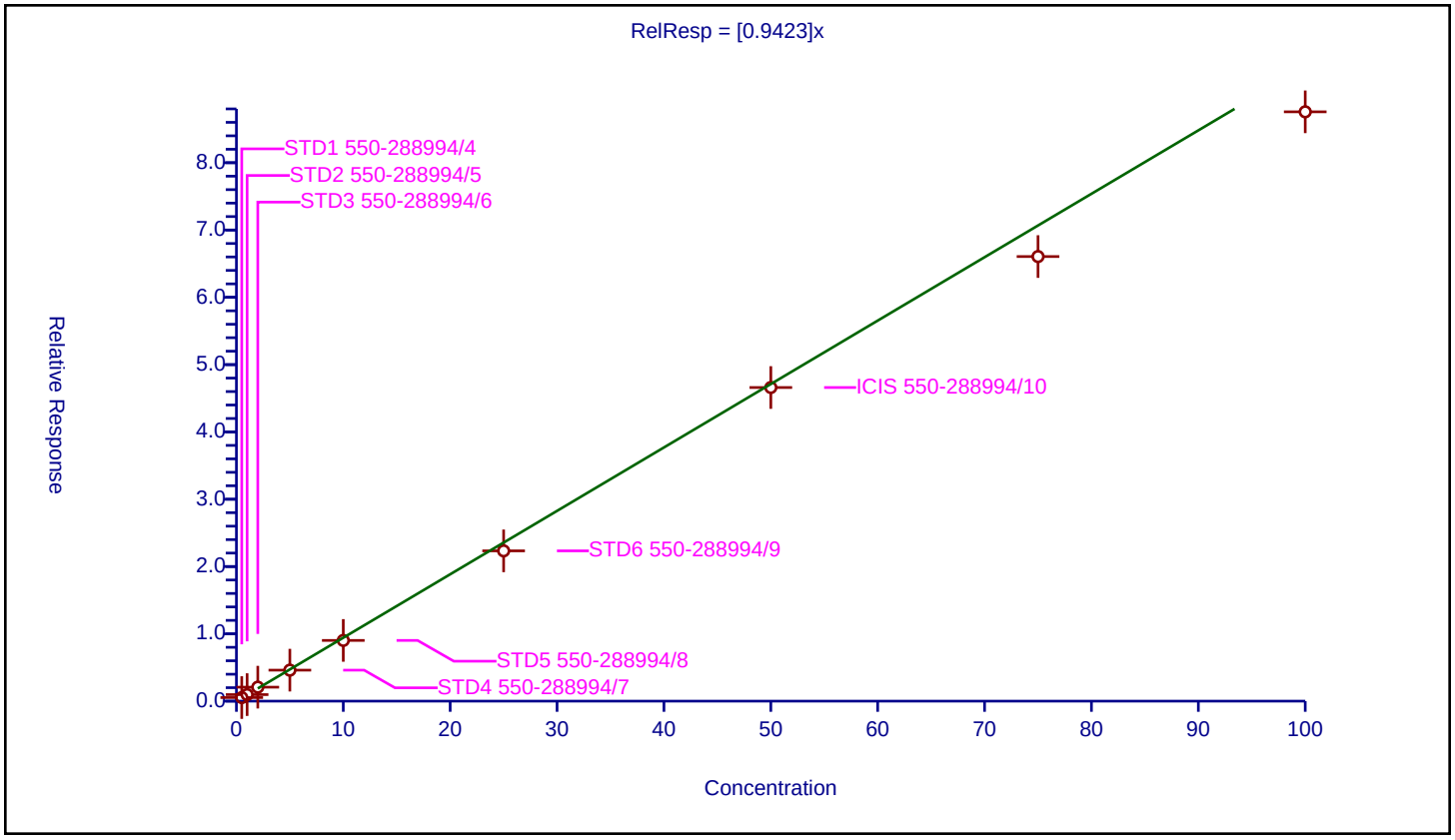
Curve Coefficients

Intercept:	0
Slope:	0.9423

Error Coefficients

Standard Error:	259000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.532147	25.0	128207.0	1.064294	Y
2	STD2 550-288994/5	1.0	0.973289	25.0	139604.0	0.973289	Y
3	STD3 550-288994/6	2.0	2.076513	25.0	132566.0	1.038256	Y
4	STD4 550-288994/7	5.0	4.604765	25.0	161246.0	0.920953	Y
5	STD5 550-288994/8	10.0	9.022359	25.0	163915.0	0.902236	Y
6	STD6 550-288994/9	25.0	22.329288	25.0	152684.0	0.893172	Y
7	ICIS 550-288994/10	50.0	46.601963	25.0	140125.0	0.932039	Y
8	STD8 550-288994/11	75.0	66.058407	25.0	152635.0	0.880779	Y
9	STD9 550-288994/12	100.0	87.56476	25.0	151328.0	0.875648	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

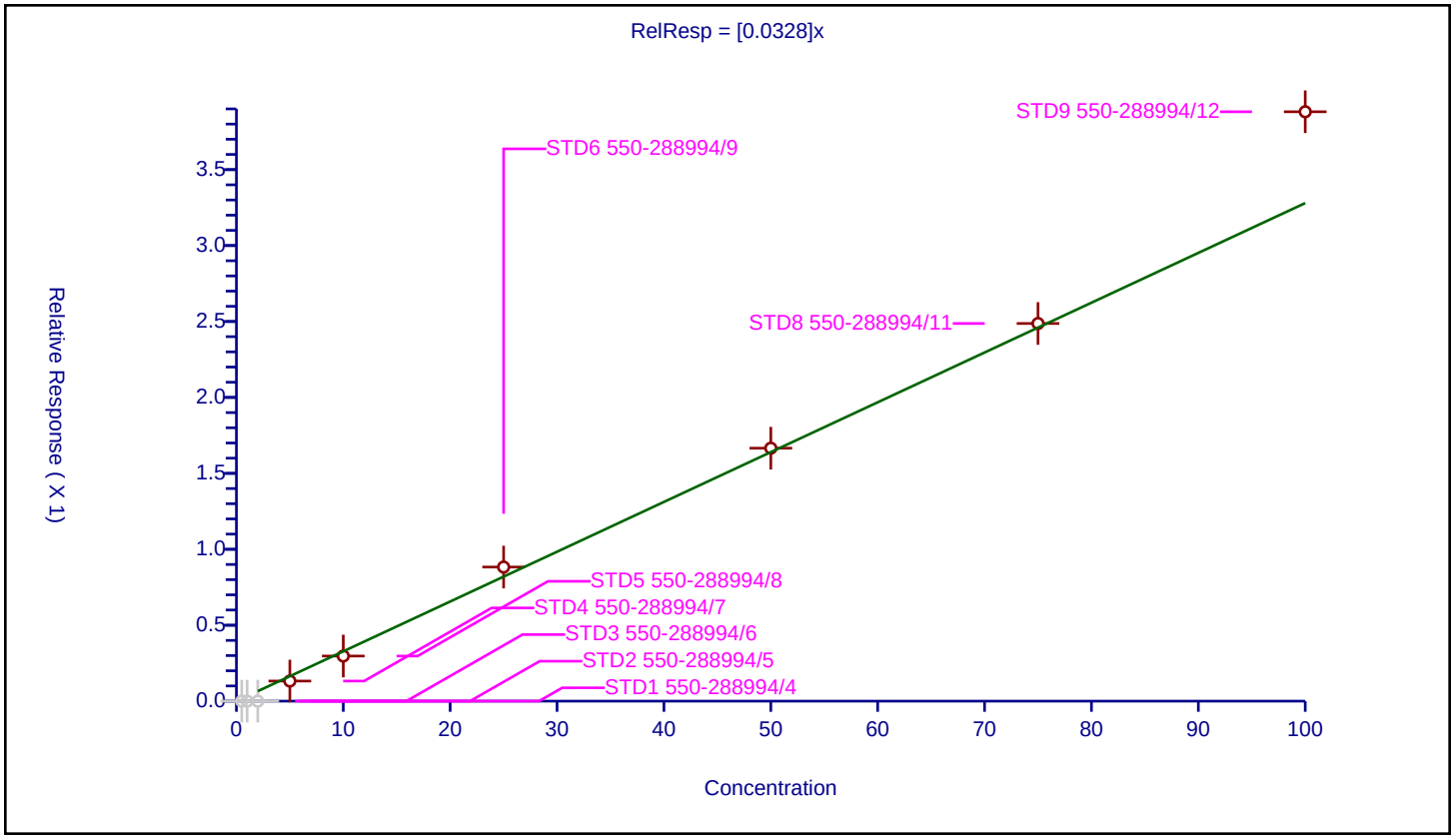
Curve Coefficients

Intercept:	0
Slope:	0.0328

Error Coefficients

Standard Error:	13400
Relative Standard Error:	13.1
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	128207.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	139604.0	0.0	N
3	STD3 550-288994/6	2.0	0.0	25.0	132566.0	0.0	N
4	STD4 550-288994/7	5.0	0.132406	25.0	161246.0	0.026481	Y
5	STD5 550-288994/8	10.0	0.296953	25.0	163915.0	0.029695	Y
6	STD6 550-288994/9	25.0	0.883033	25.0	152684.0	0.035321	Y
7	ICIS 550-288994/10	50.0	1.665656	25.0	140125.0	0.033313	Y
8	STD8 550-288994/11	75.0	2.486979	25.0	152635.0	0.03316	Y
9	STD9 550-288994/12	100.0	3.881139	25.0	151328.0	0.038811	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

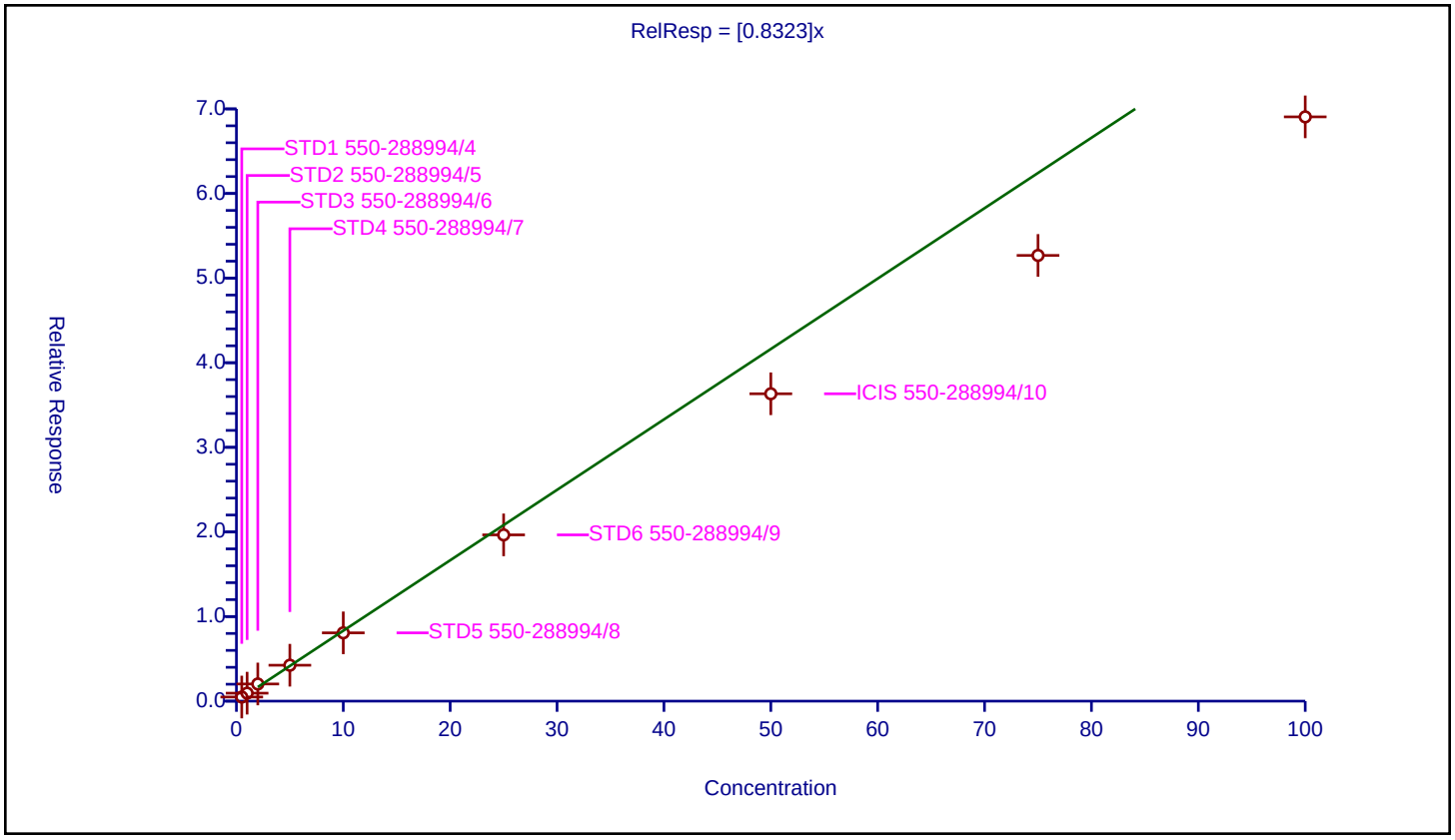
Curve Coefficients

Intercept:	0
Slope:	0.8323

Error Coefficients

Standard Error:	128000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.486999	25.0	68532.0	0.973998	Y
2	STD2 550-288994/5	1.0	0.941408	25.0	70692.0	0.941408	Y
3	STD3 550-288994/6	2.0	2.027577	25.0	66323.0	1.013789	Y
4	STD4 550-288994/7	5.0	4.245315	25.0	87944.0	0.849063	Y
5	STD5 550-288994/8	10.0	8.072117	25.0	93473.0	0.807212	Y
6	STD6 550-288994/9	25.0	19.650574	25.0	88402.0	0.786023	Y
7	ICIS 550-288994/10	50.0	36.330067	25.0	85710.0	0.726601	Y
8	STD8 550-288994/11	75.0	52.678599	25.0	95591.0	0.702381	Y
9	STD9 550-288994/12	100.0	69.057167	25.0	95632.0	0.690572	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

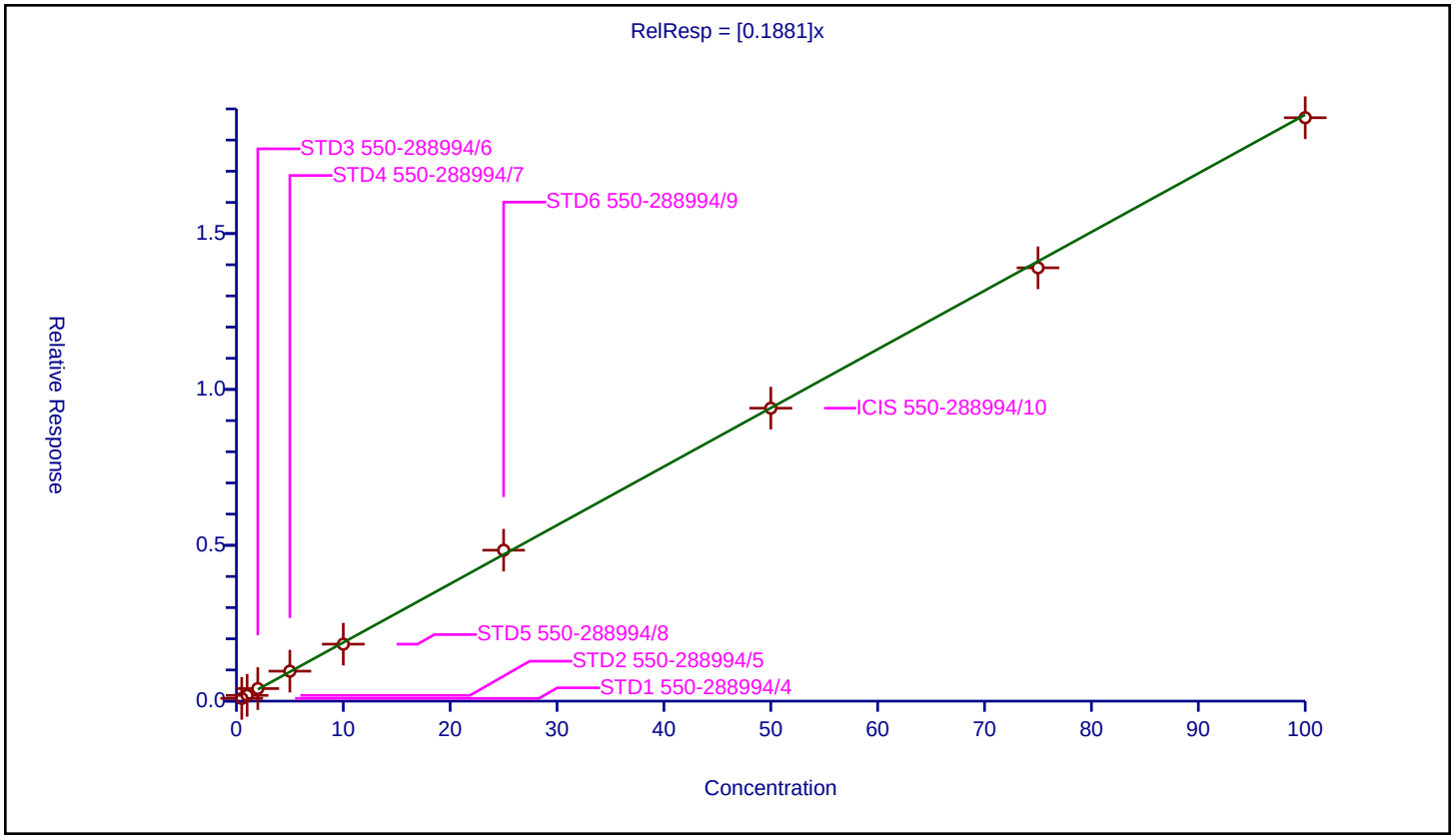
Curve Coefficients

Intercept:	0
Slope:	0.1881

Error Coefficients

Standard Error:	54600
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.088724	25.0	128207.0	0.177447	Y
2	STD2 550-288994/5	1.0	0.184808	25.0	139604.0	0.184808	Y
3	STD3 550-288994/6	2.0	0.403007	25.0	132566.0	0.201503	Y
4	STD4 550-288994/7	5.0	0.961884	25.0	161246.0	0.192377	Y
5	STD5 550-288994/8	10.0	1.827777	25.0	163915.0	0.182778	Y
6	STD6 550-288994/9	25.0	4.842682	25.0	152684.0	0.193707	Y
7	ICIS 550-288994/10	50.0	9.398216	25.0	140125.0	0.187964	Y
8	STD8 550-288994/11	75.0	13.901956	25.0	152635.0	0.185359	Y
9	STD9 550-288994/12	100.0	18.71729	25.0	151328.0	0.187173	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

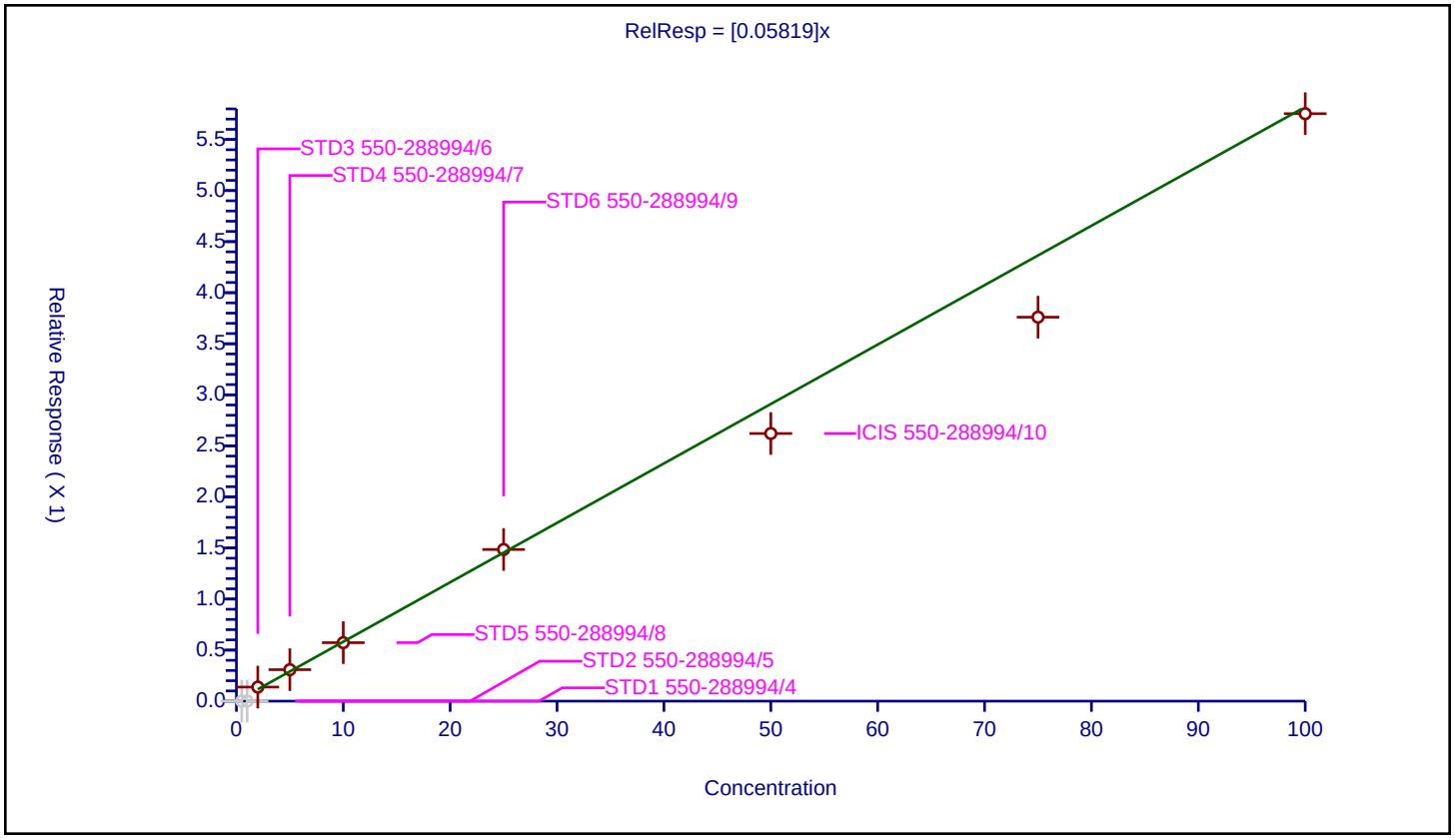
Curve Coefficients

Intercept:	0
Slope:	0.05819

Error Coefficients

Standard Error:	11600
Relative Standard Error:	10.6
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.137961	25.0	66323.0	0.068981	Y
4	STD4 550-288994/7	5.0	0.308151	25.0	87944.0	0.06163	Y
5	STD5 550-288994/8	10.0	0.572625	25.0	93473.0	0.057263	Y
6	STD6 550-288994/9	25.0	1.484978	25.0	88402.0	0.059399	Y
7	ICIS 550-288994/10	50.0	2.621048	25.0	85710.0	0.052421	Y
8	STD8 550-288994/11	75.0	3.760291	25.0	95591.0	0.050137	Y
9	STD9 550-288994/12	100.0	5.753043	25.0	95632.0	0.05753	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

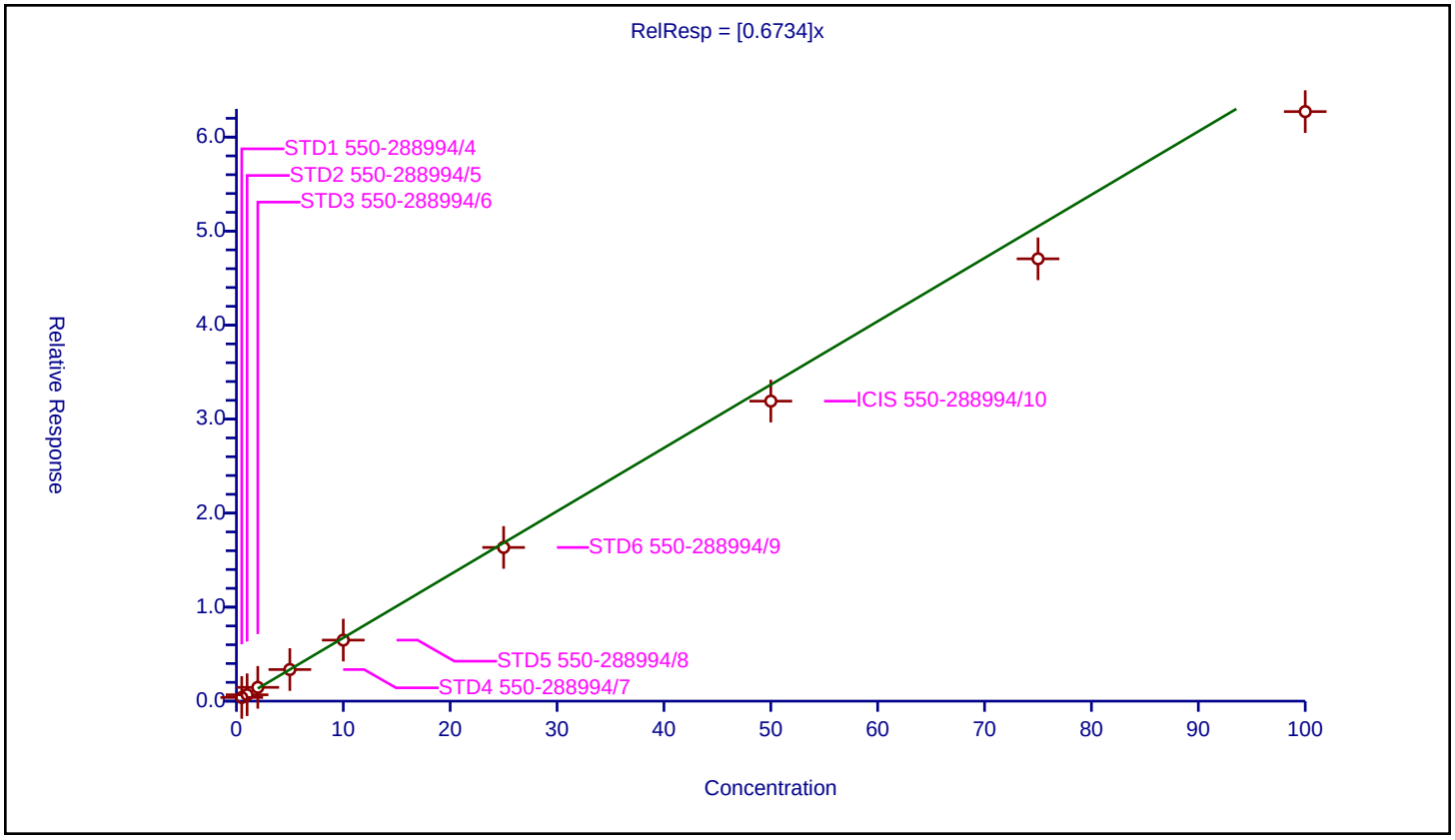
Curve Coefficients

Intercept:	0
Slope:	0.6734

Error Coefficients

Standard Error:	184000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.390774	25.0	128207.0	0.781549	Y
2	STD2 550-288994/5	1.0	0.677631	25.0	139604.0	0.677631	Y
3	STD3 550-288994/6	2.0	1.465874	25.0	132566.0	0.732937	Y
4	STD4 550-288994/7	5.0	3.360859	25.0	161246.0	0.672172	Y
5	STD5 550-288994/8	10.0	6.493152	25.0	163915.0	0.649315	Y
6	STD6 550-288994/9	25.0	16.347489	25.0	152684.0	0.6539	Y
7	ICIS 550-288994/10	50.0	31.915076	25.0	140125.0	0.638302	Y
8	STD8 550-288994/11	75.0	47.052118	25.0	152635.0	0.627362	Y
9	STD9 550-288994/12	100.0	62.709644	25.0	151328.0	0.627096	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

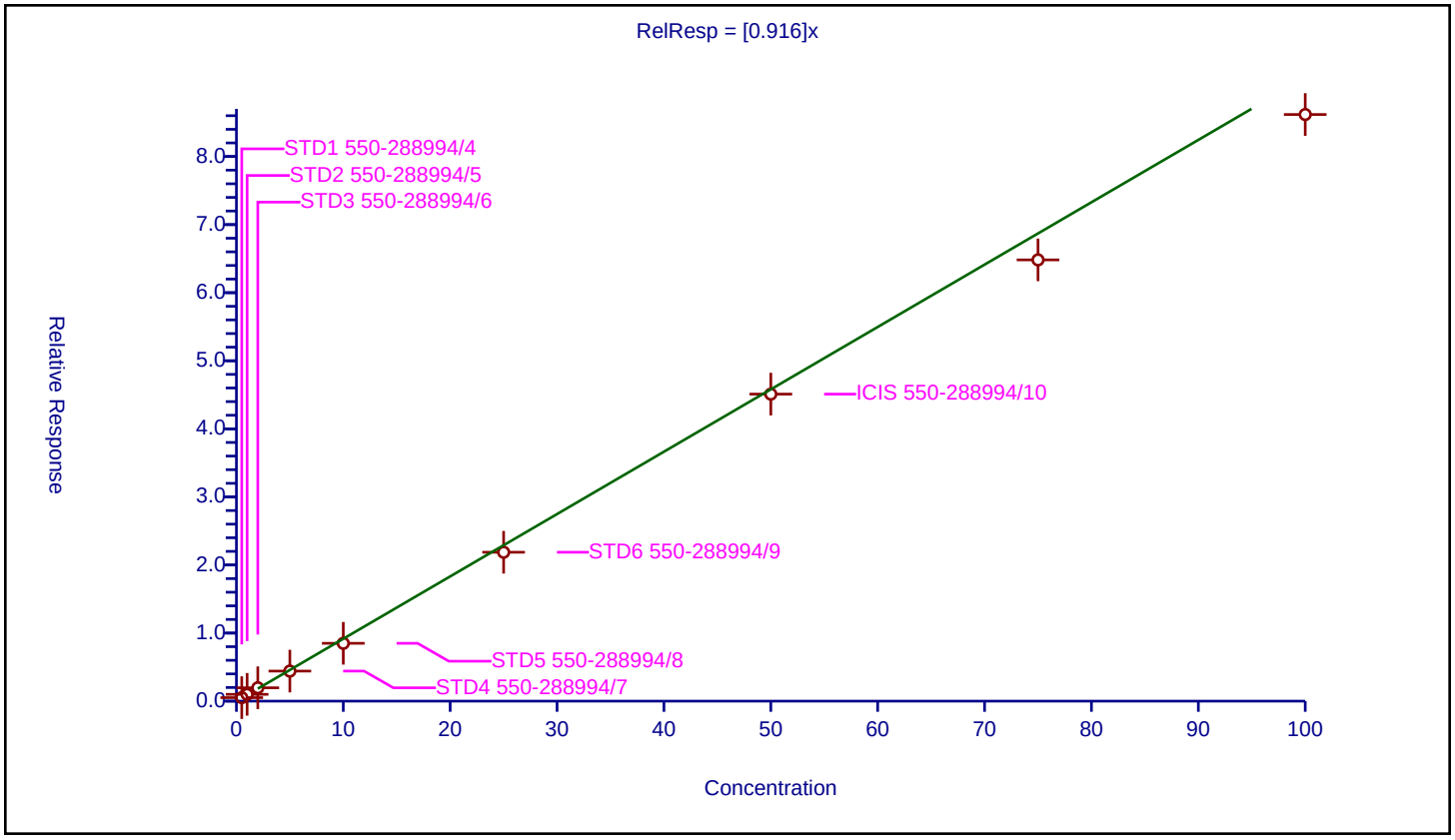
Curve Coefficients

Intercept:	0
Slope:	0.916

Error Coefficients

Standard Error:	254000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.514597	25.0	128207.0	1.029195	Y
2	STD2 550-288994/5	1.0	0.999434	25.0	139604.0	0.999434	Y
3	STD3 550-288994/6	2.0	1.960344	25.0	132566.0	0.980172	Y
4	STD4 550-288994/7	5.0	4.413753	25.0	161246.0	0.882751	Y
5	STD5 550-288994/8	10.0	8.496934	25.0	163915.0	0.849693	Y
6	STD6 550-288994/9	25.0	21.873772	25.0	152684.0	0.874951	Y
7	ICIS 550-288994/10	50.0	45.099554	25.0	140125.0	0.901991	Y
8	STD8 550-288994/11	75.0	64.821961	25.0	152635.0	0.864293	Y
9	STD9 550-288994/12	100.0	86.175229	25.0	151328.0	0.861752	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

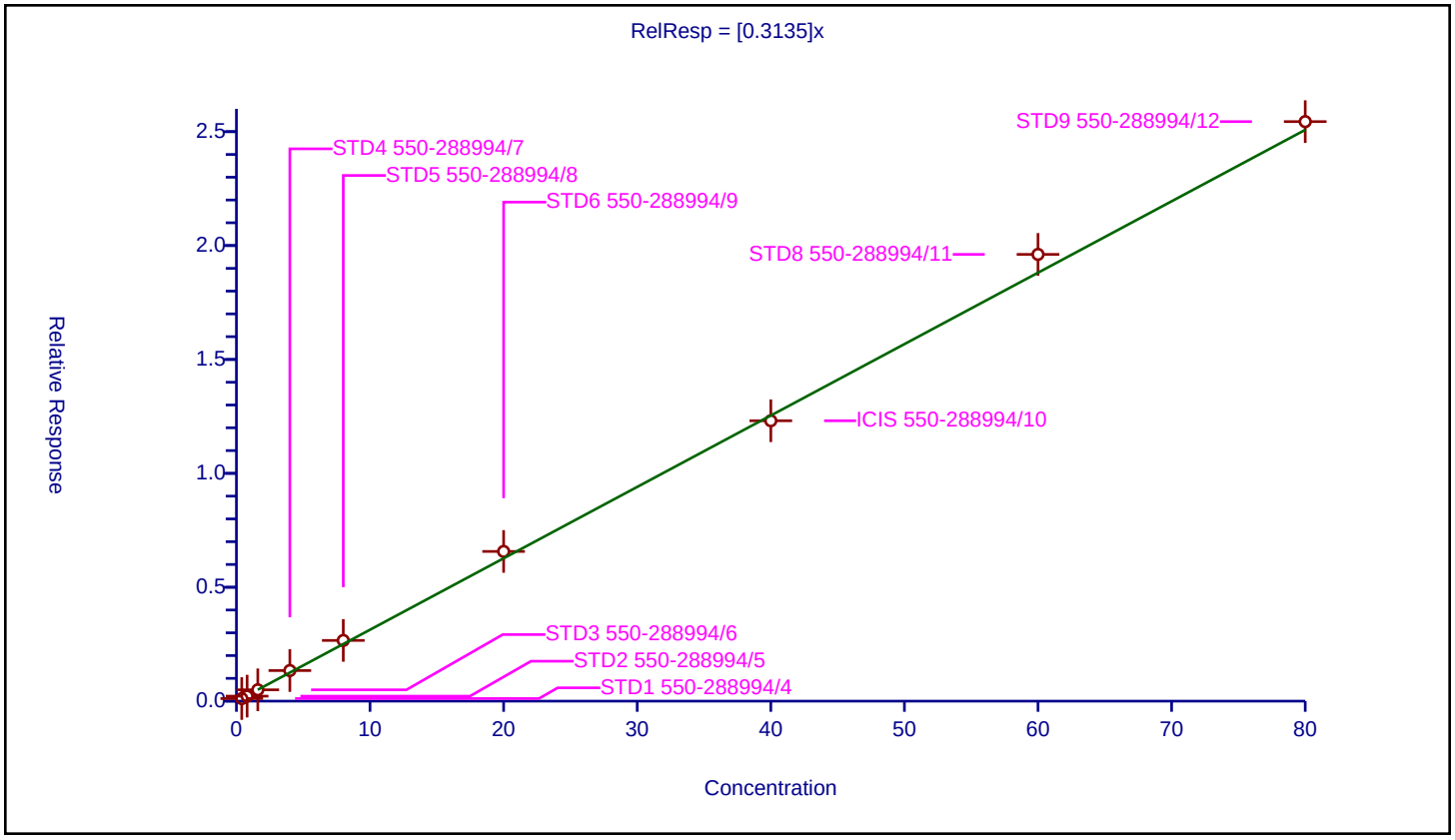
Curve Coefficients

Intercept:	0
Slope:	0.3135

Error Coefficients

Standard Error:	74800
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.114268	25.0	128207.0	0.285671	Y
2	STD2 550-288994/5	0.8	0.21955	25.0	139604.0	0.274437	Y
3	STD3 550-288994/6	1.6	0.497677	25.0	132566.0	0.311048	Y
4	STD4 550-288994/7	4.0	1.343289	25.0	161246.0	0.335822	Y
5	STD5 550-288994/8	8.0	2.664948	25.0	163915.0	0.333119	Y
6	STD6 550-288994/9	20.0	6.571743	25.0	152684.0	0.328587	Y
7	ICIS 550-288994/10	40.0	12.308831	25.0	140125.0	0.307721	Y
8	STD8 550-288994/11	60.0	19.611819	25.0	152635.0	0.326864	Y
9	STD9 550-288994/12	80.0	25.441095	25.0	151328.0	0.318014	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

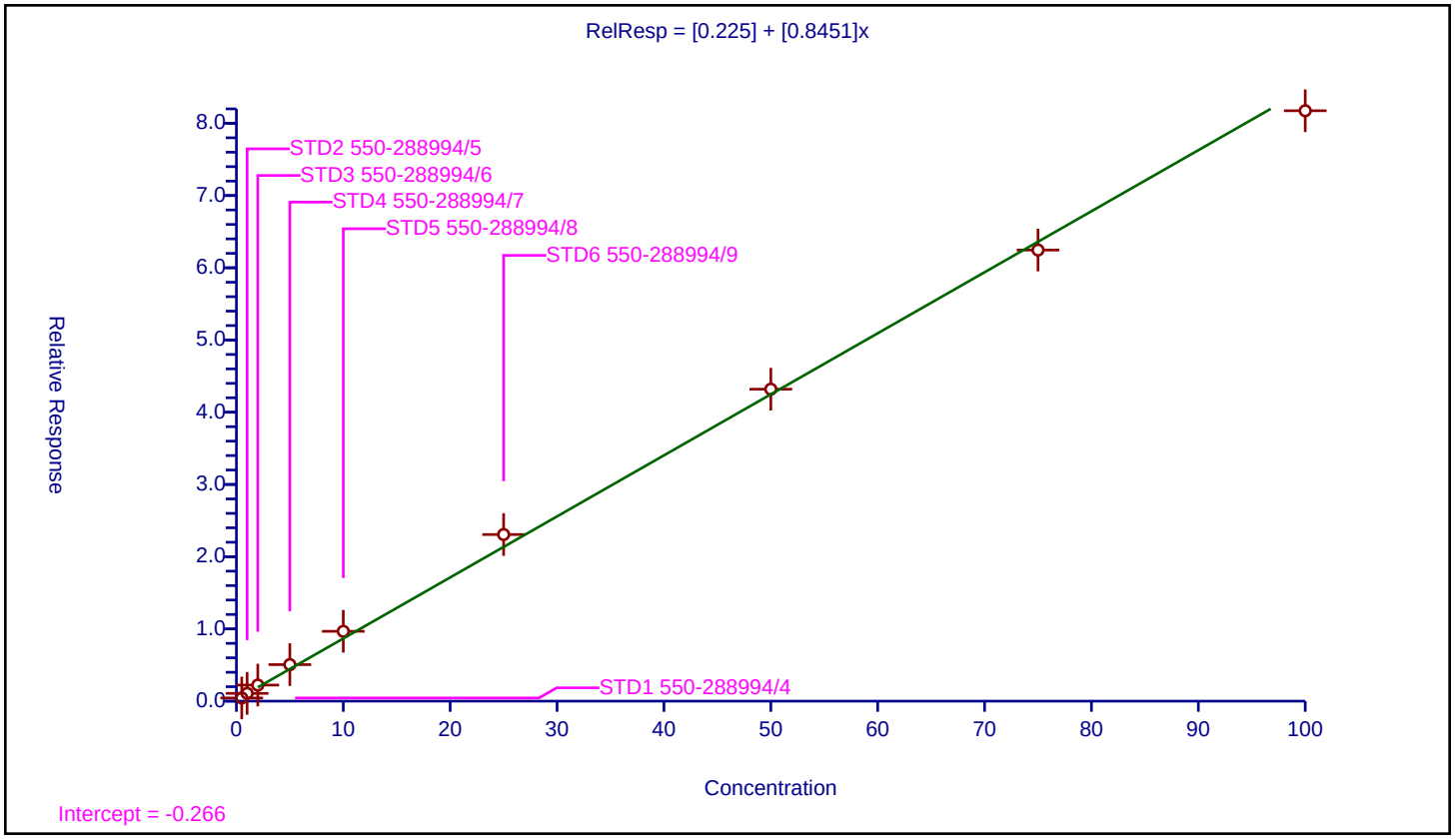
Curve Coefficients

Intercept:	0.225
Slope:	0.8451

Error Coefficients

Standard Error:	163000
Relative Standard Error:	21.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.438846	25.0	68532.0	0.877692	Y
2	STD2 550-288994/5	1.0	1.074025	25.0	70692.0	1.074025	Y
3	STD3 550-288994/6	2.0	2.224718	25.0	66323.0	1.112359	Y
4	STD4 550-288994/7	5.0	5.057764	25.0	87944.0	1.011553	Y
5	STD5 550-288994/8	10.0	9.669637	25.0	93473.0	0.966964	Y
6	STD6 550-288994/9	25.0	23.068765	25.0	88402.0	0.922751	Y
7	ICIS 550-288994/10	50.0	43.191576	25.0	85710.0	0.863832	Y
8	STD8 550-288994/11	75.0	62.455671	25.0	95591.0	0.832742	Y
9	STD9 550-288994/12	100.0	81.742252	25.0	95632.0	0.817423	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

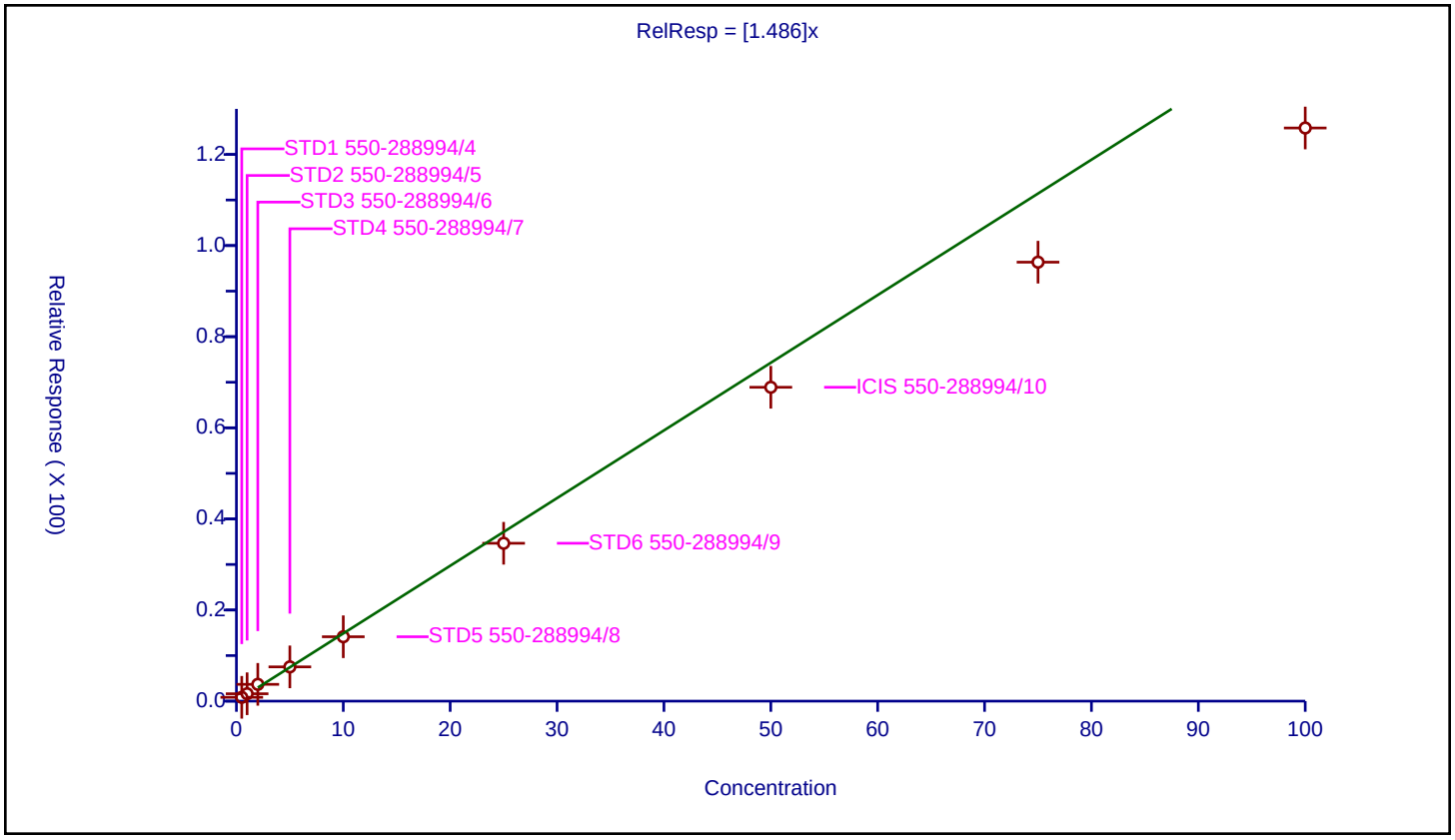
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	235000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.838659	25.0	68532.0	1.677319	Y
2	STD2 550-288994/5	1.0	1.6243	25.0	70692.0	1.6243	Y
3	STD3 550-288994/6	2.0	3.688389	25.0	66323.0	1.844194	Y
4	STD4 550-288994/7	5.0	7.519558	25.0	87944.0	1.503912	Y
5	STD5 550-288994/8	10.0	14.131888	25.0	93473.0	1.413189	Y
6	STD6 550-288994/9	25.0	34.655325	25.0	88402.0	1.386213	Y
7	ICIS 550-288994/10	50.0	68.89307	25.0	85710.0	1.377861	Y
8	STD8 550-288994/11	75.0	96.355828	25.0	95591.0	1.284744	Y
9	STD9 550-288994/12	100.0	125.80883	25.0	95632.0	1.258088	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

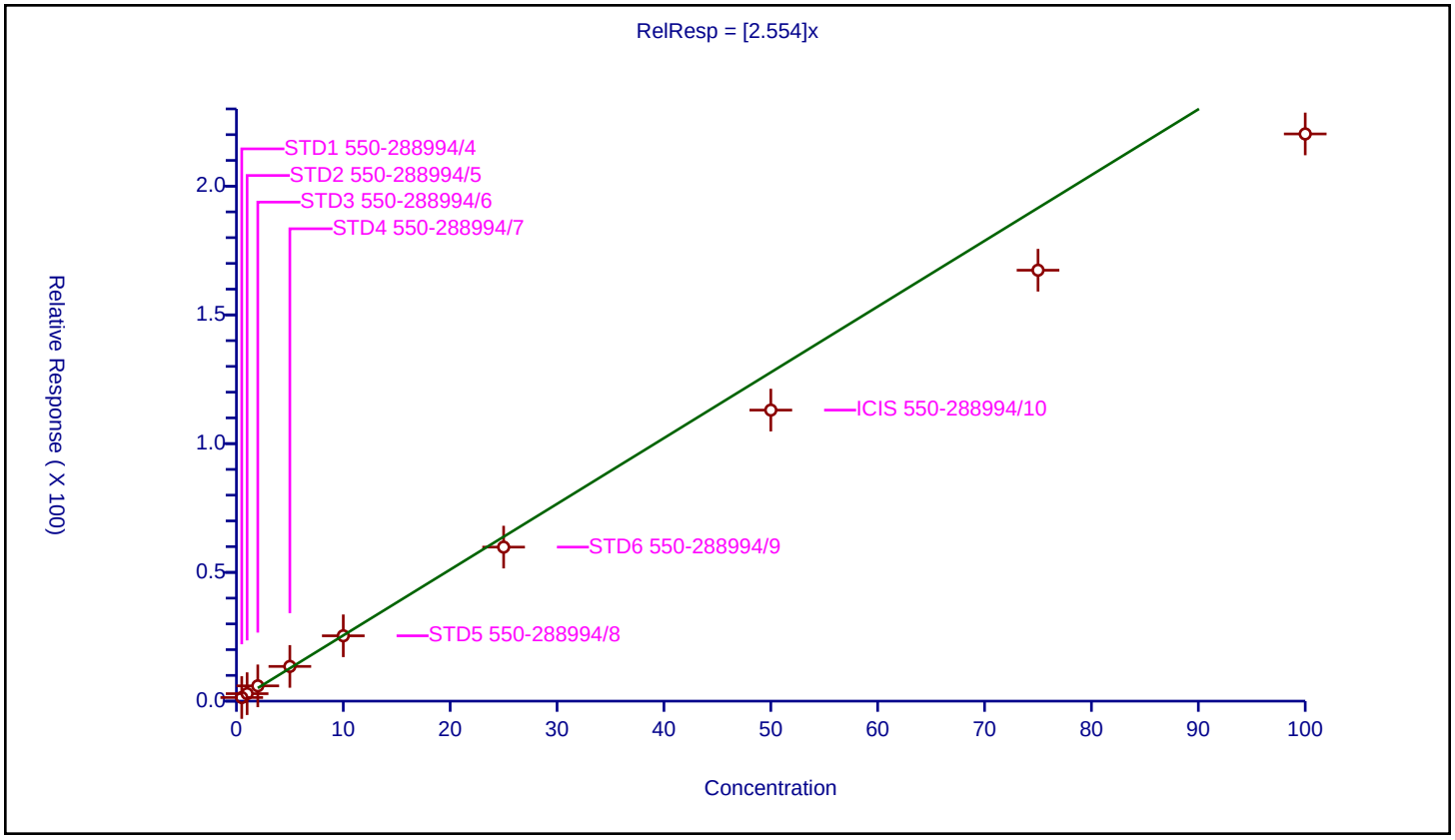
Curve Coefficients

Intercept:	0
Slope:	2.554

Error Coefficients

Standard Error:	407000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.397887	25.0	68532.0	2.795774	Y
2	STD2 550-288994/5	1.0	2.900257	25.0	70692.0	2.900257	Y
3	STD3 550-288994/6	2.0	5.928939	25.0	66323.0	2.964469	Y
4	STD4 550-288994/7	5.0	13.48756	25.0	87944.0	2.697512	Y
5	STD5 550-288994/8	10.0	25.379521	25.0	93473.0	2.537952	Y
6	STD6 550-288994/9	25.0	59.818782	25.0	88402.0	2.392751	Y
7	ICIS 550-288994/10	50.0	113.029985	25.0	85710.0	2.2606	Y
8	STD8 550-288994/11	75.0	167.34656	25.0	95591.0	2.231287	Y
9	STD9 550-288994/12	100.0	220.280607	25.0	95632.0	2.202806	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

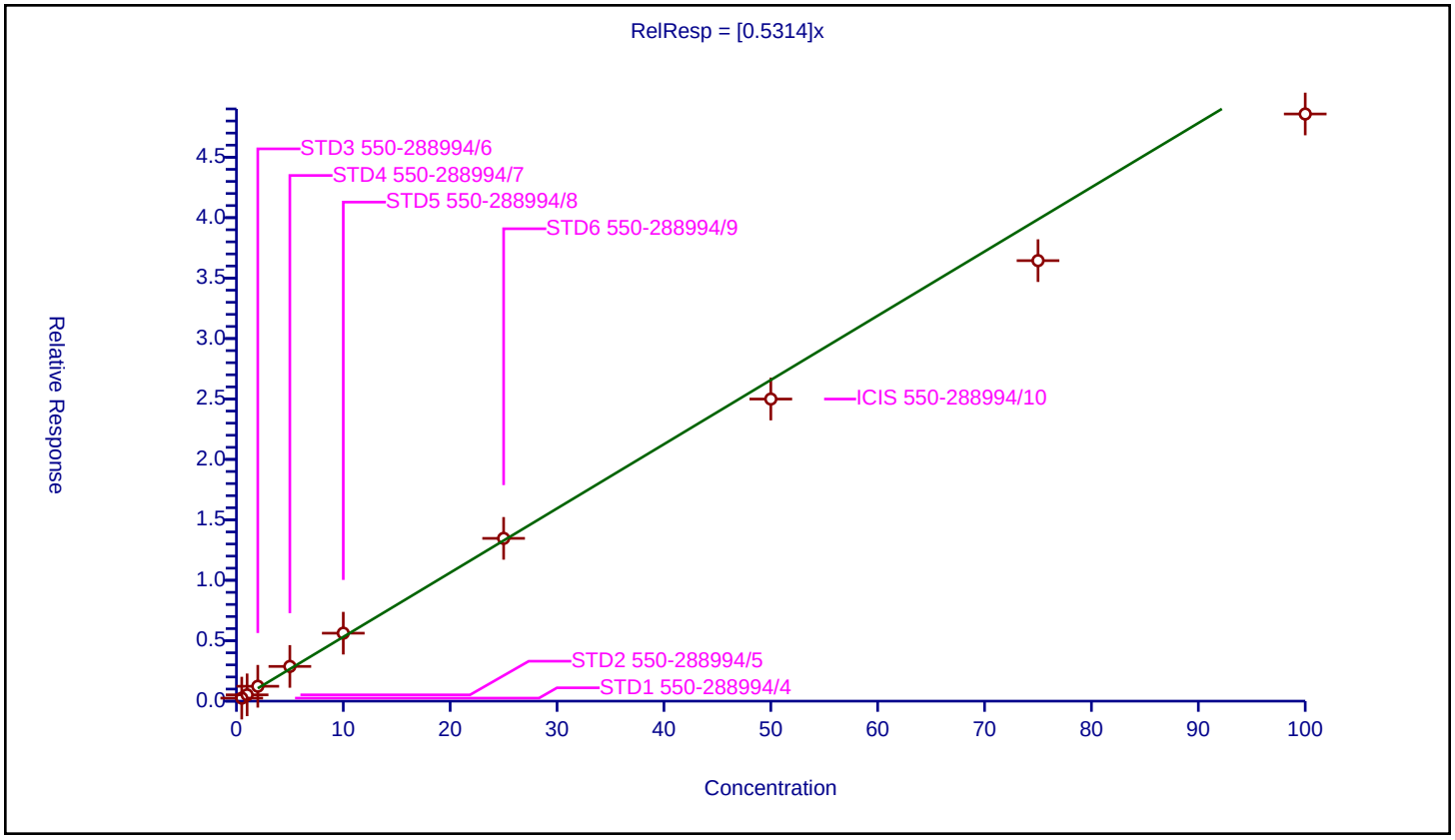
Curve Coefficients

Intercept:	0
Slope:	0.5314

Error Coefficients

Standard Error:	89500
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.249518	25.0	68532.0	0.499037	Y
2	STD2 550-288994/5	1.0	0.521275	25.0	70692.0	0.521275	Y
3	STD3 550-288994/6	2.0	1.230719	25.0	66323.0	0.61536	Y
4	STD4 550-288994/7	5.0	2.873135	25.0	87944.0	0.574627	Y
5	STD5 550-288994/8	10.0	5.623282	25.0	93473.0	0.562328	Y
6	STD6 550-288994/9	25.0	13.466607	25.0	88402.0	0.538664	Y
7	ICIS 550-288994/10	50.0	24.994166	25.0	85710.0	0.499883	Y
8	STD8 550-288994/11	75.0	36.445638	25.0	95591.0	0.485942	Y
9	STD9 550-288994/12	100.0	48.57945	25.0	95632.0	0.485795	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

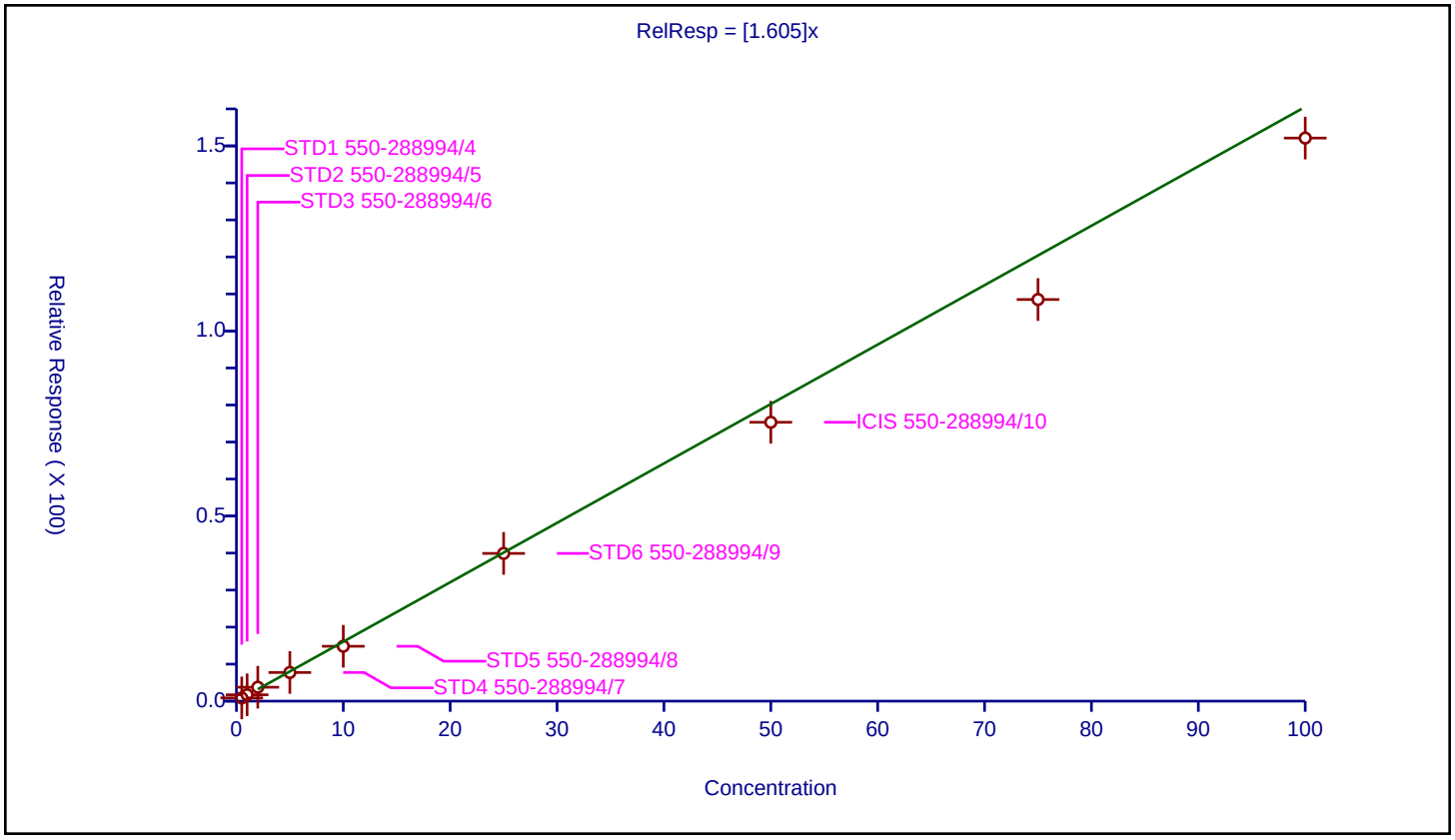
Curve Coefficients

Intercept:	0
Slope:	1.605

Error Coefficients

Standard Error:	274000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.873315	25.0	68532.0	1.746629	Y
2	STD2 550-288994/5	1.0	1.719431	25.0	70692.0	1.719431	Y
3	STD3 550-288994/6	2.0	3.760385	25.0	66323.0	1.880192	Y
4	STD4 550-288994/7	5.0	7.74129	25.0	87944.0	1.548258	Y
5	STD5 550-288994/8	10.0	14.825137	25.0	93473.0	1.482514	Y
6	STD6 550-288994/9	25.0	39.908317	25.0	88402.0	1.596333	Y
7	ICIS 550-288994/10	50.0	75.336308	25.0	85710.0	1.506726	Y
8	STD8 550-288994/11	75.0	108.501062	25.0	95591.0	1.446681	Y
9	STD9 550-288994/12	100.0	152.12272	25.0	95632.0	1.521227	Y



Calibration / Trichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

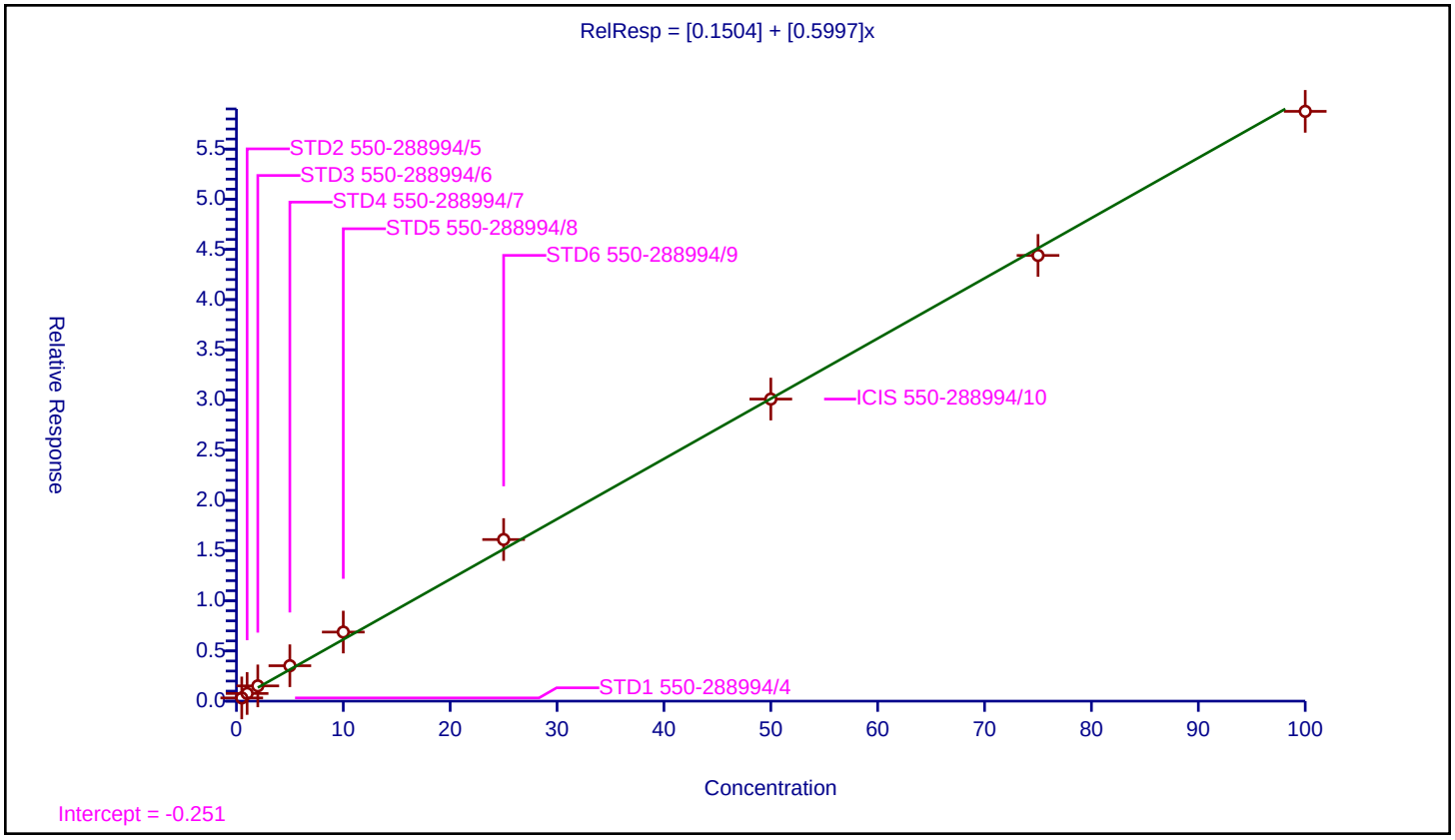
Curve Coefficients

Intercept:	0.1504
Slope:	0.5997

Error Coefficients

Standard Error:	116000
Relative Standard Error:	18.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.319924	25.0	68532.0	0.639847	Y
2	STD2 550-288994/5	1.0	0.762816	25.0	70692.0	0.762816	Y
3	STD3 550-288994/6	2.0	1.51795	25.0	66323.0	0.758975	Y
4	STD4 550-288994/7	5.0	3.528666	25.0	87944.0	0.705733	Y
5	STD5 550-288994/8	10.0	6.881934	25.0	93473.0	0.688193	Y
6	STD6 550-288994/9	25.0	16.100032	25.0	88402.0	0.644001	Y
7	ICIS 550-288994/10	50.0	30.092171	25.0	85710.0	0.601843	Y
8	STD8 550-288994/11	75.0	44.400885	25.0	95591.0	0.592012	Y
9	STD9 550-288994/12	100.0	58.756745	25.0	95632.0	0.587567	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

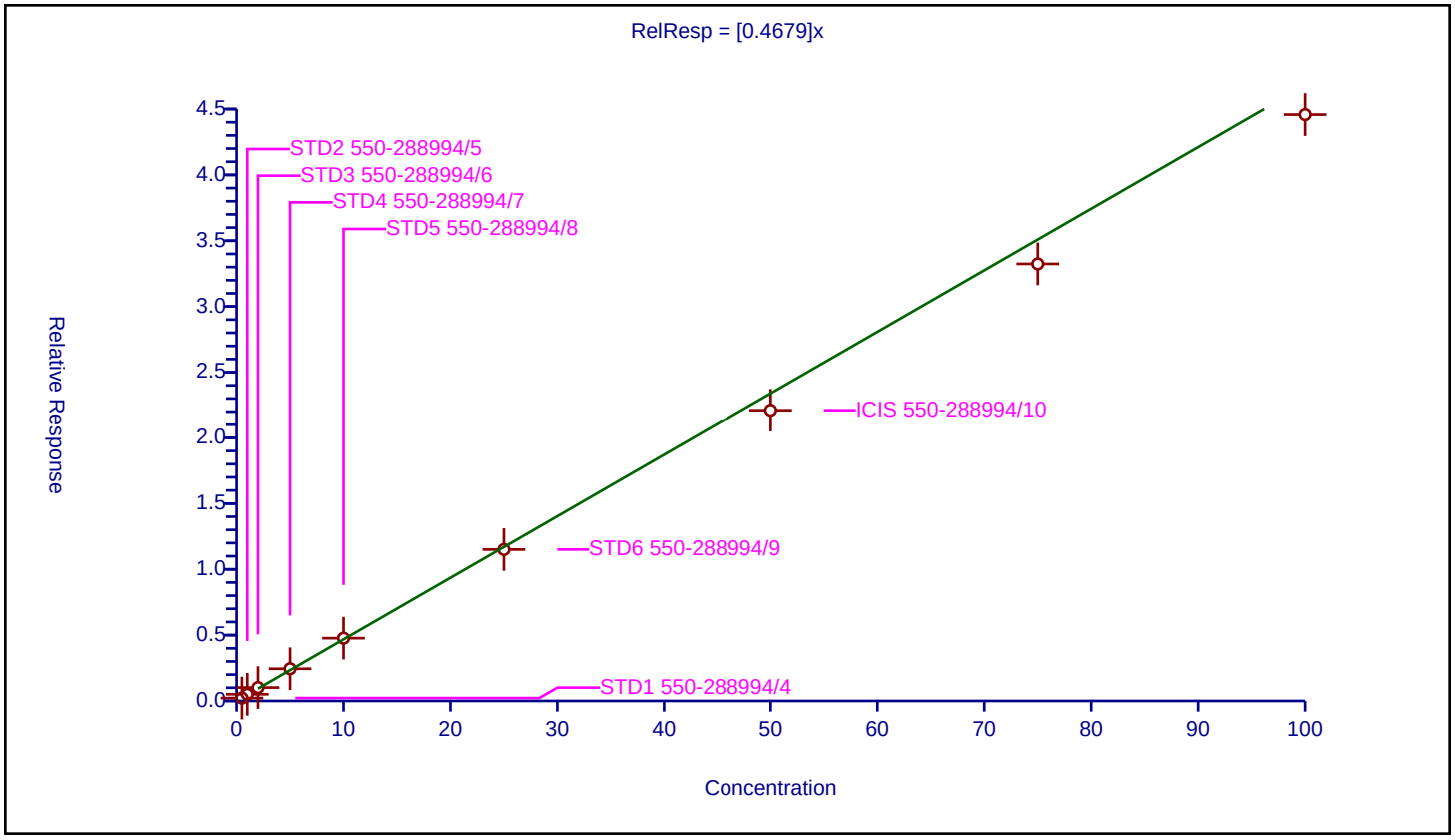
Curve Coefficients

Intercept:	0
Slope:	0.4679

Error Coefficients

Standard Error:	81400
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.219605	25.0	68532.0	0.439211	Y
2	STD2 550-288994/5	1.0	0.506422	25.0	70692.0	0.506422	Y
3	STD3 550-288994/6	2.0	1.015862	25.0	66323.0	0.507931	Y
4	STD4 550-288994/7	5.0	2.446159	25.0	87944.0	0.489232	Y
5	STD5 550-288994/8	10.0	4.767954	25.0	93473.0	0.476795	Y
6	STD6 550-288994/9	25.0	11.507941	25.0	88402.0	0.460318	Y
7	ICIS 550-288994/10	50.0	22.10623	25.0	85710.0	0.442125	Y
8	STD8 550-288994/11	75.0	33.240054	25.0	95591.0	0.443201	Y
9	STD9 550-288994/12	100.0	44.579743	25.0	95632.0	0.445797	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

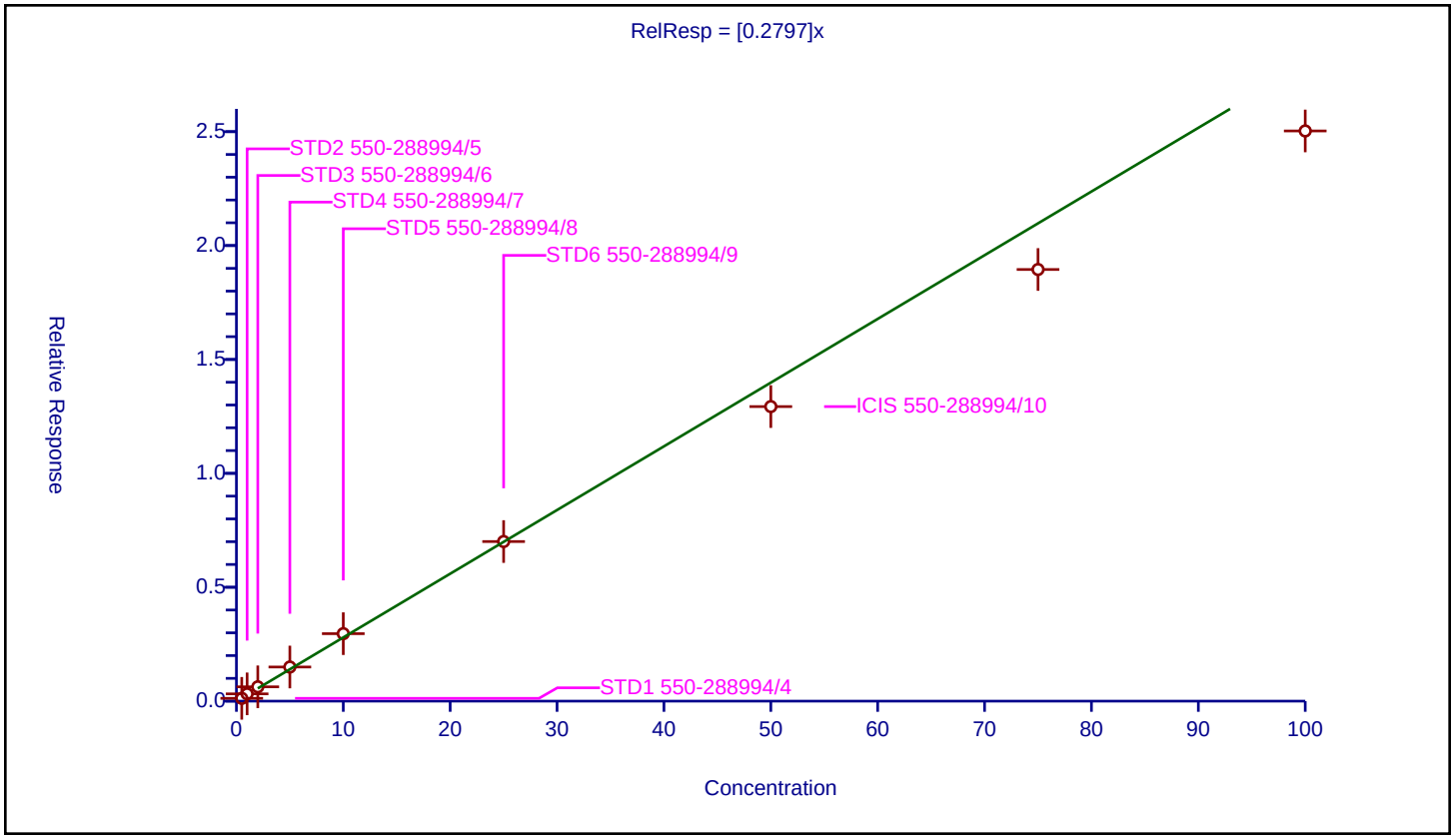
Curve Coefficients

Intercept:	0
Slope:	0.2797

Error Coefficients

Standard Error:	46300
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.122935	25.0	68532.0	0.245871	Y
2	STD2 550-288994/5	1.0	0.319343	25.0	70692.0	0.319343	Y
3	STD3 550-288994/6	2.0	0.627987	25.0	66323.0	0.313994	Y
4	STD4 550-288994/7	5.0	1.498112	25.0	87944.0	0.299622	Y
5	STD5 550-288994/8	10.0	2.961818	25.0	93473.0	0.296182	Y
6	STD6 550-288994/9	25.0	7.006346	25.0	88402.0	0.280254	Y
7	ICIS 550-288994/10	50.0	12.931397	25.0	85710.0	0.258628	Y
8	STD8 550-288994/11	75.0	18.949744	25.0	95591.0	0.252663	Y
9	STD9 550-288994/12	100.0	25.032416	25.0	95632.0	0.250324	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

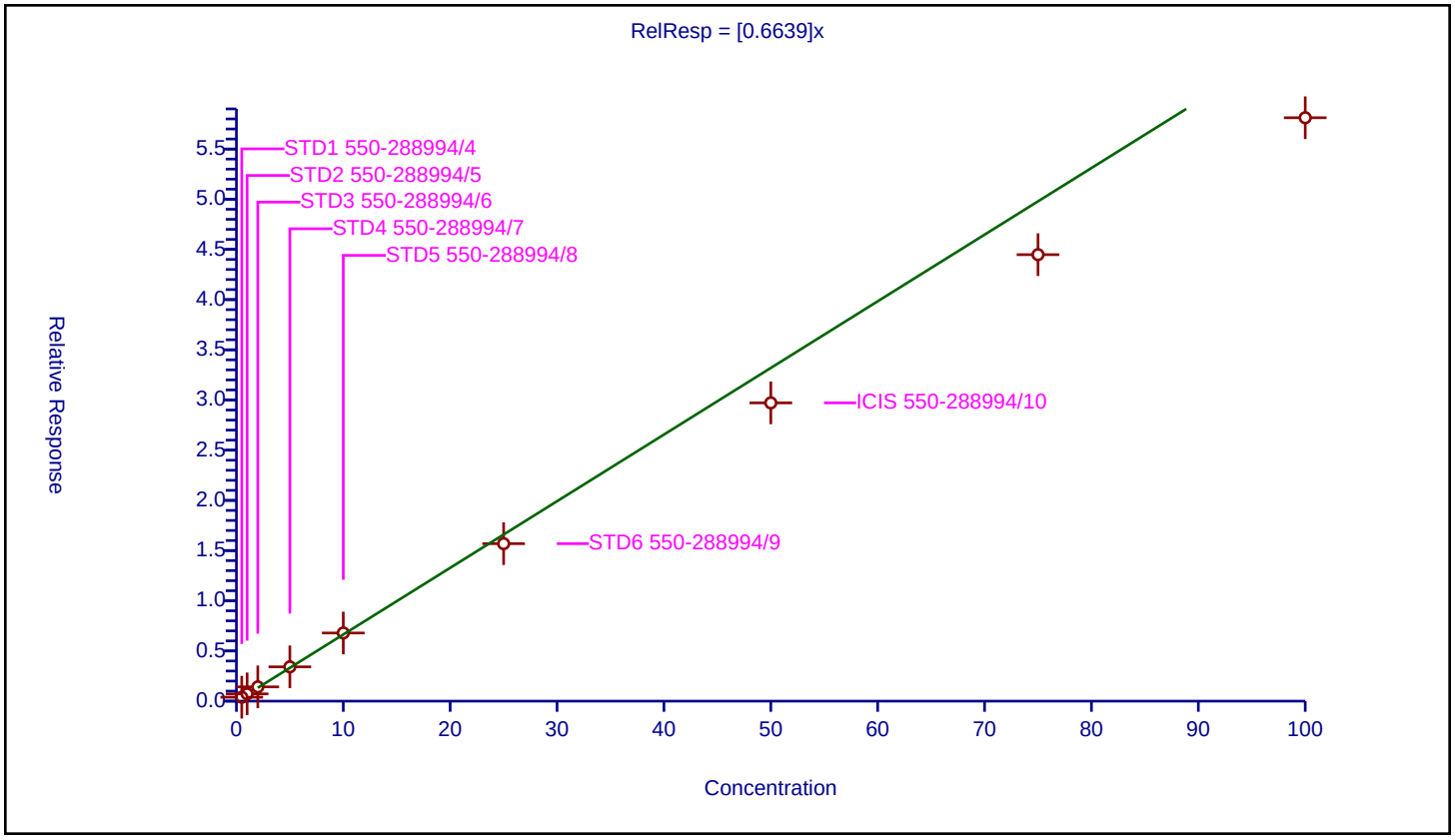
Curve Coefficients

Intercept:	0
Slope:	0.6639

Error Coefficients

Standard Error:	108000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.391788	25.0	68532.0	0.783576	Y
2	STD2 550-288994/5	1.0	0.722147	25.0	70692.0	0.722147	Y
3	STD3 550-288994/6	2.0	1.421453	25.0	66323.0	0.710726	Y
4	STD4 550-288994/7	5.0	3.416947	25.0	87944.0	0.683389	Y
5	STD5 550-288994/8	10.0	6.789394	25.0	93473.0	0.678939	Y
6	STD6 550-288994/9	25.0	15.687993	25.0	88402.0	0.62752	Y
7	ICIS 550-288994/10	50.0	29.712111	25.0	85710.0	0.594242	Y
8	STD8 550-288994/11	75.0	44.479606	25.0	95591.0	0.593061	Y
9	STD9 550-288994/12	100.0	58.12019	25.0	95632.0	0.581202	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

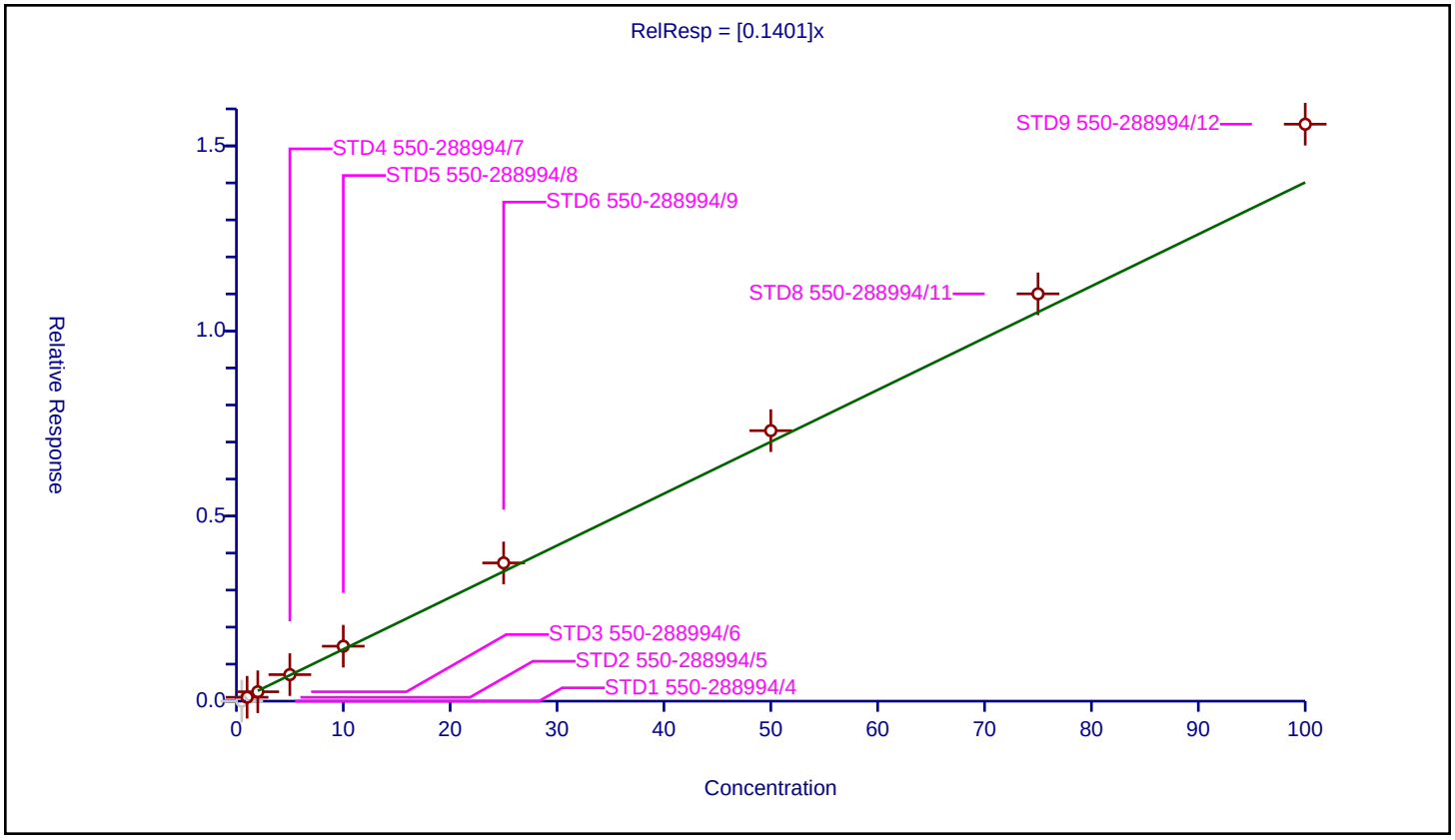
Curve Coefficients

Intercept:	0
Slope:	0.1401

Error Coefficients

Standard Error:	29700
Relative Standard Error:	11.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.104679	25.0	70692.0	0.104679	Y
3	STD3 550-288994/6	2.0	0.253306	25.0	66323.0	0.126653	Y
4	STD4 550-288994/7	5.0	0.716081	25.0	87944.0	0.143216	Y
5	STD5 550-288994/8	10.0	1.484386	25.0	93473.0	0.148439	Y
6	STD6 550-288994/9	25.0	3.734361	25.0	88402.0	0.149374	Y
7	ICIS 550-288994/10	50.0	7.307199	25.0	85710.0	0.146144	Y
8	STD8 550-288994/11	75.0	11.003651	25.0	95591.0	0.146715	Y
9	STD9 550-288994/12	100.0	15.586049	25.0	95632.0	0.15586	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

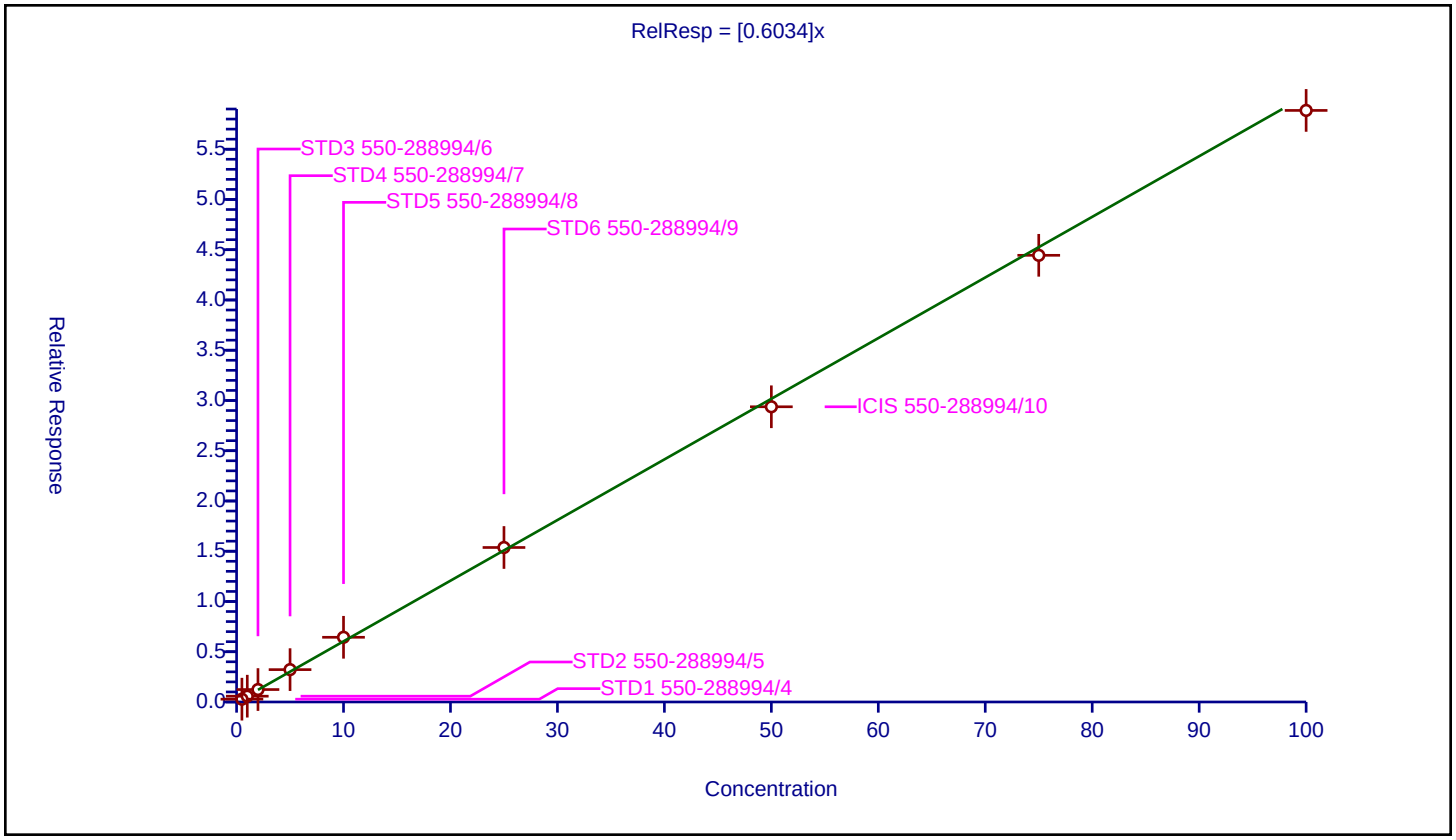
Curve Coefficients

Intercept:	0
Slope:	0.6034

Error Coefficients

Standard Error:	108000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.280891	25.0	68532.0	0.561781	Y
2	STD2 550-288994/5	1.0	0.578213	25.0	70692.0	0.578213	Y
3	STD3 550-288994/6	2.0	1.238635	25.0	66323.0	0.619318	Y
4	STD4 550-288994/7	5.0	3.219094	25.0	87944.0	0.643819	Y
5	STD5 550-288994/8	10.0	6.43849	25.0	93473.0	0.643849	Y
6	STD6 550-288994/9	25.0	15.370693	25.0	88402.0	0.614828	Y
7	ICIS 550-288994/10	50.0	29.373469	25.0	85710.0	0.587469	Y
8	STD8 550-288994/11	75.0	44.444038	25.0	95591.0	0.592587	Y
9	STD9 550-288994/12	100.0	58.860266	25.0	95632.0	0.588603	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

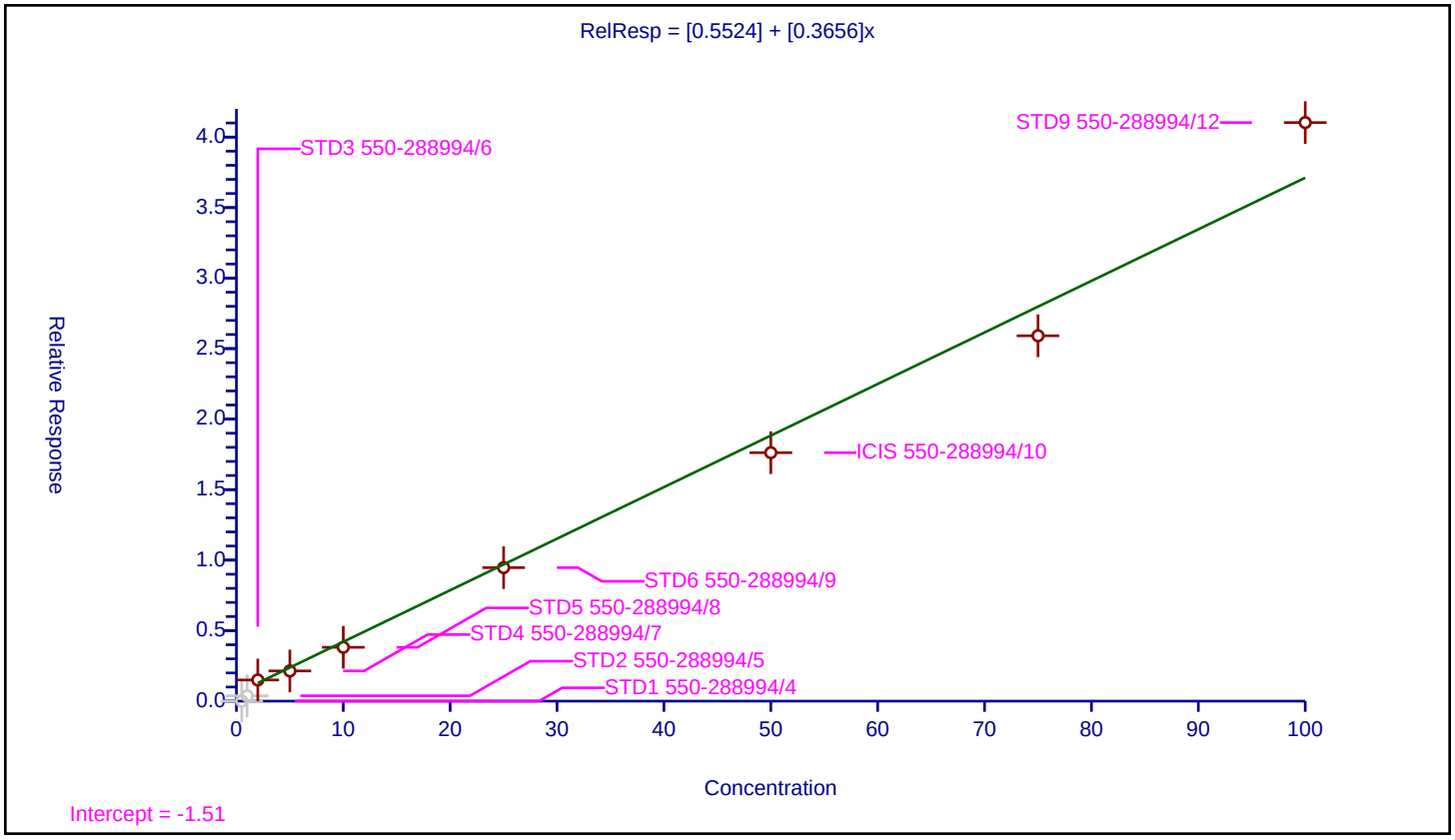
Curve Coefficients

Intercept:	0.5524
Slope:	0.3656

Error Coefficients

Standard Error:	88900
Relative Standard Error:	16.7
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.379817	25.0	70692.0	0.379817	N
3	STD3 550-288994/6	2.0	1.500611	25.0	66323.0	0.750305	Y
4	STD4 550-288994/7	5.0	2.141704	25.0	87944.0	0.428341	Y
5	STD5 550-288994/8	10.0	3.817947	25.0	93473.0	0.381795	Y
6	STD6 550-288994/9	25.0	9.467546	25.0	88402.0	0.378702	Y
7	ICIS 550-288994/10	50.0	17.619298	25.0	85710.0	0.352386	Y
8	STD8 550-288994/11	75.0	25.91222	25.0	95591.0	0.345496	Y
9	STD9 550-288994/12	100.0	41.029938	25.0	95632.0	0.410299	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

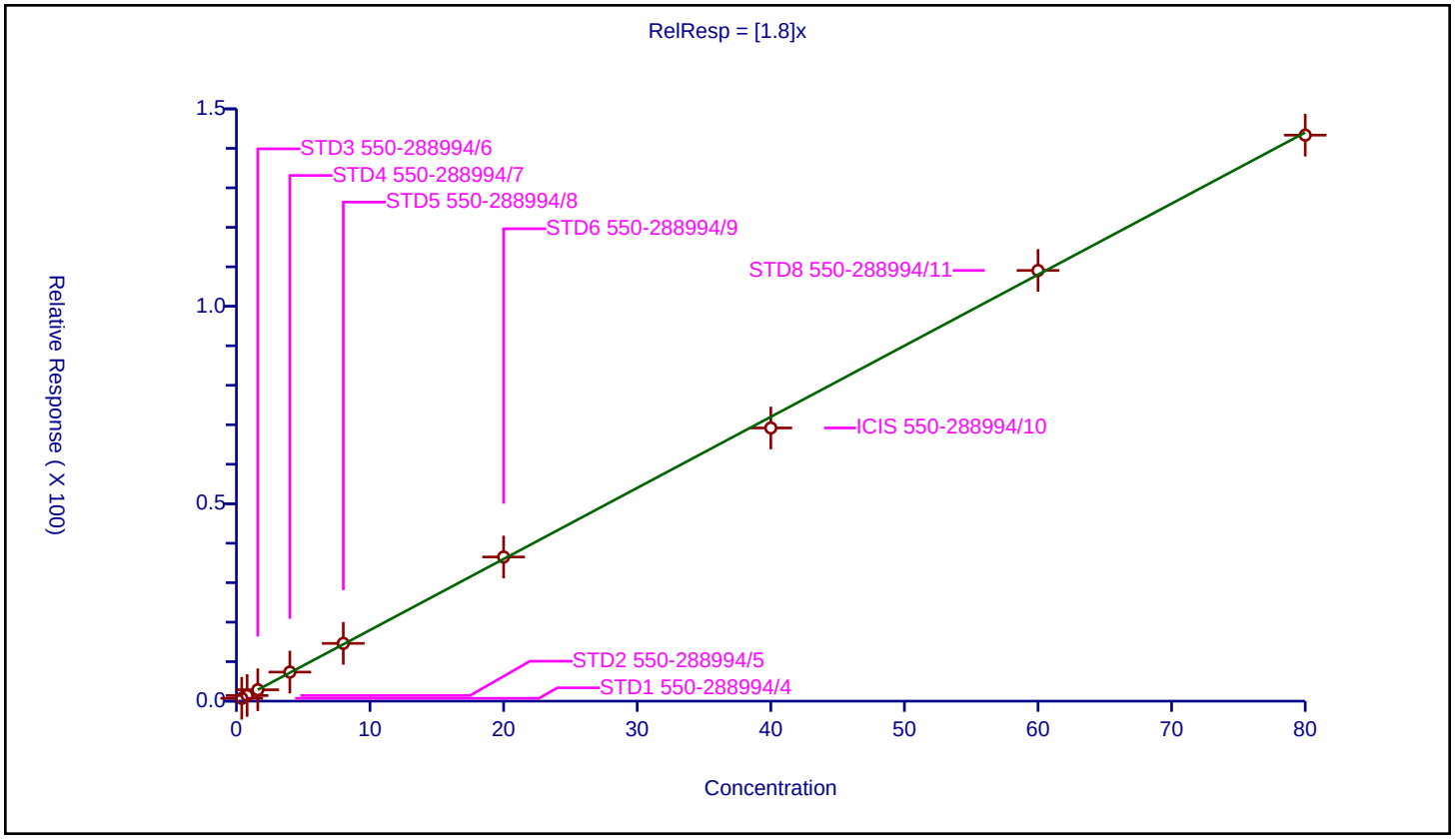
Curve Coefficients

Intercept:	0
Slope:	1.8

Error Coefficients

Standard Error:	262000
Relative Standard Error:	1.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.716089	25.0	68532.0	1.790222	Y
2	STD2 550-288994/5	0.8	1.419185	25.0	70692.0	1.773981	Y
3	STD3 550-288994/6	1.6	2.886254	25.0	66323.0	1.803909	Y
4	STD4 550-288994/7	4.0	7.364061	25.0	87944.0	1.841015	Y
5	STD5 550-288994/8	8.0	14.625346	25.0	93473.0	1.828168	Y
6	STD6 550-288994/9	20.0	36.508224	25.0	88402.0	1.825411	Y
7	ICIS 550-288994/10	40.0	69.186793	25.0	85710.0	1.72967	Y
8	STD8 550-288994/11	60.0	109.078522	25.0	95591.0	1.817975	Y
9	STD9 550-288994/12	80.0	143.345847	25.0	95632.0	1.791823	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

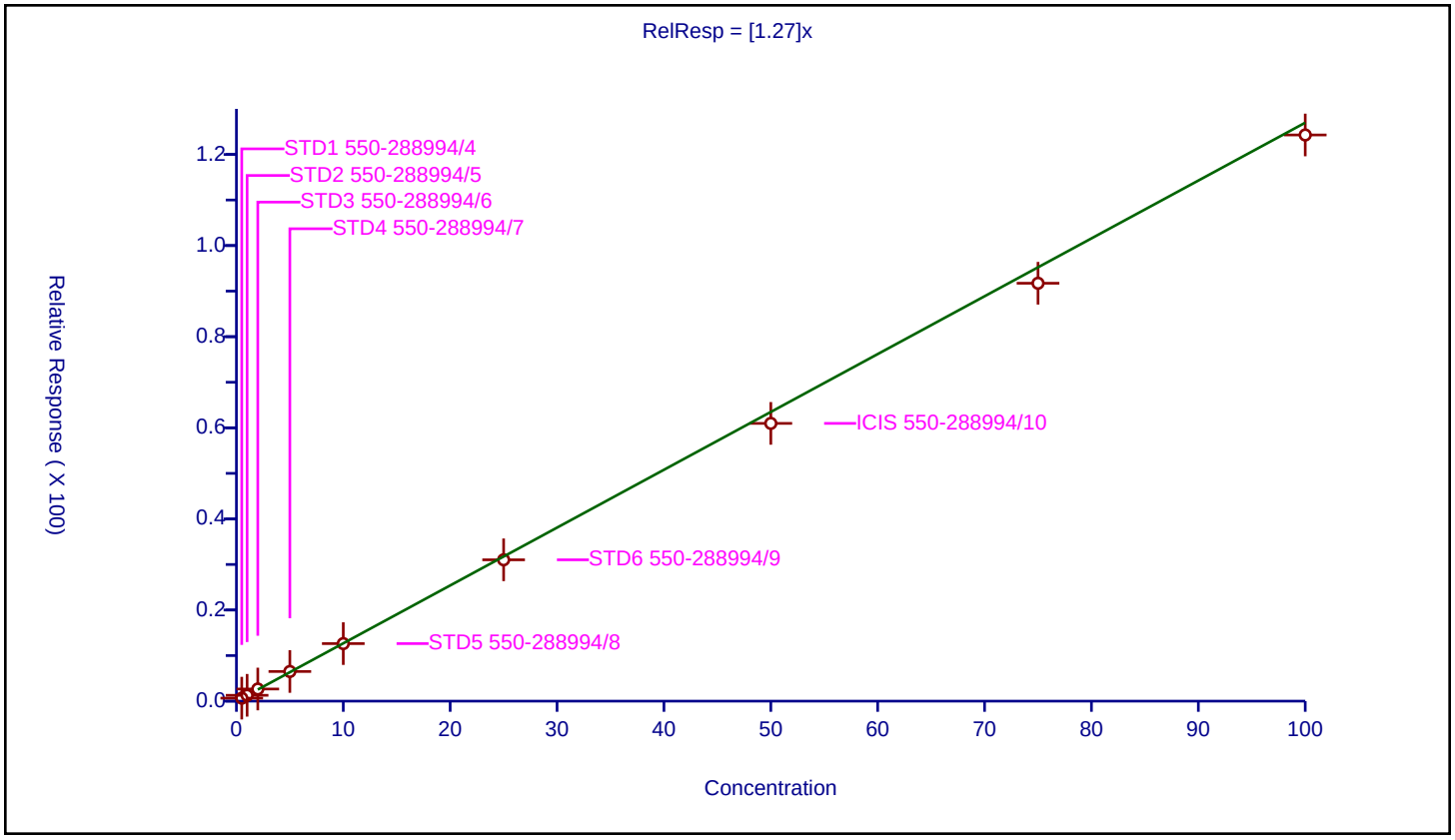
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Standard Error:	226000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.659181	25.0	68532.0	1.318362	Y
2	STD2 550-288994/5	1.0	1.285506	25.0	70692.0	1.285506	Y
3	STD3 550-288994/6	2.0	2.66348	25.0	66323.0	1.33174	Y
4	STD4 550-288994/7	5.0	6.507835	25.0	87944.0	1.301567	Y
5	STD5 550-288994/8	10.0	12.633595	25.0	93473.0	1.263359	Y
6	STD6 550-288994/9	25.0	31.024751	25.0	88402.0	1.24099	Y
7	ICIS 550-288994/10	50.0	60.96984	25.0	85710.0	1.219397	Y
8	STD8 550-288994/11	75.0	91.727516	25.0	95591.0	1.223034	Y
9	STD9 550-288994/12	100.0	124.276654	25.0	95632.0	1.242767	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

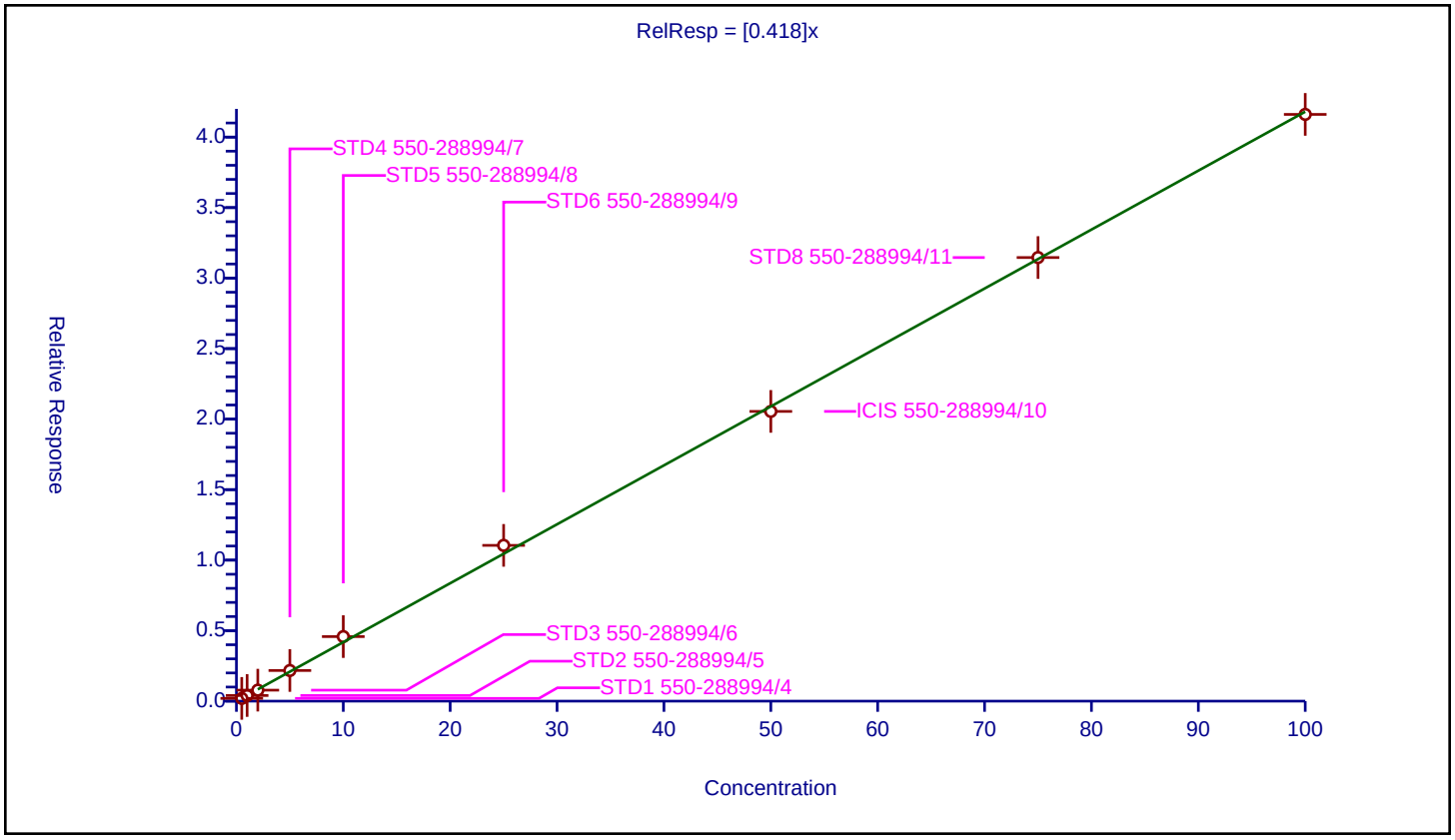
Curve Coefficients

Intercept:	0
Slope:	0.418

Error Coefficients

Standard Error:	76300
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.195894	25.0	68532.0	0.391788	Y
2	STD2 550-288994/5	1.0	0.399621	25.0	70692.0	0.399621	Y
3	STD3 550-288994/6	2.0	0.779895	25.0	66323.0	0.389948	Y
4	STD4 550-288994/7	5.0	2.172405	25.0	87944.0	0.434481	Y
5	STD5 550-288994/8	10.0	4.577793	25.0	93473.0	0.457779	Y
6	STD6 550-288994/9	25.0	11.04613	25.0	88402.0	0.441845	Y
7	ICIS 550-288994/10	50.0	20.546319	25.0	85710.0	0.410926	Y
8	STD8 550-288994/11	75.0	31.458767	25.0	95591.0	0.41945	Y
9	STD9 550-288994/12	100.0	41.608719	25.0	95632.0	0.416087	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

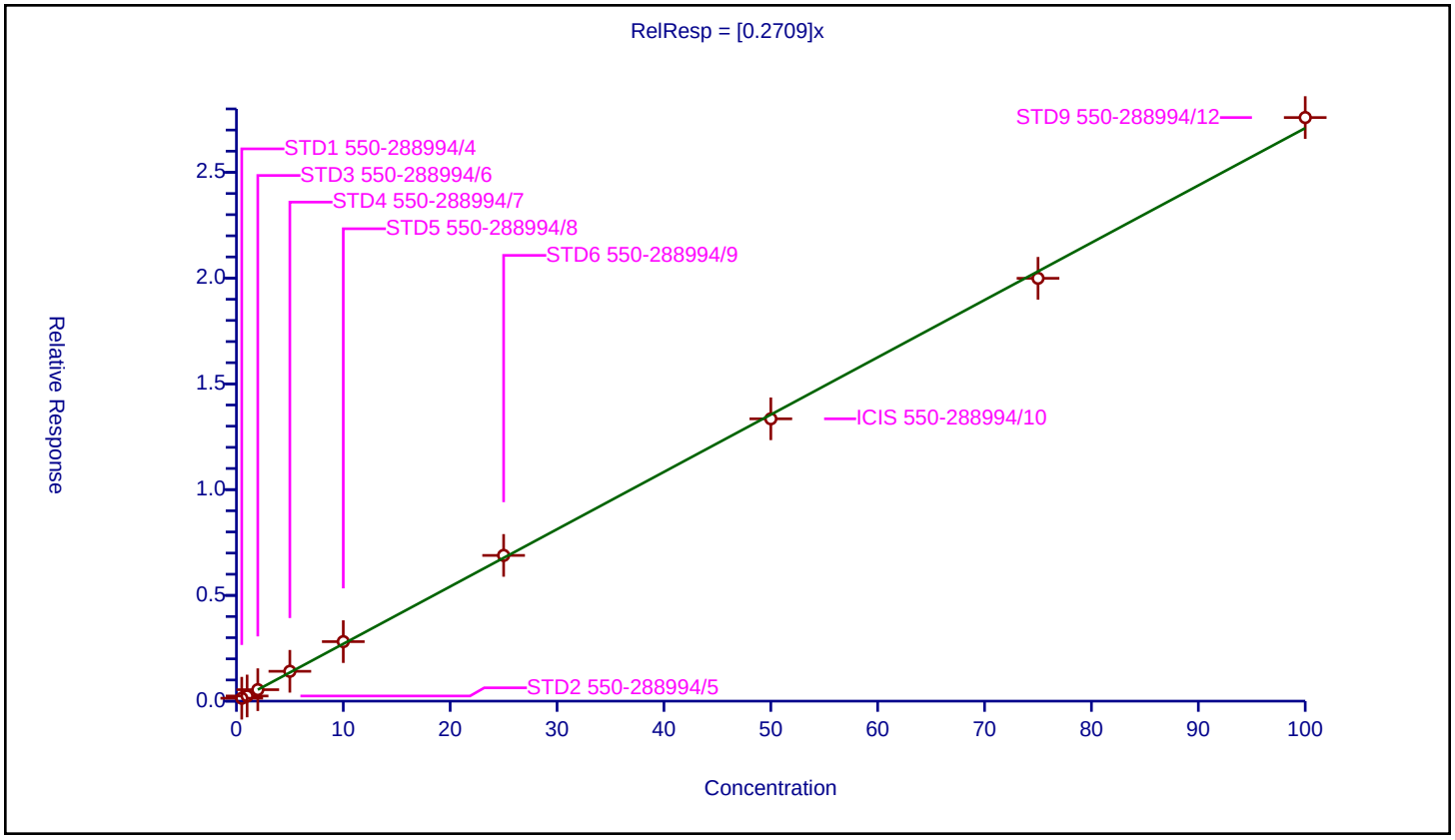
Curve Coefficients

Intercept:	0
Slope:	0.2709

Error Coefficients

Standard Error:	49700
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.137527	25.0	68532.0	0.275054	Y
2	STD2 550-288994/5	1.0	0.243309	25.0	70692.0	0.243309	Y
3	STD3 550-288994/6	2.0	0.542421	25.0	66323.0	0.271211	Y
4	STD4 550-288994/7	5.0	1.411125	25.0	87944.0	0.282225	Y
5	STD5 550-288994/8	10.0	2.813647	25.0	93473.0	0.281365	Y
6	STD6 550-288994/9	25.0	6.889833	25.0	88402.0	0.275593	Y
7	ICIS 550-288994/10	50.0	13.347626	25.0	85710.0	0.266953	Y
8	STD8 550-288994/11	75.0	19.99116	25.0	95591.0	0.266549	Y
9	STD9 550-288994/12	100.0	27.590399	25.0	95632.0	0.275904	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

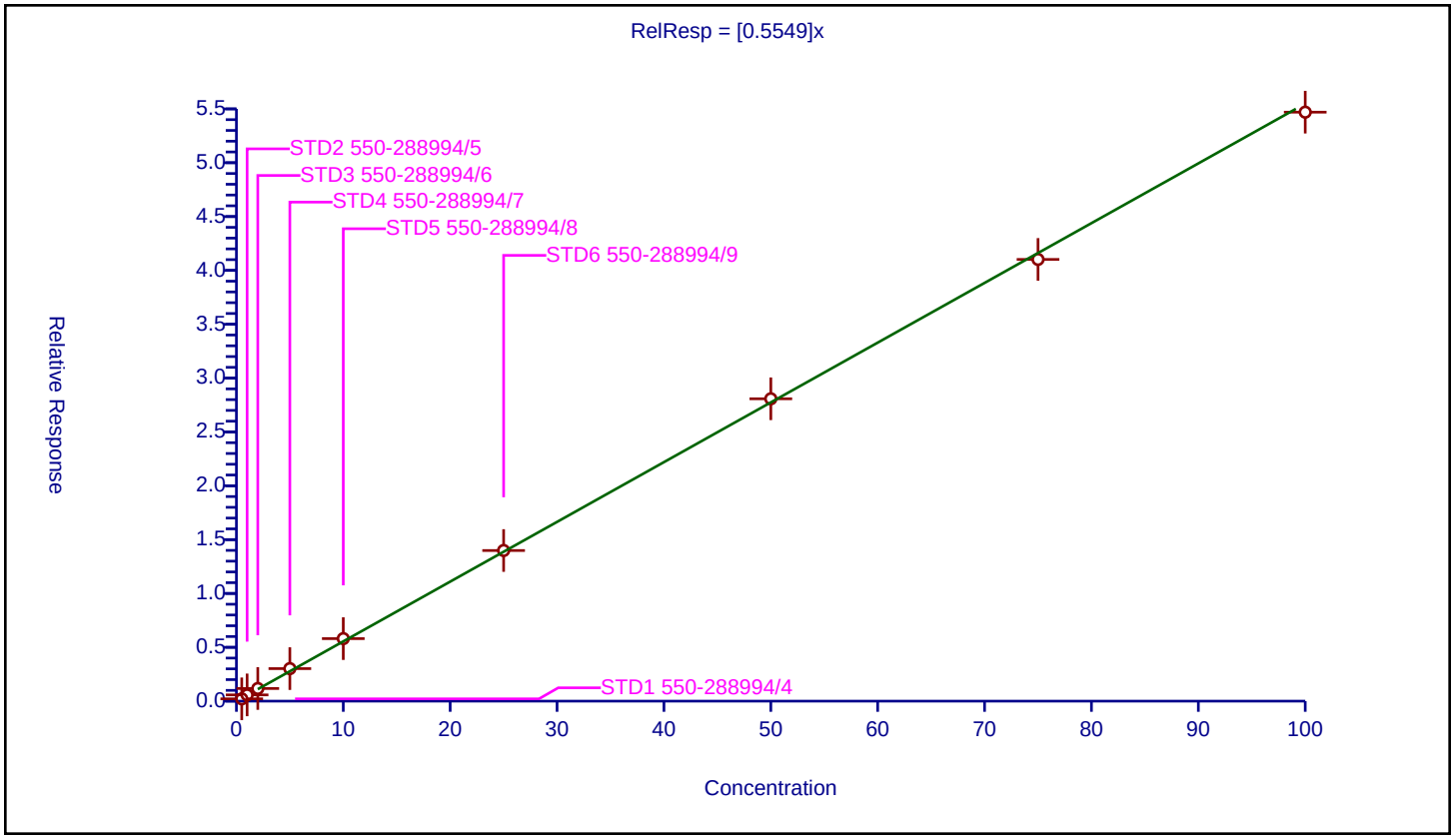
Curve Coefficients

Intercept:	0
Slope:	0.5549

Error Coefficients

Standard Error:	100000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.213769	25.0	68532.0	0.427538	Y
2	STD2 550-288994/5	1.0	0.57892	25.0	70692.0	0.57892	Y
3	STD3 550-288994/6	2.0	1.174178	25.0	66323.0	0.587089	Y
4	STD4 550-288994/7	5.0	3.022378	25.0	87944.0	0.604476	Y
5	STD5 550-288994/8	10.0	5.80649	25.0	93473.0	0.580649	Y
6	STD6 550-288994/9	25.0	13.98922	25.0	88402.0	0.559569	Y
7	ICIS 550-288994/10	50.0	28.078404	25.0	85710.0	0.561568	Y
8	STD8 550-288994/11	75.0	41.020075	25.0	95591.0	0.546934	Y
9	STD9 550-288994/12	100.0	54.696388	25.0	95632.0	0.546964	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

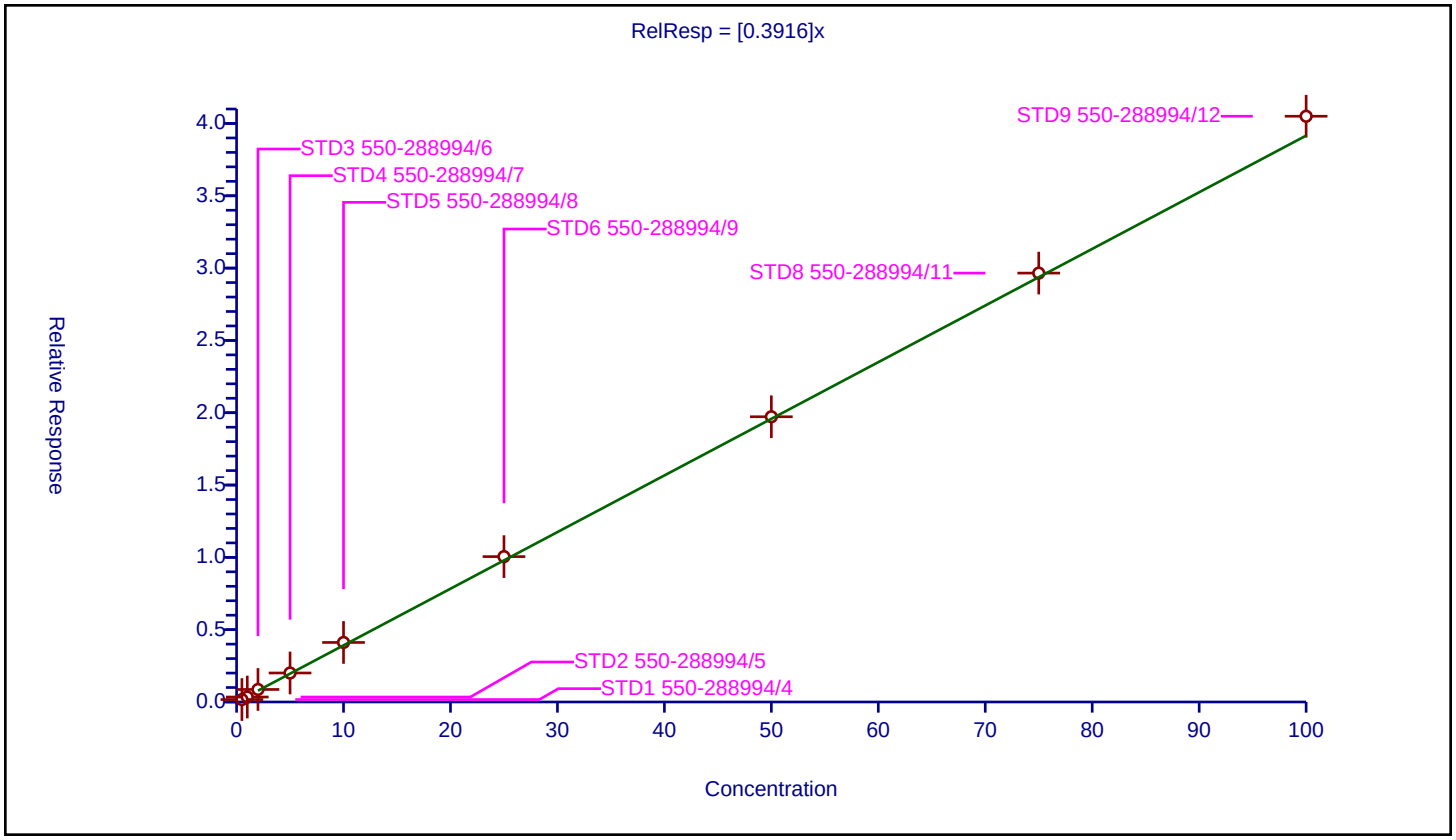
Curve Coefficients

Intercept:	0
Slope:	0.3916

Error Coefficients

Standard Error:	73300
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.168899	25.0	68532.0	0.337798	Y
2	STD2 550-288994/5	1.0	0.344452	25.0	70692.0	0.344452	Y
3	STD3 550-288994/6	2.0	0.865085	25.0	66323.0	0.432542	Y
4	STD4 550-288994/7	5.0	2.005253	25.0	87944.0	0.401051	Y
5	STD5 550-288994/8	10.0	4.116162	25.0	93473.0	0.411616	Y
6	STD6 550-288994/9	25.0	10.05096	25.0	88402.0	0.402038	Y
7	ICIS 550-288994/10	50.0	19.721736	25.0	85710.0	0.394435	Y
8	STD8 550-288994/11	75.0	29.654988	25.0	95591.0	0.3954	Y
9	STD9 550-288994/12	100.0	40.500565	25.0	95632.0	0.405006	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

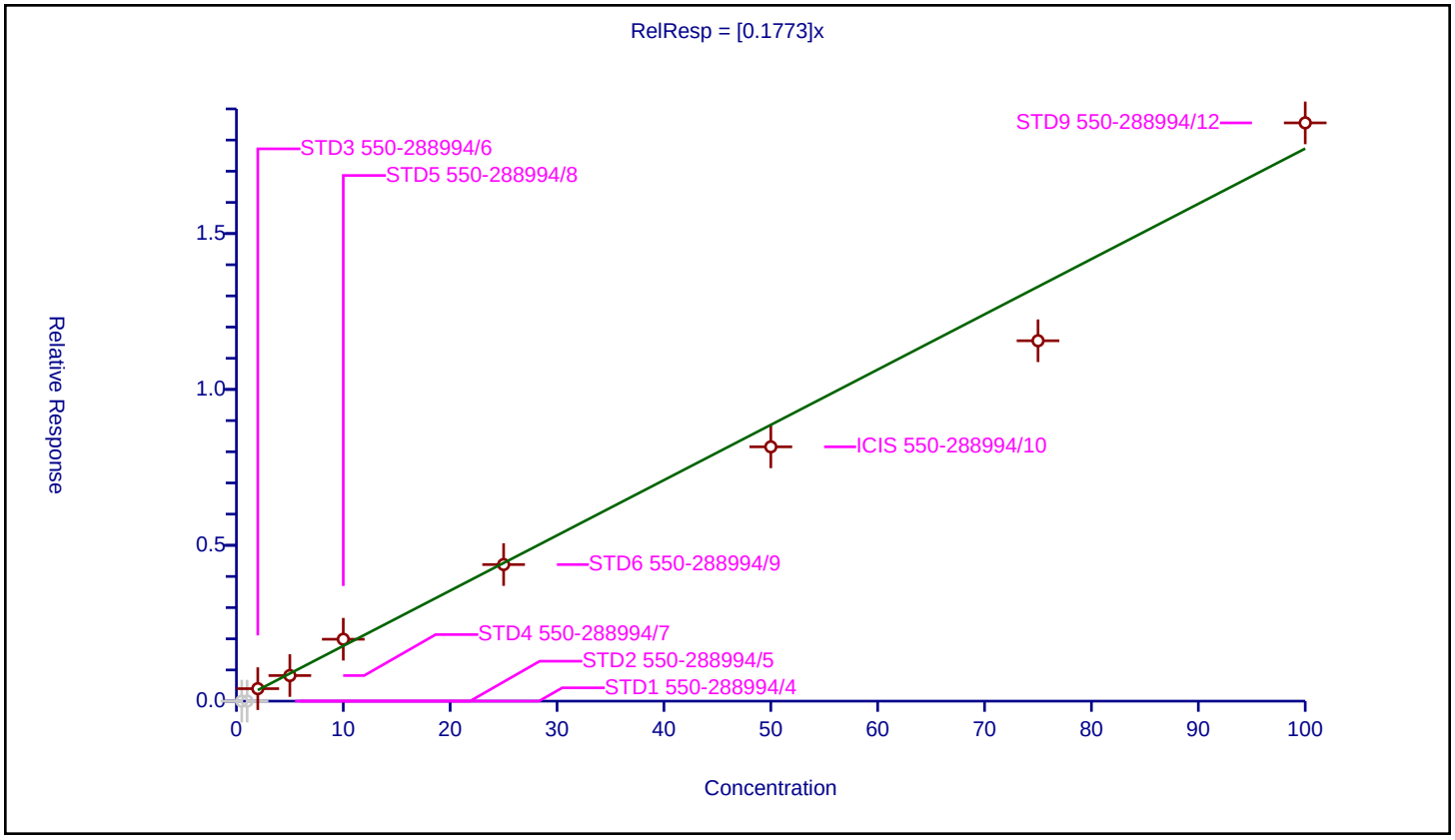
Curve Coefficients

Intercept:	0
Slope:	0.1773

Error Coefficients

Standard Error:	36700
Relative Standard Error:	10.2
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.399937	25.0	66323.0	0.199968	Y
4	STD4 550-288994/7	5.0	0.820977	25.0	87944.0	0.164195	Y
5	STD5 550-288994/8	10.0	1.985868	25.0	93473.0	0.198587	Y
6	STD6 550-288994/9	25.0	4.381971	25.0	88402.0	0.175279	Y
7	ICIS 550-288994/10	50.0	8.158616	25.0	85710.0	0.163172	Y
8	STD8 550-288994/11	75.0	11.561758	25.0	95591.0	0.154157	Y
9	STD9 550-288994/12	100.0	18.551322	25.0	95632.0	0.185513	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

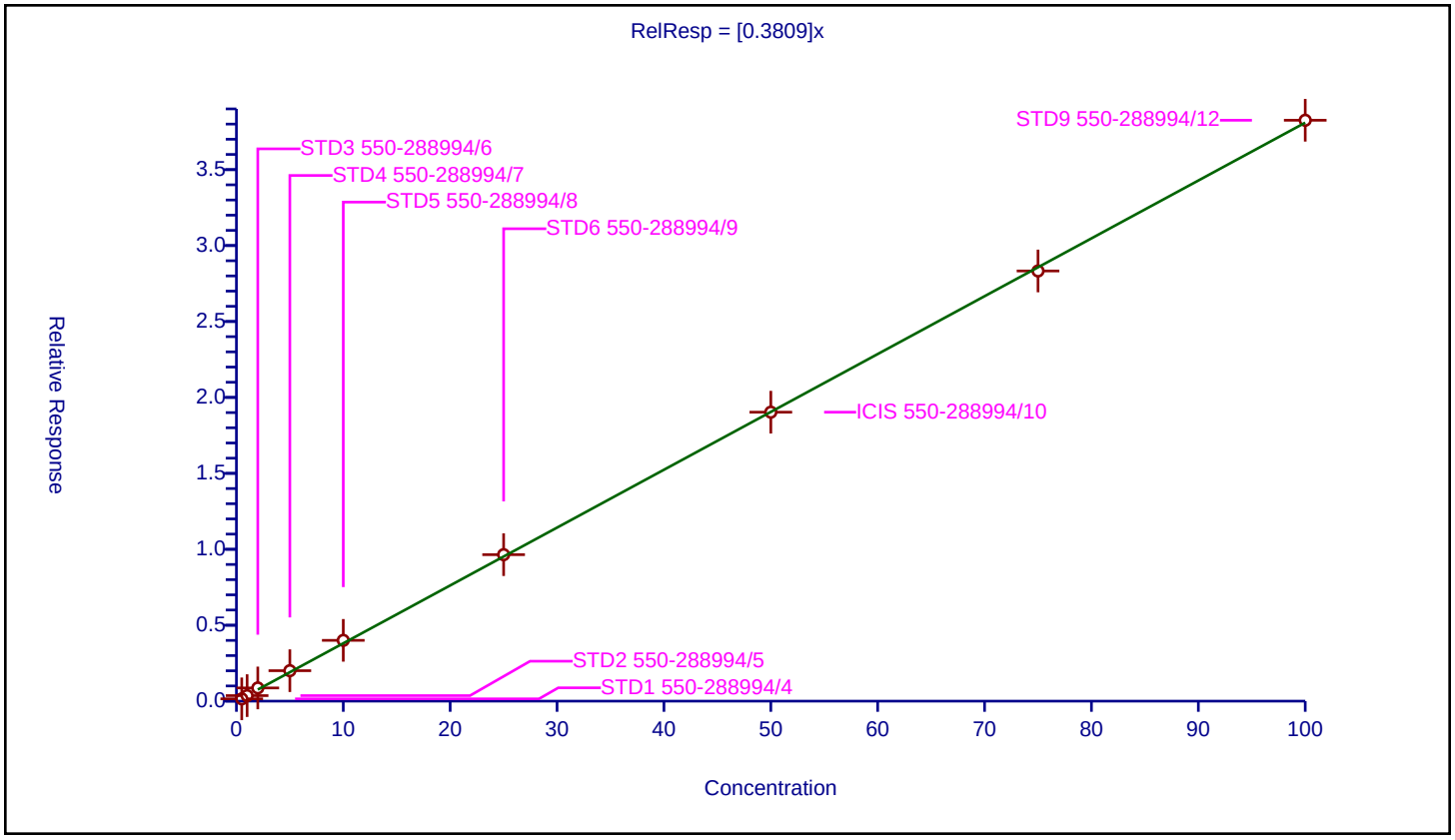
Curve Coefficients

Intercept:	0
Slope:	0.3809

Error Coefficients

Standard Error:	69700
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.151024	25.0	68532.0	0.302049	Y
2	STD2 550-288994/5	1.0	0.363903	25.0	70692.0	0.363903	Y
3	STD3 550-288994/6	2.0	0.868477	25.0	66323.0	0.434238	Y
4	STD4 550-288994/7	5.0	2.006106	25.0	87944.0	0.401221	Y
5	STD5 550-288994/8	10.0	4.002493	25.0	93473.0	0.400249	Y
6	STD6 550-288994/9	25.0	9.645427	25.0	88402.0	0.385817	Y
7	ICIS 550-288994/10	50.0	19.028701	25.0	85710.0	0.380574	Y
8	STD8 550-288994/11	75.0	28.326935	25.0	95591.0	0.377692	Y
9	STD9 550-288994/12	100.0	38.250533	25.0	95632.0	0.382505	Y



Calibration / Ethylene Dibromide

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

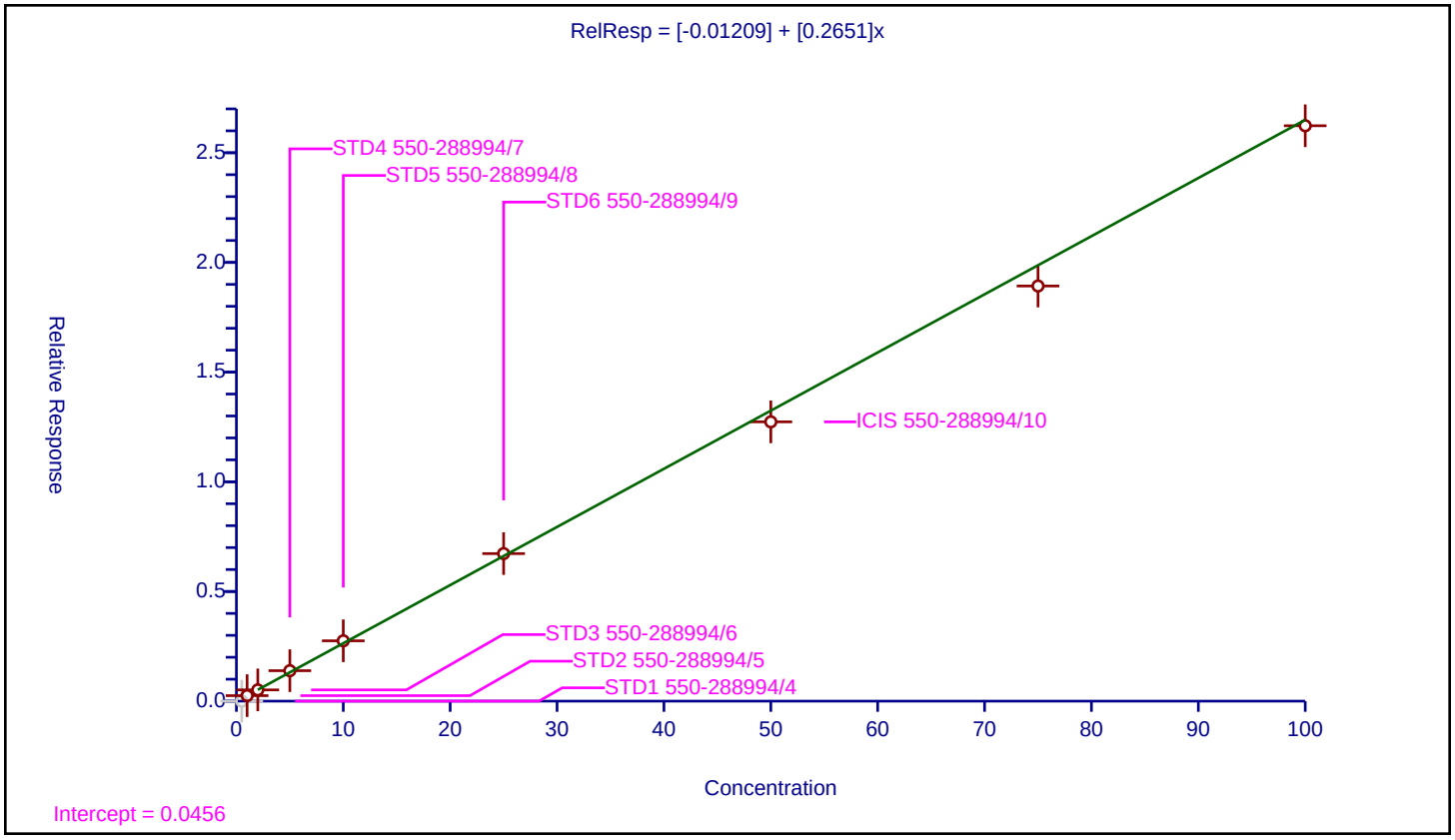
Curve Coefficients

Intercept:	-0.01209
Slope:	0.2651

Error Coefficients

Standard Error:	54600
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.250382	25.0	70692.0	0.250382	Y
3	STD3 550-288994/6	2.0	0.51302	25.0	66323.0	0.25651	Y
4	STD4 550-288994/7	5.0	1.388952	25.0	87944.0	0.27779	Y
5	STD5 550-288994/8	10.0	2.750527	25.0	93473.0	0.275053	Y
6	STD6 550-288994/9	25.0	6.725809	25.0	88402.0	0.269032	Y
7	ICIS 550-288994/10	50.0	12.733053	25.0	85710.0	0.254661	Y
8	STD8 550-288994/11	75.0	18.925422	25.0	95591.0	0.252339	Y
9	STD9 550-288994/12	100.0	26.231021	25.0	95632.0	0.26231	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

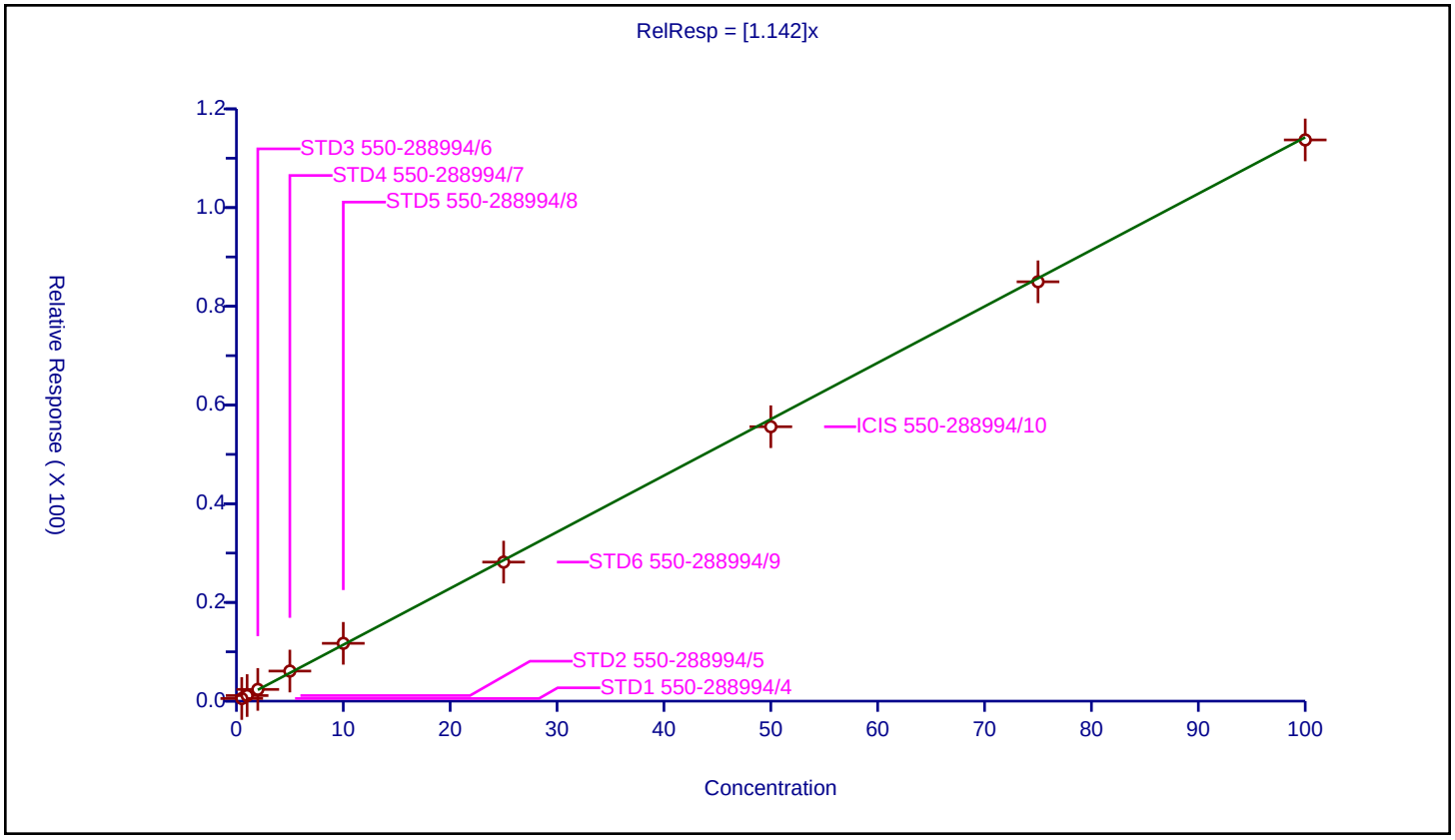
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	207000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.531139	25.0	68532.0	1.062277	Y
2	STD2 550-288994/5	1.0	1.13167	25.0	70692.0	1.13167	Y
3	STD3 550-288994/6	2.0	2.375496	25.0	66323.0	1.187748	Y
4	STD4 550-288994/7	5.0	6.097915	25.0	87944.0	1.219583	Y
5	STD5 550-288994/8	10.0	11.71381	25.0	93473.0	1.171381	Y
6	STD6 550-288994/9	25.0	28.172722	25.0	88402.0	1.126909	Y
7	ICIS 550-288994/10	50.0	55.603197	25.0	85710.0	1.112064	Y
8	STD8 550-288994/11	75.0	84.972696	25.0	95591.0	1.132969	Y
9	STD9 550-288994/12	100.0	113.714813	25.0	95632.0	1.137148	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

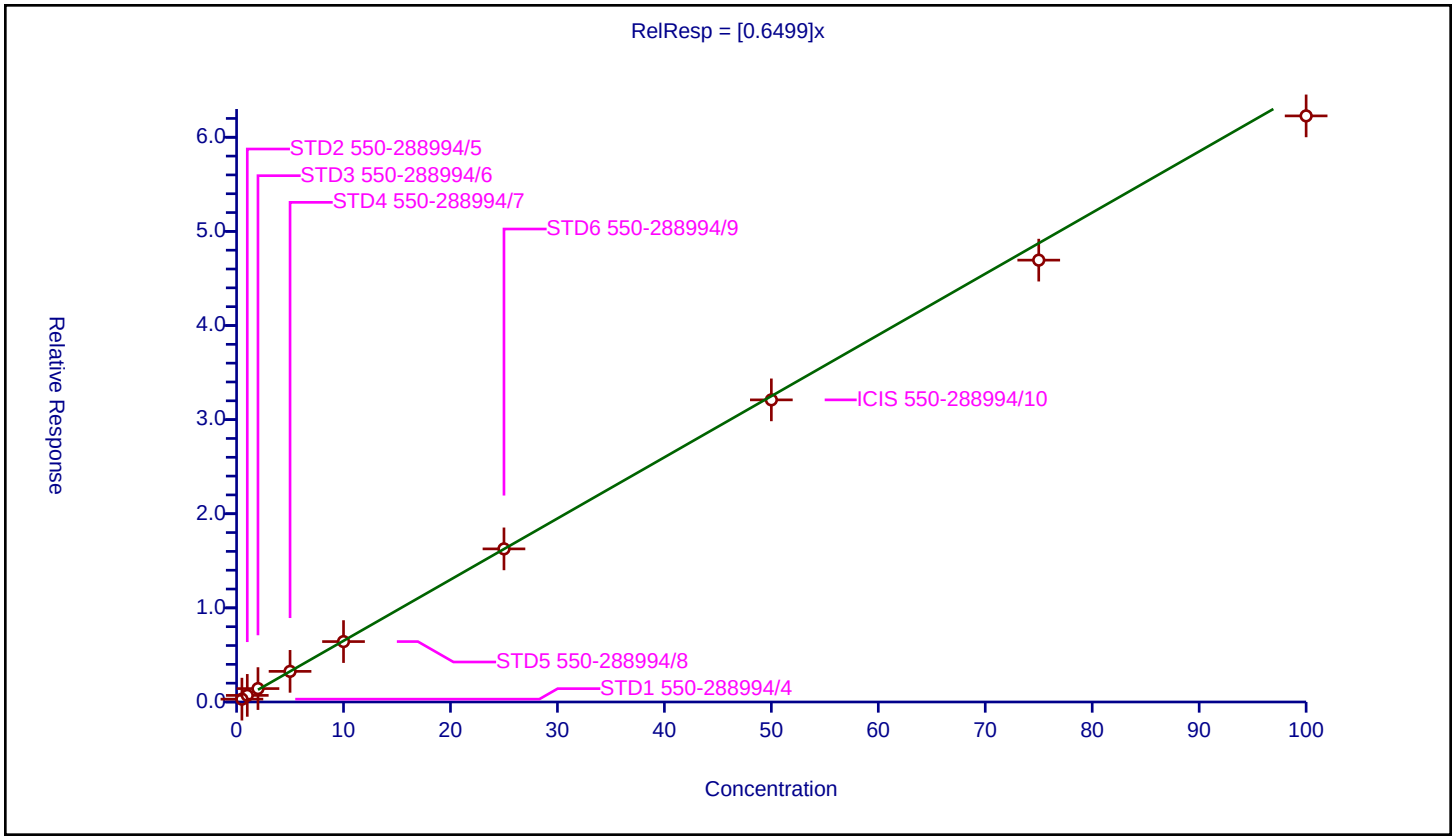
Curve Coefficients

Intercept:	0
Slope:	0.6499

Error Coefficients

Standard Error:	115000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.300954	25.0	68532.0	0.601909	Y
2	STD2 550-288994/5	1.0	0.701989	25.0	70692.0	0.701989	Y
3	STD3 550-288994/6	2.0	1.422583	25.0	66323.0	0.711292	Y
4	STD4 550-288994/7	5.0	3.254344	25.0	87944.0	0.650869	Y
5	STD5 550-288994/8	10.0	6.417361	25.0	93473.0	0.641736	Y
6	STD6 550-288994/9	25.0	16.267731	25.0	88402.0	0.650709	Y
7	ICIS 550-288994/10	50.0	32.097772	25.0	85710.0	0.641955	Y
8	STD8 550-288994/11	75.0	46.944273	25.0	95591.0	0.625924	Y
9	STD9 550-288994/12	100.0	62.270213	25.0	95632.0	0.622702	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

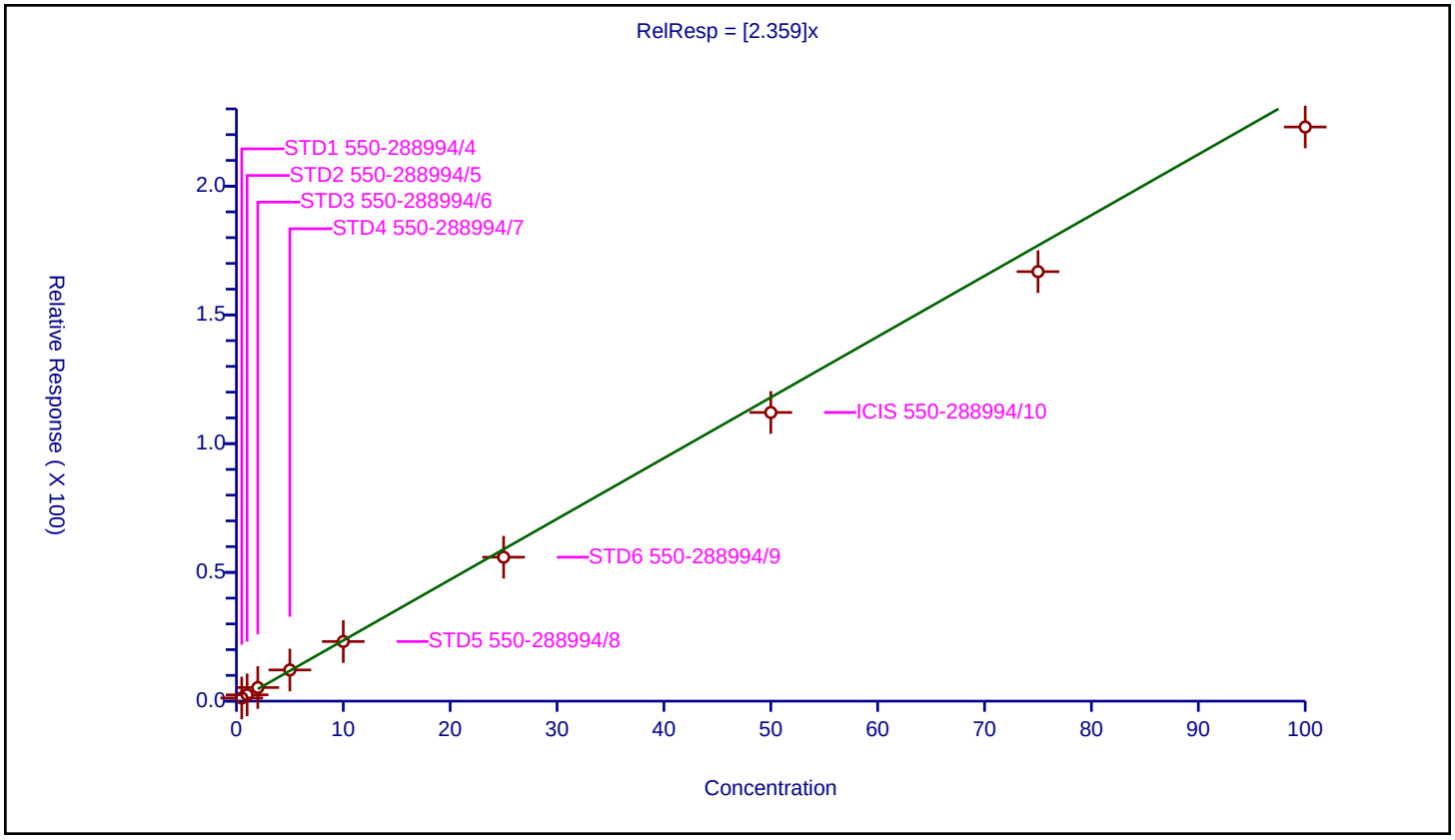
Curve Coefficients

Intercept:	0
Slope:	2.359

Error Coefficients

Standard Error:	408000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.237378	25.0	68532.0	2.474756	Y
2	STD2 550-288994/5	1.0	2.449358	25.0	70692.0	2.449358	Y
3	STD3 550-288994/6	2.0	5.276827	25.0	66323.0	2.638414	Y
4	STD4 550-288994/7	5.0	12.111685	25.0	87944.0	2.422337	Y
5	STD5 550-288994/8	10.0	23.153477	25.0	93473.0	2.315348	Y
6	STD6 550-288994/9	25.0	55.905409	25.0	88402.0	2.236216	Y
7	ICIS 550-288994/10	50.0	112.114981	25.0	85710.0	2.2423	Y
8	STD8 550-288994/11	75.0	166.789499	25.0	95591.0	2.22386	Y
9	STD9 550-288994/12	100.0	222.963286	25.0	95632.0	2.229633	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

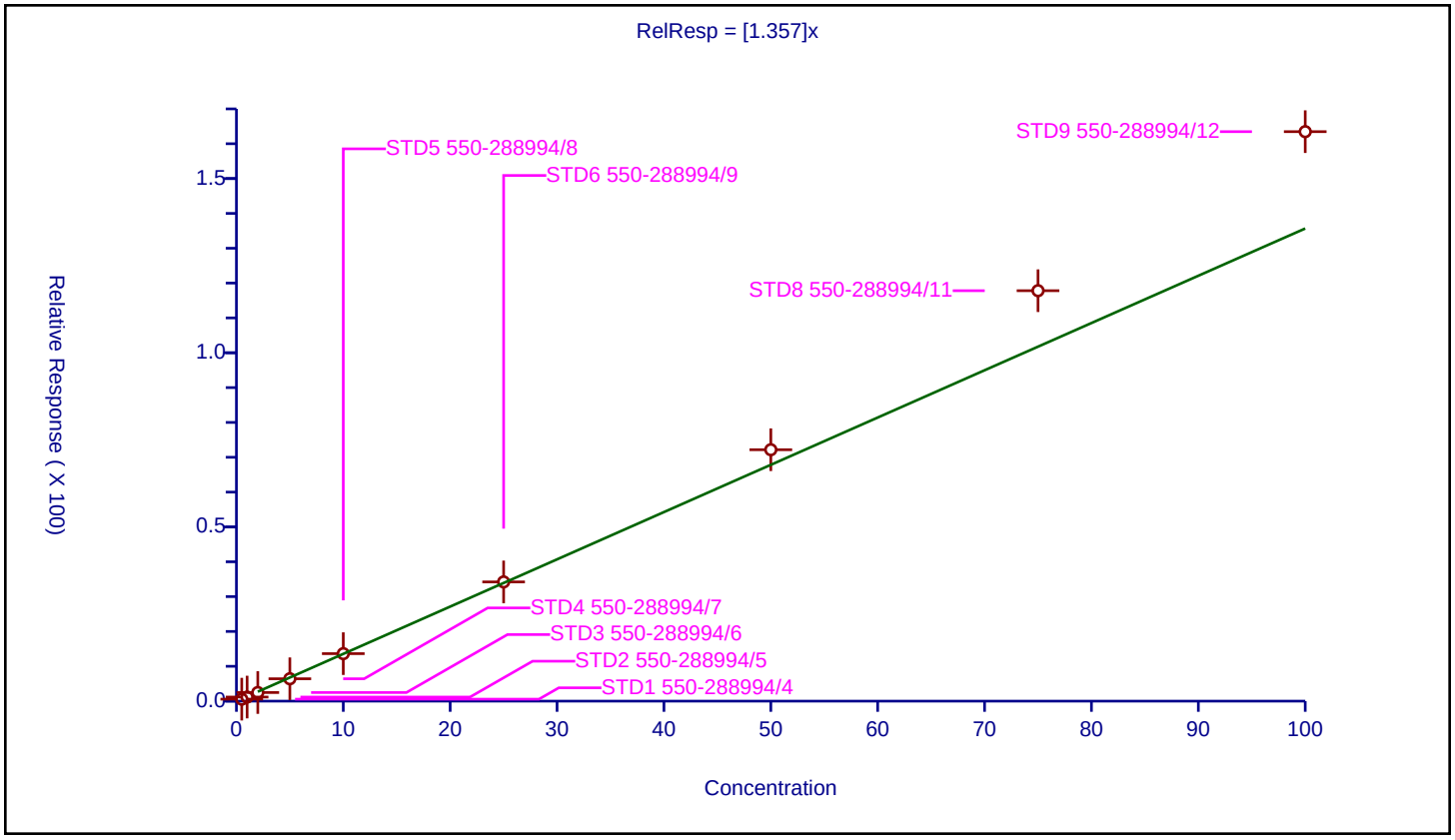
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	164000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.566533	25.0	54454.0	1.133066	Y
2	STD2 550-288994/5	1.0	1.172652	25.0	59310.0	1.172652	Y
3	STD3 550-288994/6	2.0	2.475767	25.0	55710.0	1.237884	Y
4	STD4 550-288994/7	5.0	6.427301	25.0	66342.0	1.28546	Y
5	STD5 550-288994/8	10.0	13.631474	25.0	65534.0	1.363147	Y
6	STD6 550-288994/9	25.0	34.22653	25.0	58787.0	1.369061	Y
7	ICIS 550-288994/10	50.0	72.168998	25.0	53965.0	1.44338	Y
8	STD8 550-288994/11	75.0	117.817601	25.0	54644.0	1.570901	Y
9	STD9 550-288994/12	100.0	163.466604	25.0	52387.0	1.634666	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

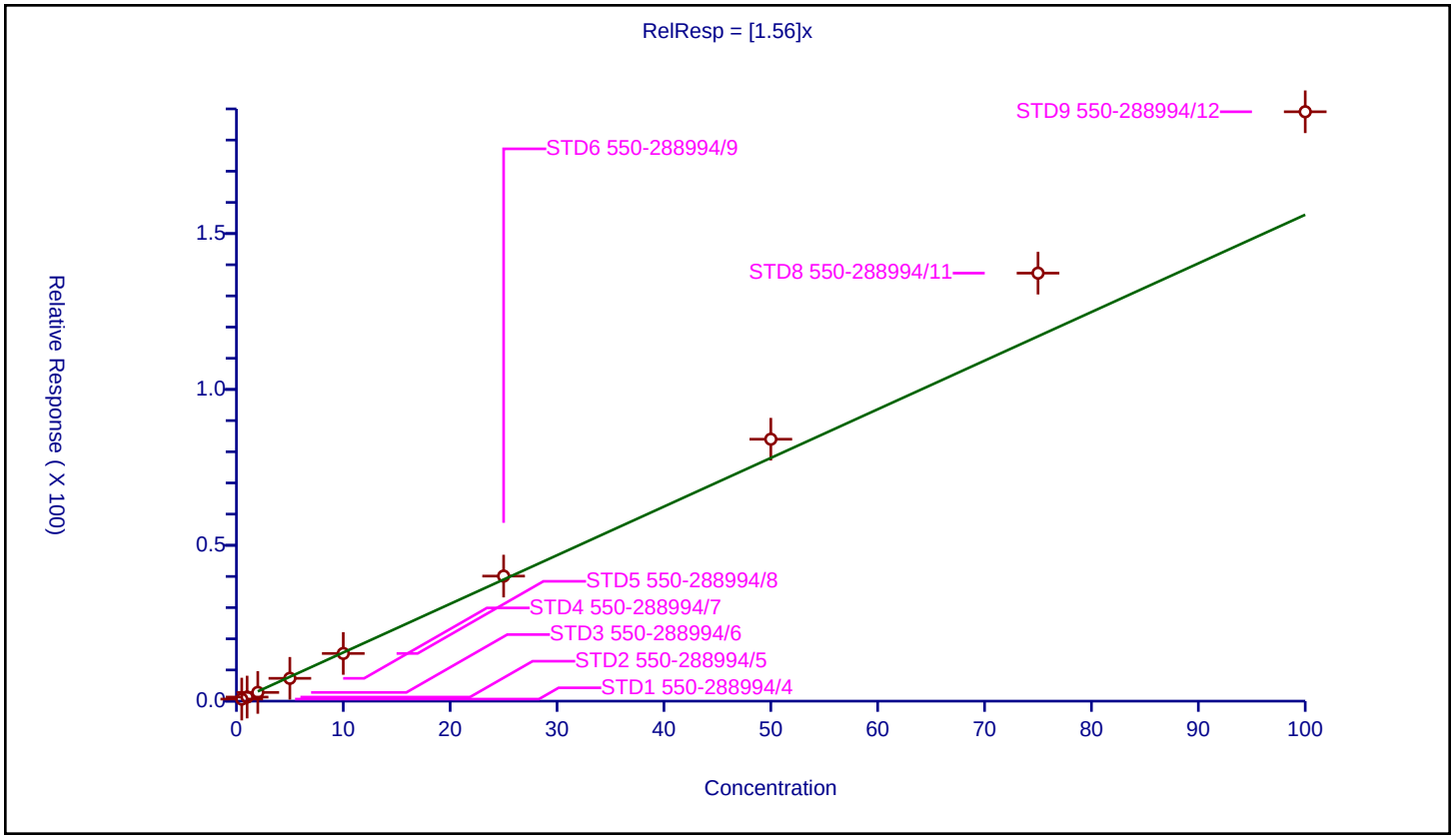
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Standard Error:	191000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.665699	25.0	54454.0	1.331399	Y
2	STD2 550-288994/5	1.0	1.310909	25.0	59310.0	1.310909	Y
3	STD3 550-288994/6	2.0	2.799767	25.0	55710.0	1.399883	Y
4	STD4 550-288994/7	5.0	7.322285	25.0	66342.0	1.464457	Y
5	STD5 550-288994/8	10.0	15.301218	25.0	65534.0	1.530122	Y
6	STD6 550-288994/9	25.0	40.116863	25.0	58787.0	1.604675	Y
7	ICIS 550-288994/10	50.0	84.032243	25.0	53965.0	1.680645	Y
8	STD8 550-288994/11	75.0	137.306932	25.0	54644.0	1.830759	Y
9	STD9 550-288994/12	100.0	189.078875	25.0	52387.0	1.890789	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

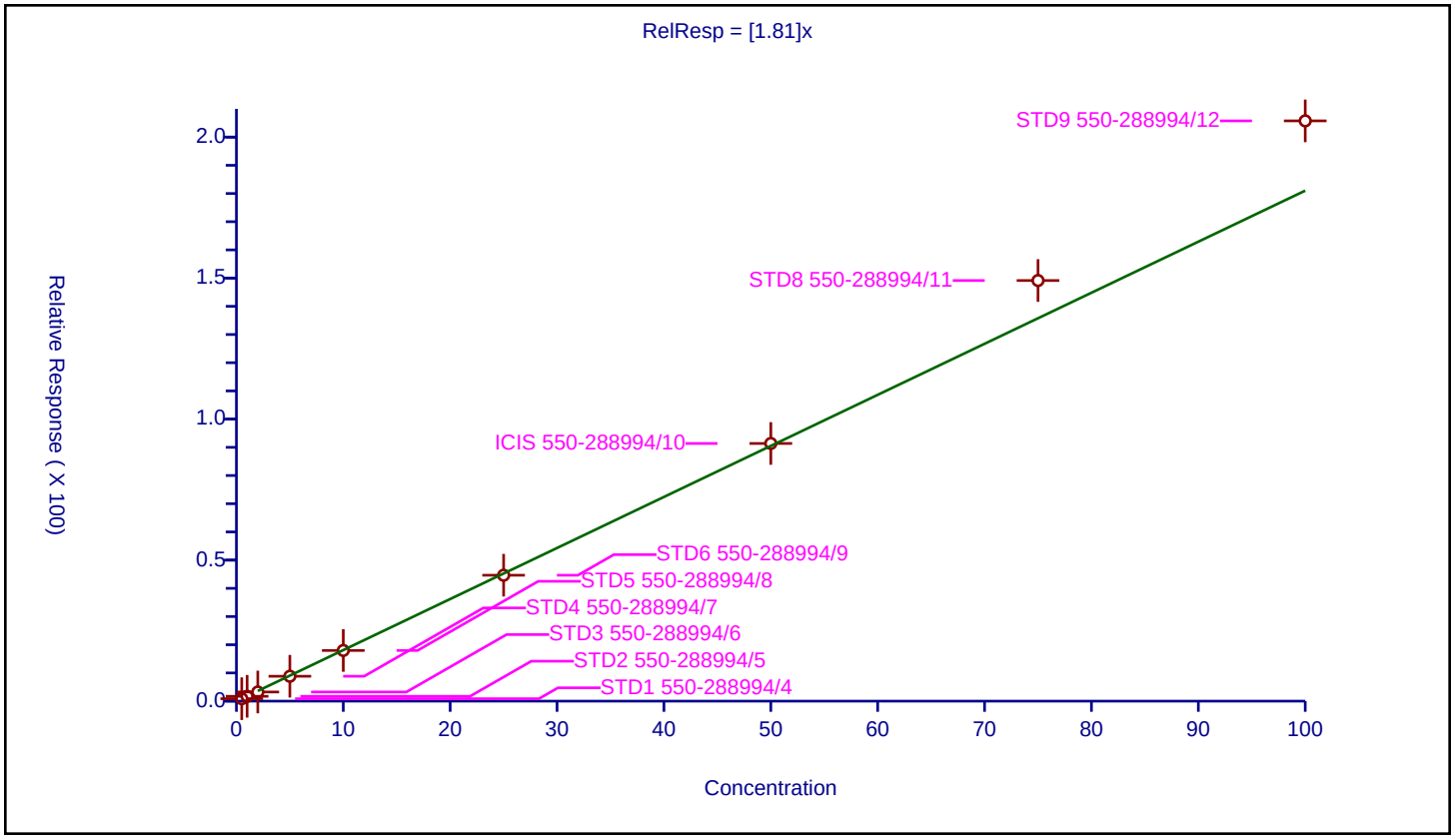
Curve Coefficients

Intercept:	0
Slope:	1.81

Error Coefficients

Standard Error:	208000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.867705	25.0	54454.0	1.73541	Y
2	STD2 550-288994/5	1.0	1.713033	25.0	59310.0	1.713033	Y
3	STD3 550-288994/6	2.0	3.243134	25.0	55710.0	1.621567	Y
4	STD4 550-288994/7	5.0	8.824726	25.0	66342.0	1.764945	Y
5	STD5 550-288994/8	10.0	17.968535	25.0	65534.0	1.796854	Y
6	STD6 550-288994/9	25.0	44.644224	25.0	58787.0	1.785769	Y
7	ICIS 550-288994/10	50.0	91.367553	25.0	53965.0	1.827351	Y
8	STD8 550-288994/11	75.0	149.142632	25.0	54644.0	1.988568	Y
9	STD9 550-288994/12	100.0	205.75429	25.0	52387.0	2.057543	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

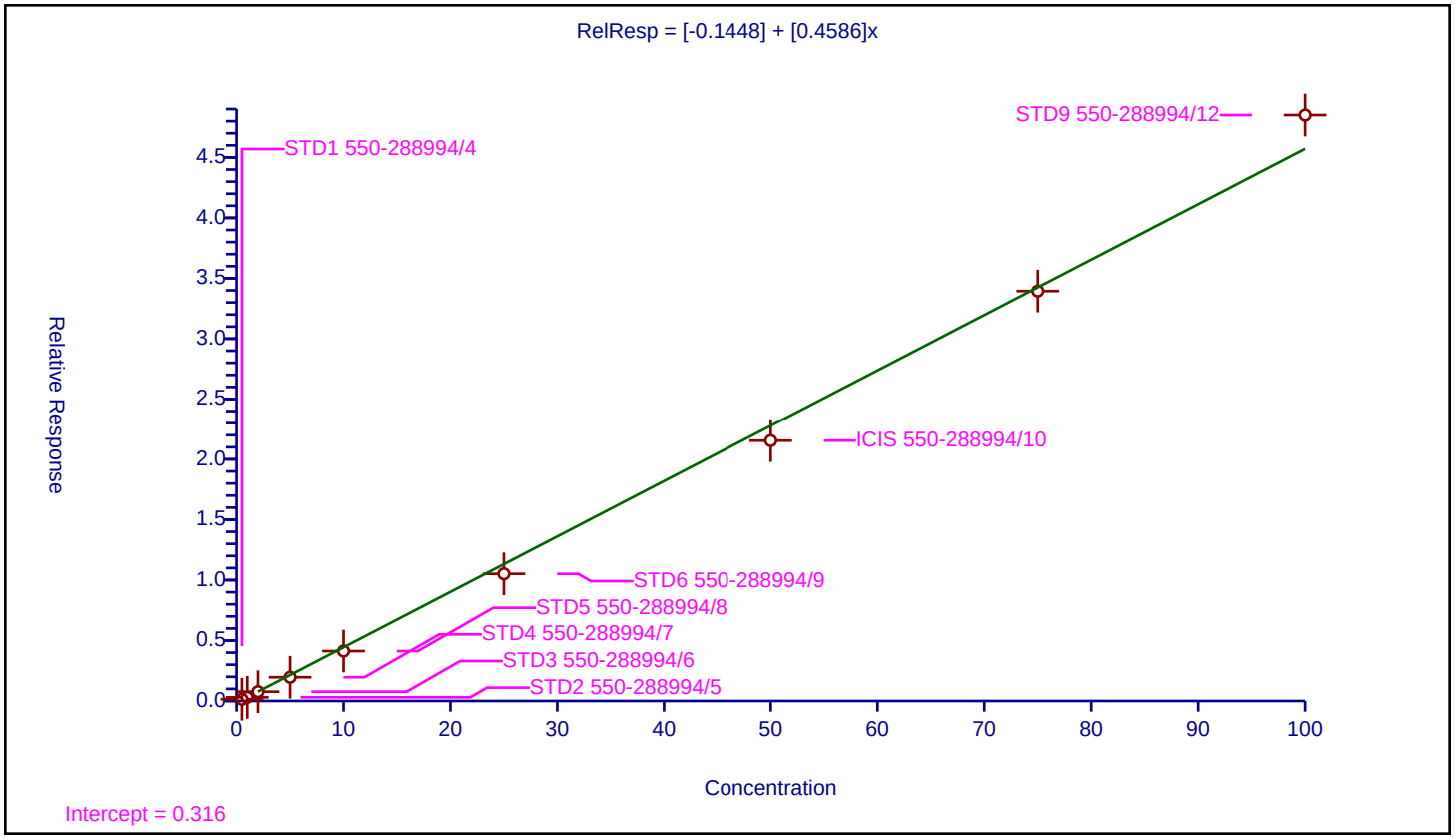
Curve Coefficients

Intercept:	-0.1448
Slope:	0.4586

Error Coefficients

Standard Error:	51700
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.141404	25.0	54454.0	0.282808	Y
2	STD2 550-288994/5	1.0	0.301804	25.0	59310.0	0.301804	Y
3	STD3 550-288994/6	2.0	0.76961	25.0	55710.0	0.384805	Y
4	STD4 550-288994/7	5.0	1.964442	25.0	66342.0	0.392888	Y
5	STD5 550-288994/8	10.0	4.131443	25.0	65534.0	0.413144	Y
6	STD6 550-288994/9	25.0	10.520608	25.0	58787.0	0.420824	Y
7	ICIS 550-288994/10	50.0	21.547299	25.0	53965.0	0.430946	Y
8	STD8 550-288994/11	75.0	33.943342	25.0	54644.0	0.452578	Y
9	STD9 550-288994/12	100.0	48.5044	25.0	52387.0	0.485044	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

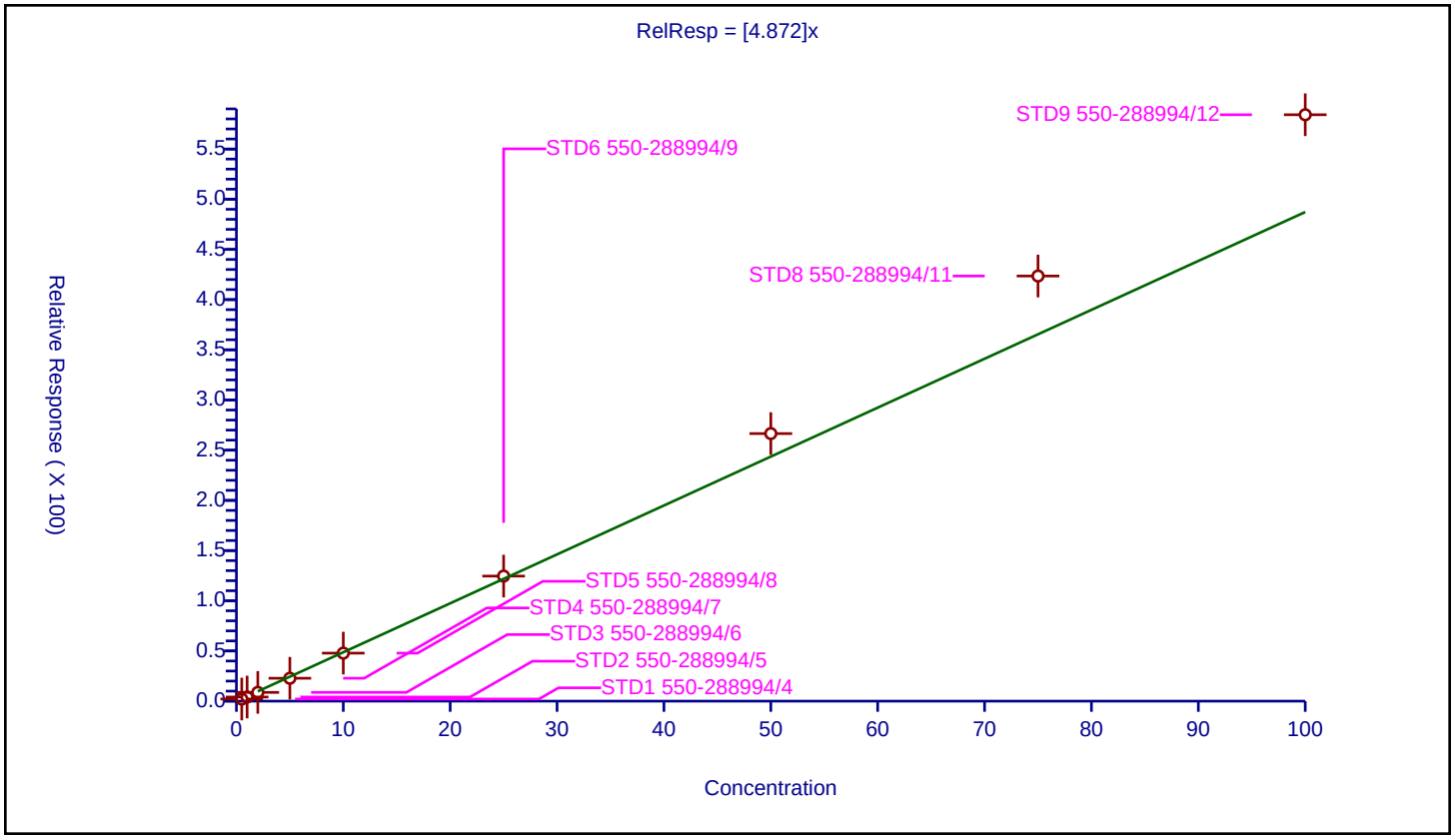
Curve Coefficients

Intercept:	0
Slope:	4.872

Error Coefficients

Standard Error:	591000
Relative Standard Error:	12.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.120138	25.0	54454.0	4.240276	Y
2	STD2 550-288994/5	1.0	4.099224	25.0	59310.0	4.099224	Y
3	STD3 550-288994/6	2.0	8.725094	25.0	55710.0	4.362547	Y
4	STD4 550-288994/7	5.0	22.81511	25.0	66342.0	4.563022	Y
5	STD5 550-288994/8	10.0	47.837764	25.0	65534.0	4.783776	Y
6	STD6 550-288994/9	25.0	124.595574	25.0	58787.0	4.983823	Y
7	ICIS 550-288994/10	50.0	266.549615	25.0	53965.0	5.330992	Y
8	STD8 550-288994/11	75.0	423.50441	25.0	54644.0	5.646725	Y
9	STD9 550-288994/12	100.0	584.175463	25.0	52387.0	5.841755	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

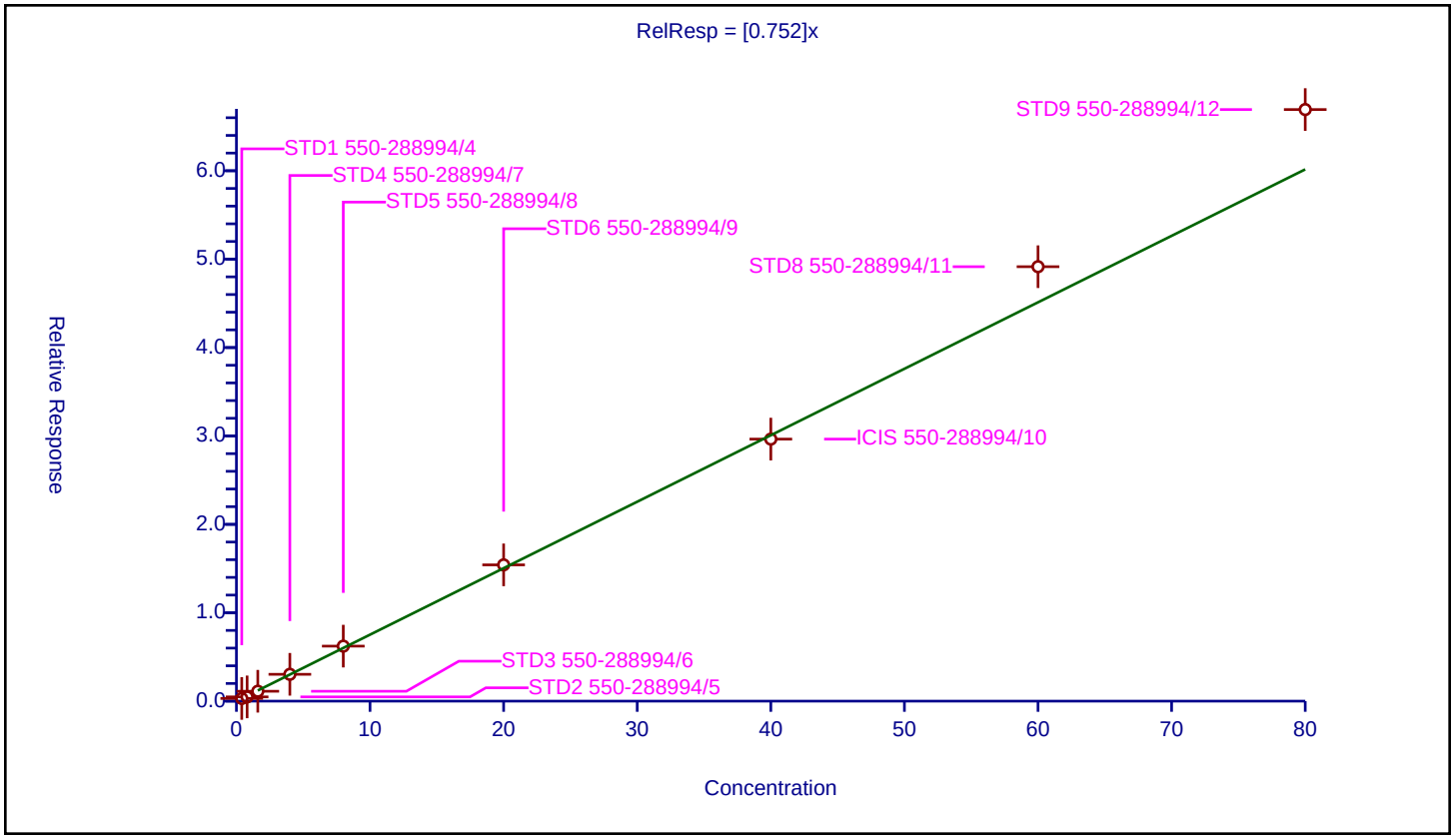
Curve Coefficients

Intercept:	0
Slope:	0.752

Error Coefficients

Standard Error:	67900
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.304844	25.0	54454.0	0.762111	Y
2	STD2 550-288994/5	0.8	0.480948	25.0	59310.0	0.601184	Y
3	STD3 550-288994/6	1.6	1.120535	25.0	55710.0	0.700334	Y
4	STD4 550-288994/7	4.0	3.035031	25.0	66342.0	0.758758	Y
5	STD5 550-288994/8	8.0	6.221961	25.0	65534.0	0.777745	Y
6	STD6 550-288994/9	20.0	15.415823	25.0	58787.0	0.770791	Y
7	ICIS 550-288994/10	40.0	29.643287	25.0	53965.0	0.741082	Y
8	STD8 550-288994/11	60.0	49.146292	25.0	54644.0	0.819105	Y
9	STD9 550-288994/12	80.0	66.925	25.0	52387.0	0.836563	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

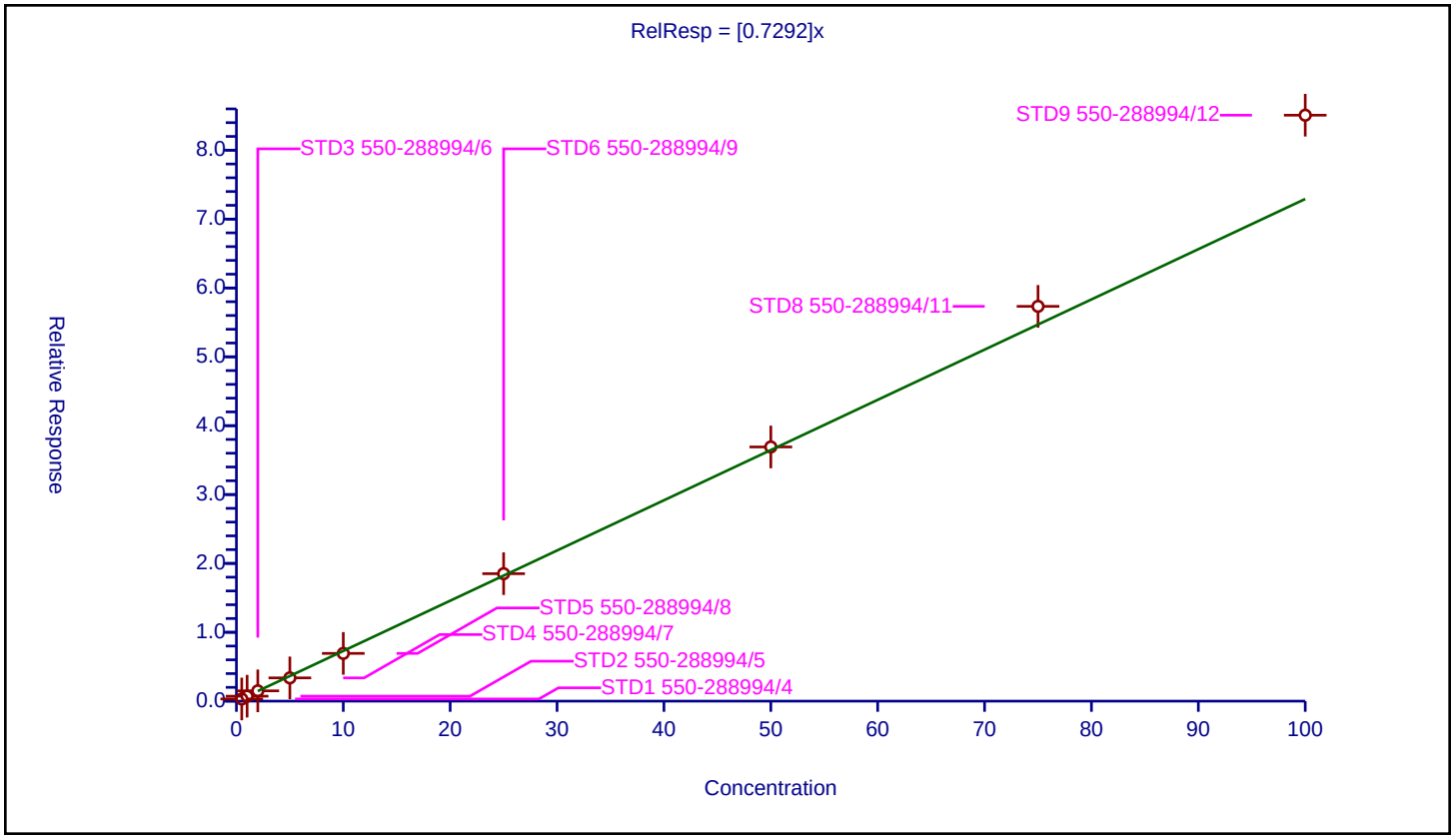
Curve Coefficients

Intercept:	0
Slope:	0.7292

Error Coefficients

Standard Error:	83700
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.315863	25.0	54454.0	0.631726	Y
2	STD2 550-288994/5	1.0	0.720789	25.0	59310.0	0.720789	Y
3	STD3 550-288994/6	2.0	1.494346	25.0	55710.0	0.747173	Y
4	STD4 550-288994/7	5.0	3.379458	25.0	66342.0	0.675892	Y
5	STD5 550-288994/8	10.0	6.931898	25.0	65534.0	0.69319	Y
6	STD6 550-288994/9	25.0	18.507068	25.0	58787.0	0.740283	Y
7	ICIS 550-288994/10	50.0	36.910498	25.0	53965.0	0.73821	Y
8	STD8 550-288994/11	75.0	57.325598	25.0	54644.0	0.764341	Y
9	STD9 550-288994/12	100.0	85.084563	25.0	52387.0	0.850846	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

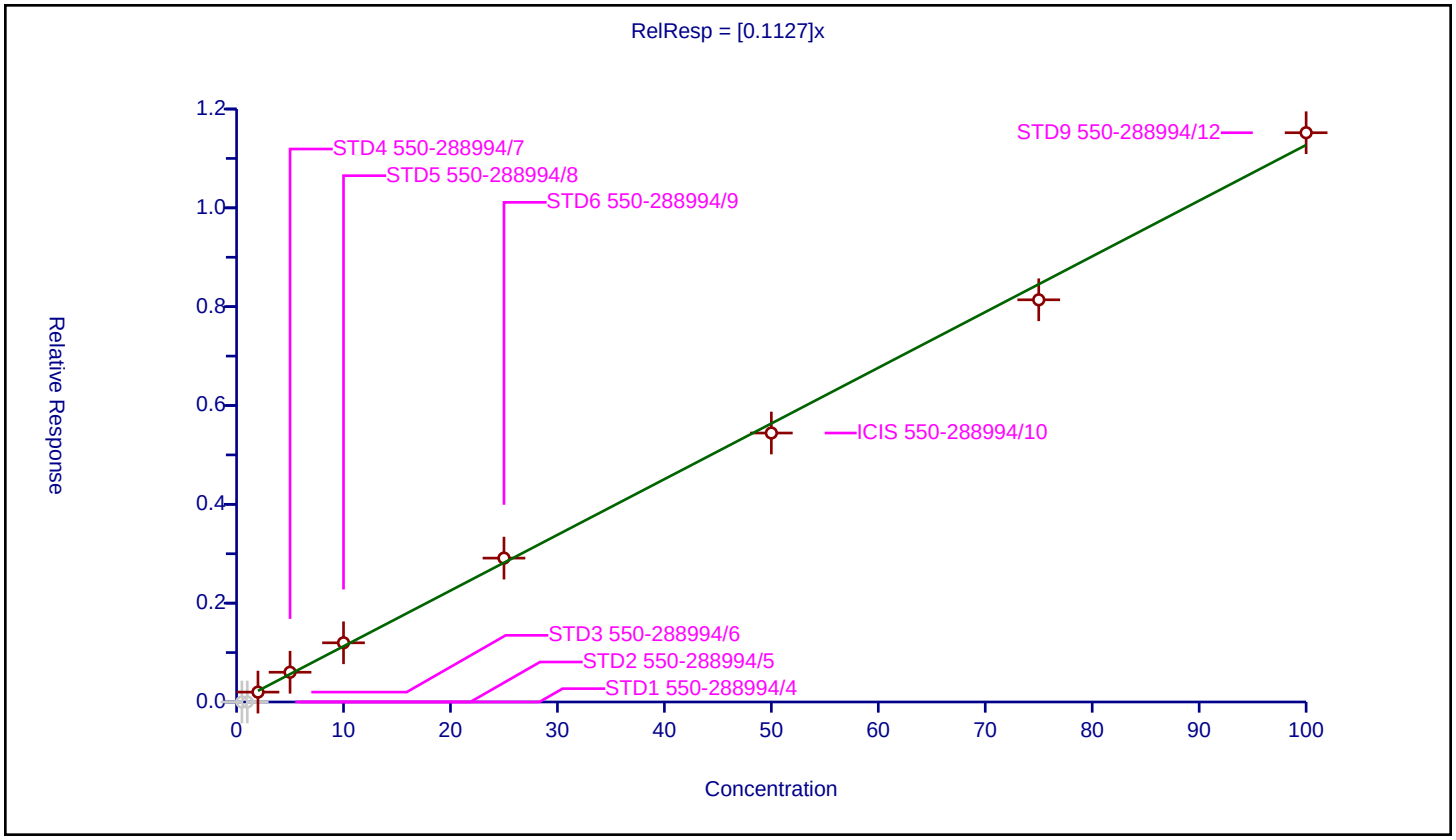
Curve Coefficients

Intercept:	0
Slope:	0.1127

Error Coefficients

Standard Error:	13500
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	59310.0	0.0	N
3	STD3 550-288994/6	2.0	0.199695	25.0	55710.0	0.099847	Y
4	STD4 550-288994/7	5.0	0.601806	25.0	66342.0	0.120361	Y
5	STD5 550-288994/8	10.0	1.197851	25.0	65534.0	0.119785	Y
6	STD6 550-288994/9	25.0	2.911783	25.0	58787.0	0.116471	Y
7	ICIS 550-288994/10	50.0	5.443343	25.0	53965.0	0.108867	Y
8	STD8 550-288994/11	75.0	8.139045	25.0	54644.0	0.108521	Y
9	STD9 550-288994/12	100.0	11.520034	25.0	52387.0	0.1152	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

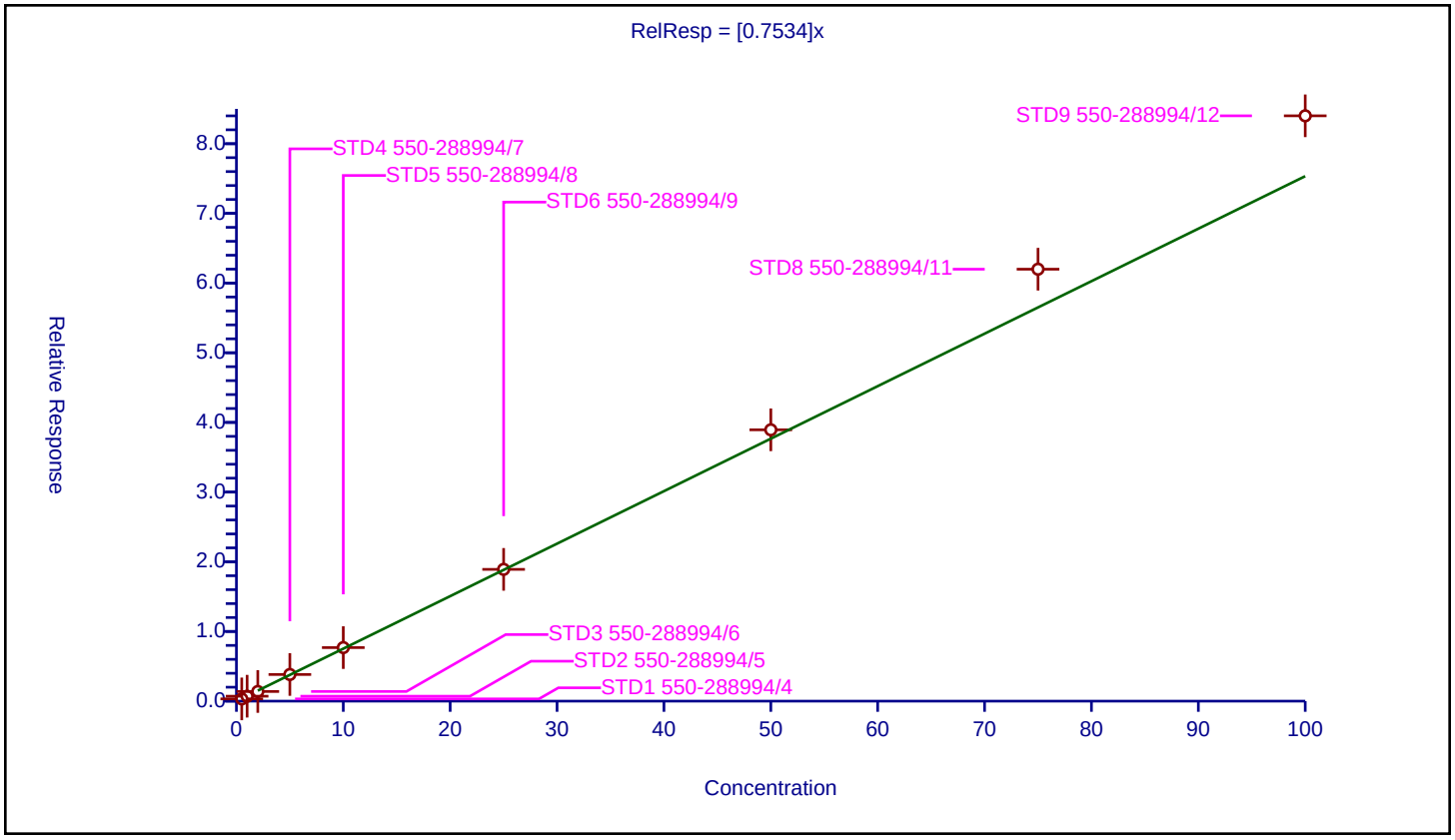
Curve Coefficients

Intercept:	0
Slope:	0.7534

Error Coefficients

Standard Error:	85800
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.321372	25.0	54454.0	0.642744	Y
2	STD2 550-288994/5	1.0	0.710251	25.0	59310.0	0.710251	Y
3	STD3 550-288994/6	2.0	1.384401	25.0	55710.0	0.692201	Y
4	STD4 550-288994/7	5.0	3.825631	25.0	66342.0	0.765126	Y
5	STD5 550-288994/8	10.0	7.684942	25.0	65534.0	0.768494	Y
6	STD6 550-288994/9	25.0	18.911494	25.0	58787.0	0.75646	Y
7	ICIS 550-288994/10	50.0	38.94237	25.0	53965.0	0.778847	Y
8	STD8 550-288994/11	75.0	61.990337	25.0	54644.0	0.826538	Y
9	STD9 550-288994/12	100.0	84.006051	25.0	52387.0	0.840061	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

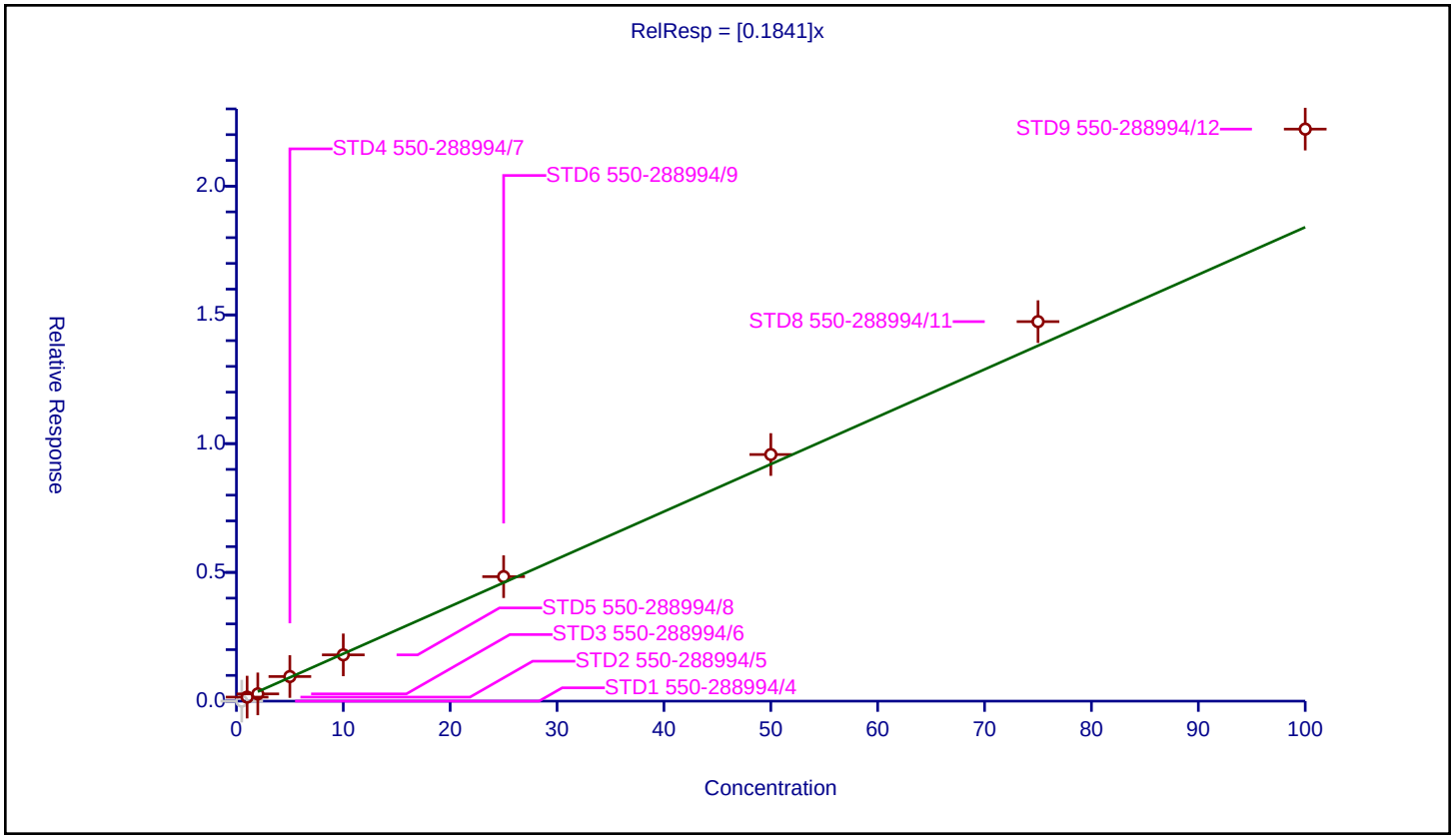
Curve Coefficients

Intercept:	0
Slope:	0.1841

Error Coefficients

Standard Error:	23300
Relative Standard Error:	13.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.156803	25.0	59310.0	0.156803	Y
3	STD3 550-288994/6	2.0	0.282265	25.0	55710.0	0.141133	Y
4	STD4 550-288994/7	5.0	0.955654	25.0	66342.0	0.191131	Y
5	STD5 550-288994/8	10.0	1.79754	25.0	65534.0	0.179754	Y
6	STD6 550-288994/9	25.0	4.834402	25.0	58787.0	0.193376	Y
7	ICIS 550-288994/10	50.0	9.577504	25.0	53965.0	0.19155	Y
8	STD8 550-288994/11	75.0	14.739038	25.0	54644.0	0.196521	Y
9	STD9 550-288994/12	100.0	22.214958	25.0	52387.0	0.22215	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

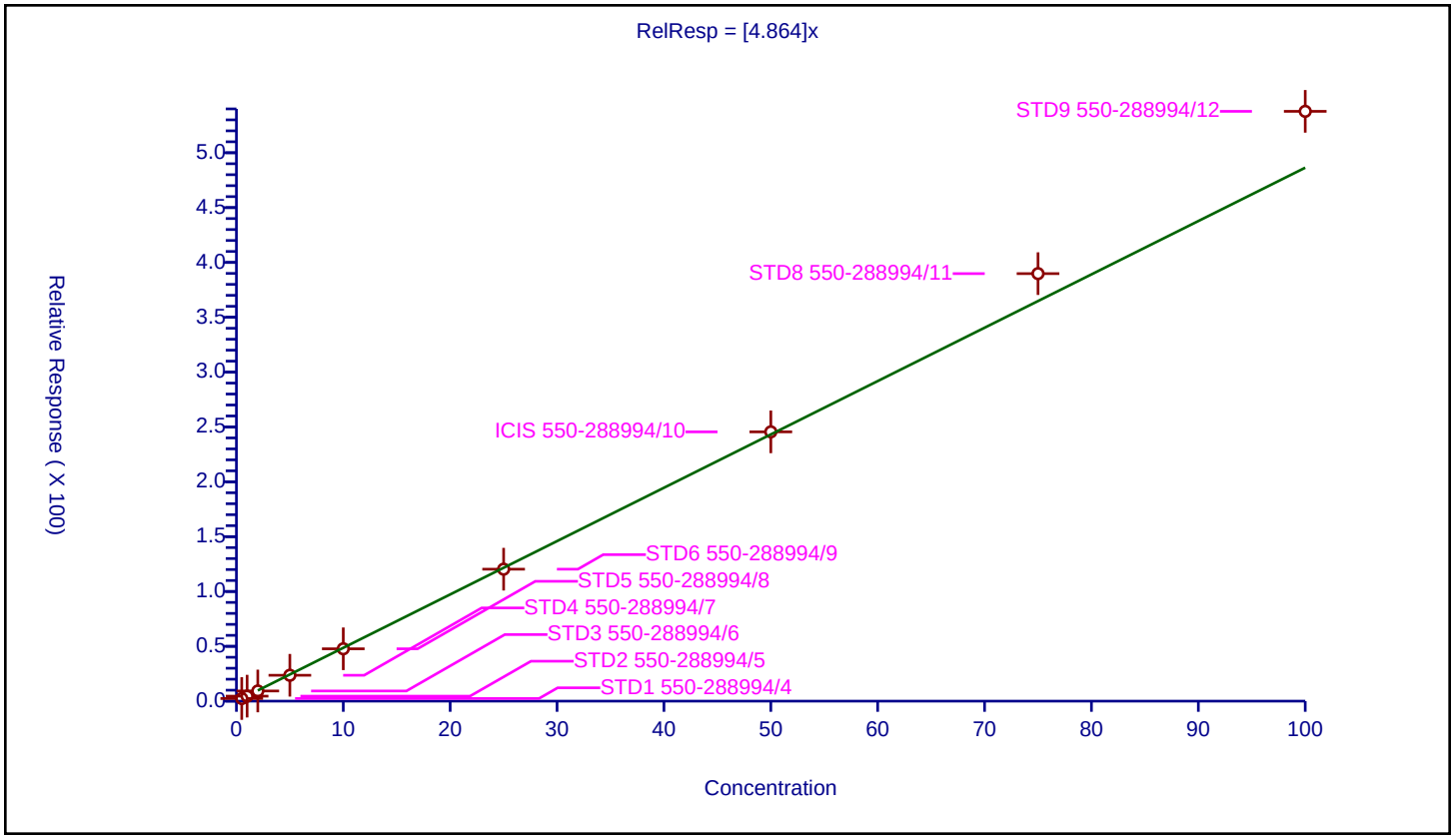
Curve Coefficients

Intercept:	0
Slope:	4.864

Error Coefficients

Standard Error:	545000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.396059	25.0	54454.0	4.792118	Y
2	STD2 550-288994/5	1.0	4.56289	25.0	59310.0	4.56289	Y
3	STD3 550-288994/6	2.0	9.258661	25.0	55710.0	4.62933	Y
4	STD4 550-288994/7	5.0	23.582346	25.0	66342.0	4.716469	Y
5	STD5 550-288994/8	10.0	47.74163	25.0	65534.0	4.774163	Y
6	STD6 550-288994/9	25.0	120.318693	25.0	58787.0	4.812748	Y
7	ICIS 550-288994/10	50.0	245.534606	25.0	53965.0	4.910692	Y
8	STD8 550-288994/11	75.0	389.801717	25.0	54644.0	5.197356	Y
9	STD9 550-288994/12	100.0	537.754596	25.0	52387.0	5.377546	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

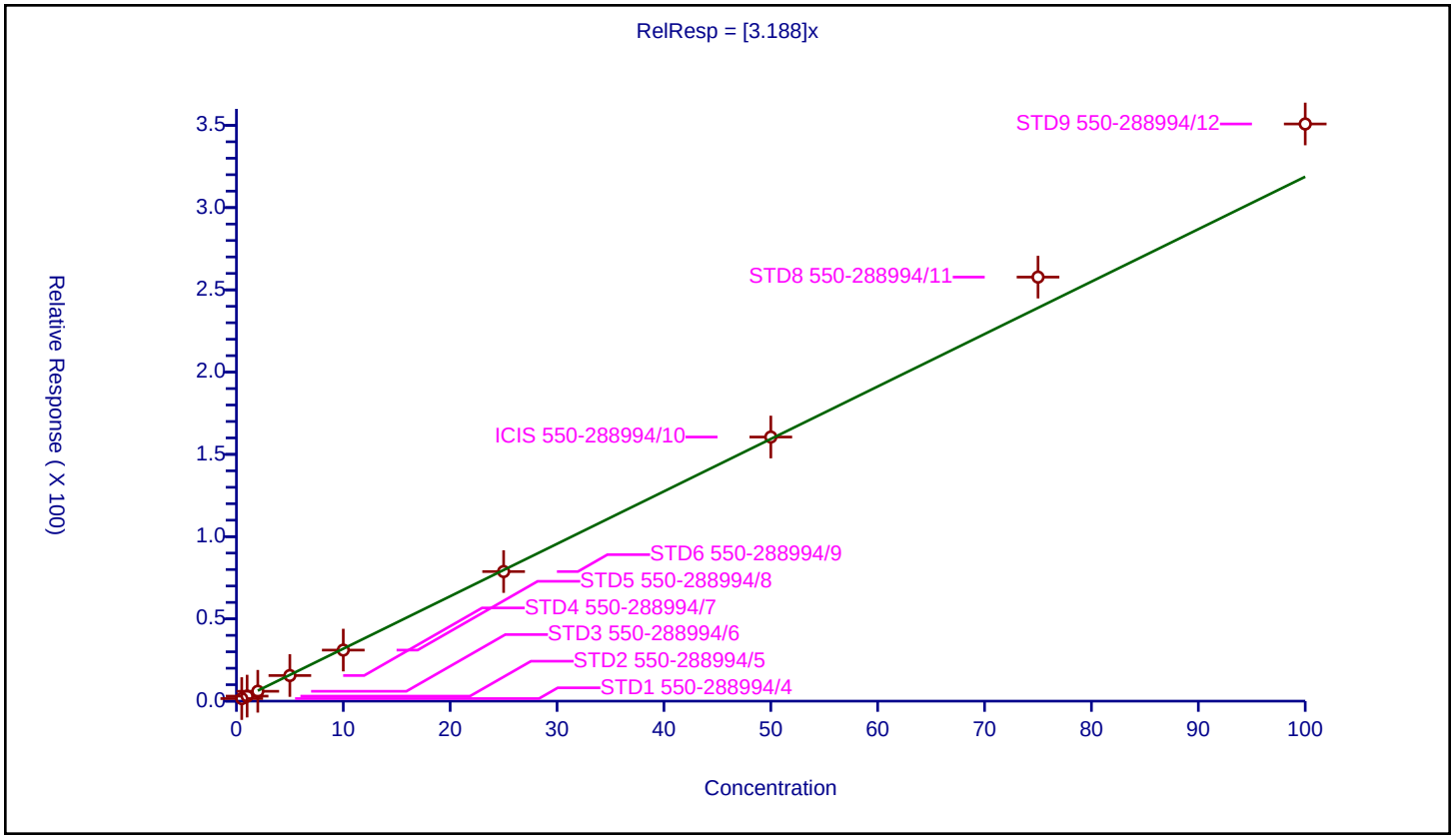
Curve Coefficients

Intercept:	0
Slope:	3.188

Error Coefficients

Standard Error:	357000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.562787	25.0	54454.0	3.125574	Y
2	STD2 550-288994/5	1.0	3.043753	25.0	59310.0	3.043753	Y
3	STD3 550-288994/6	2.0	5.994435	25.0	55710.0	2.997218	Y
4	STD4 550-288994/7	5.0	15.565554	25.0	66342.0	3.113111	Y
5	STD5 550-288994/8	10.0	31.022065	25.0	65534.0	3.102206	Y
6	STD6 550-288994/9	25.0	78.762737	25.0	58787.0	3.150509	Y
7	ICIS 550-288994/10	50.0	160.541091	25.0	53965.0	3.210822	Y
8	STD8 550-288994/11	75.0	257.74376	25.0	54644.0	3.436583	Y
9	STD9 550-288994/12	100.0	350.837517	25.0	52387.0	3.508375	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

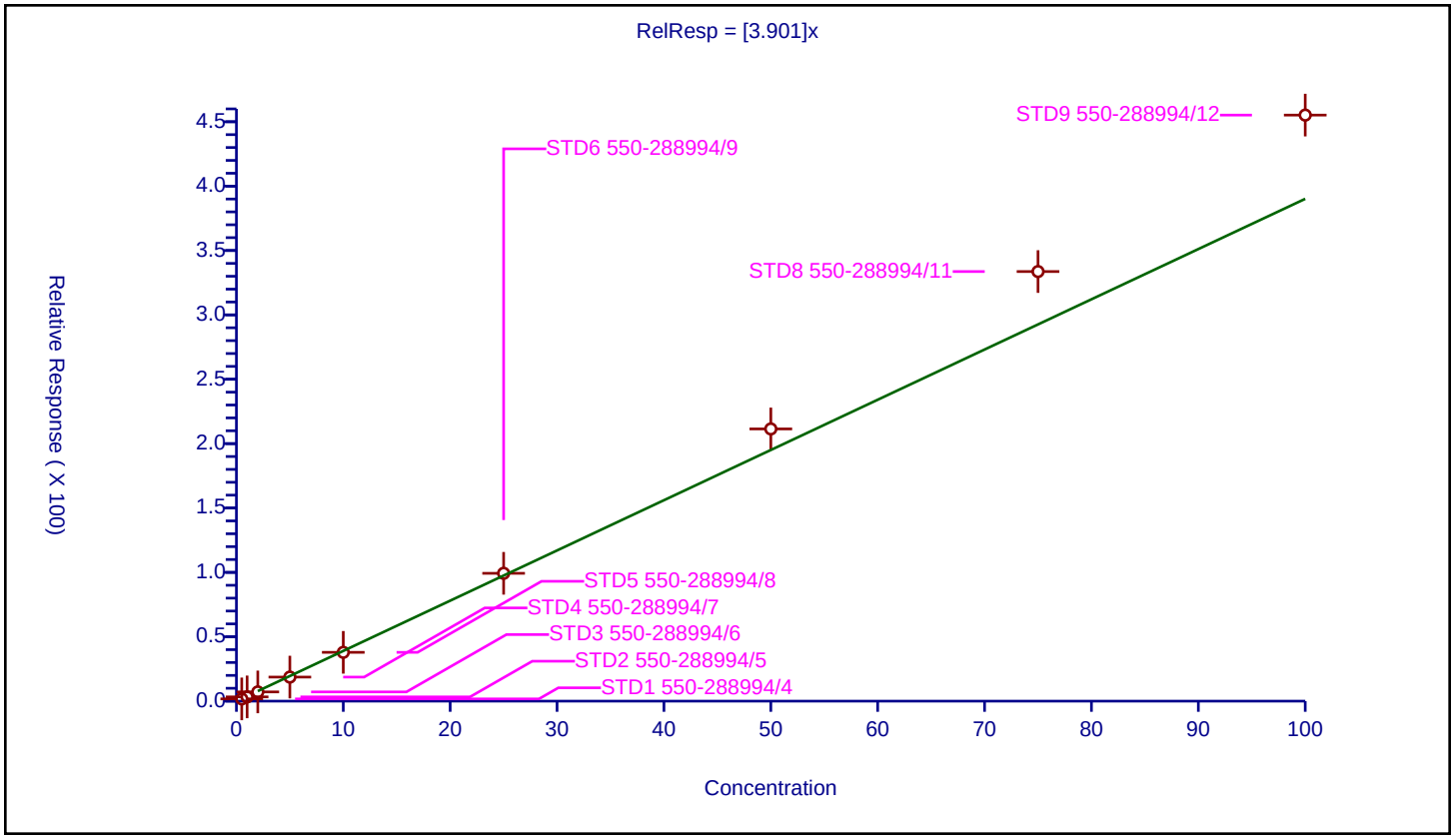
Curve Coefficients

Intercept:	0
Slope:	3.901

Error Coefficients

Standard Error:	463000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.749642	25.0	54454.0	3.499284	Y
2	STD2 550-288994/5	1.0	3.294133	25.0	59310.0	3.294133	Y
3	STD3 550-288994/6	2.0	7.176449	25.0	55710.0	3.588225	Y
4	STD4 550-288994/7	5.0	18.697055	25.0	66342.0	3.739411	Y
5	STD5 550-288994/8	10.0	37.898648	25.0	65534.0	3.789865	Y
6	STD6 550-288994/9	25.0	99.295337	25.0	58787.0	3.971813	Y
7	ICIS 550-288994/10	50.0	211.422218	25.0	53965.0	4.228444	Y
8	STD8 550-288994/11	75.0	333.659688	25.0	54644.0	4.448796	Y
9	STD9 550-288994/12	100.0	455.181629	25.0	52387.0	4.551816	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

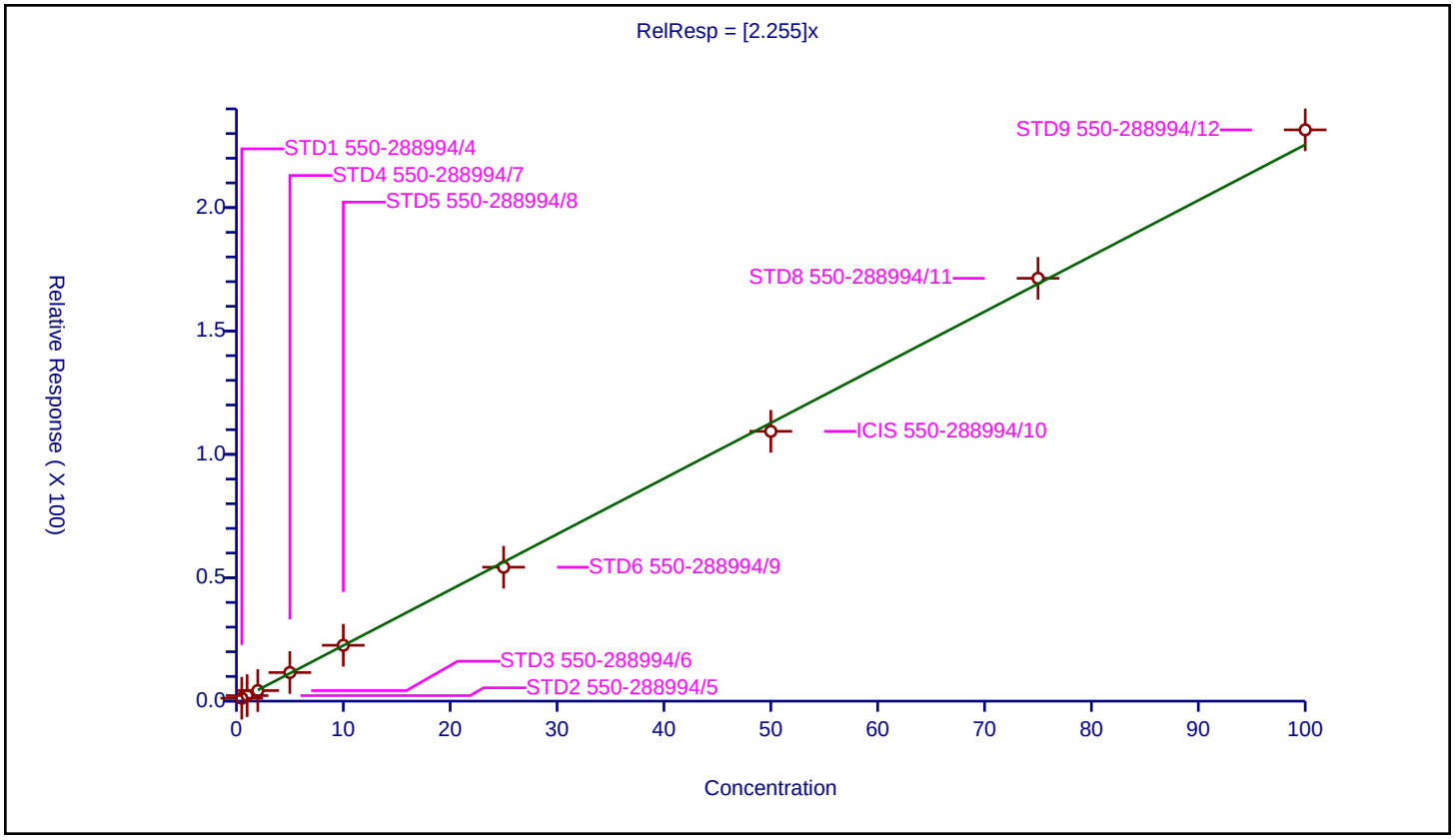
Curve Coefficients

Intercept:	0
Slope:	2.255

Error Coefficients

Standard Error:	238000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.183109	25.0	54454.0	2.366217	Y
2	STD2 550-288994/5	1.0	2.243719	25.0	59310.0	2.243719	Y
3	STD3 550-288994/6	2.0	4.282445	25.0	55710.0	2.141222	Y
4	STD4 550-288994/7	5.0	11.600871	25.0	66342.0	2.320174	Y
5	STD5 550-288994/8	10.0	22.635197	25.0	65534.0	2.26352	Y
6	STD6 550-288994/9	25.0	54.287513	25.0	58787.0	2.171501	Y
7	ICIS 550-288994/10	50.0	109.336144	25.0	53965.0	2.186723	Y
8	STD8 550-288994/11	75.0	171.356874	25.0	54644.0	2.284758	Y
9	STD9 550-288994/12	100.0	231.509248	25.0	52387.0	2.315092	Y



Calibration / tert-Butylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

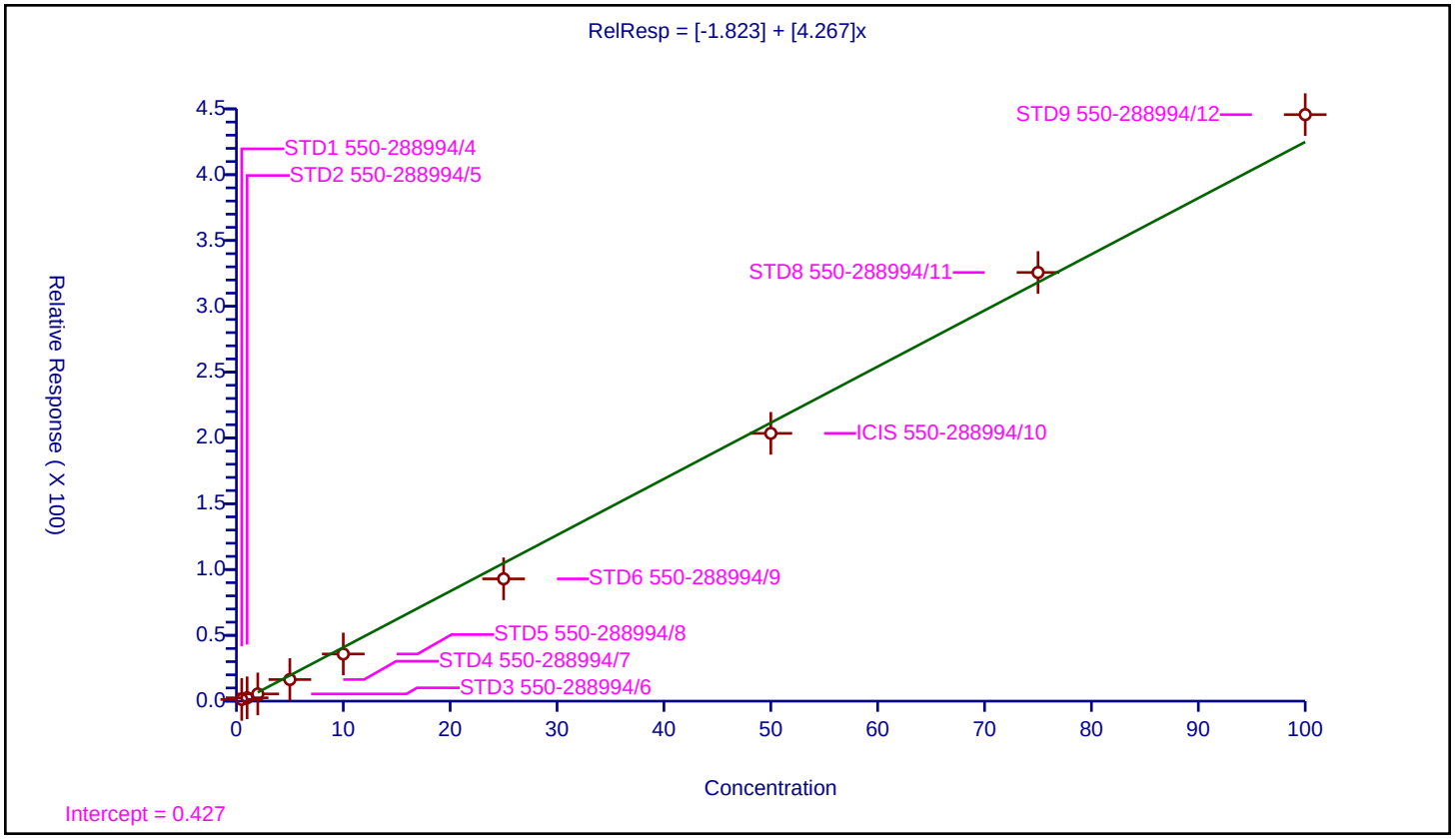
Curve Coefficients

Intercept:	-1.823
Slope:	4.267

Error Coefficients

Standard Error:	482000
Relative Standard Error:	20.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.304771	25.0	54454.0	2.609542	Y
2	STD2 550-288994/5	1.0	2.5333	25.0	59310.0	2.5333	Y
3	STD3 550-288994/6	2.0	5.465356	25.0	55710.0	2.732678	Y
4	STD4 550-288994/7	5.0	16.402505	25.0	66342.0	3.280501	Y
5	STD5 550-288994/8	10.0	35.824534	25.0	65534.0	3.582453	Y
6	STD6 550-288994/9	25.0	92.924456	25.0	58787.0	3.716978	Y
7	ICIS 550-288994/10	50.0	203.48096	25.0	53965.0	4.069619	Y
8	STD8 550-288994/11	75.0	325.70456	25.0	54644.0	4.342727	Y
9	STD9 550-288994/12	100.0	445.637276	25.0	52387.0	4.456373	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

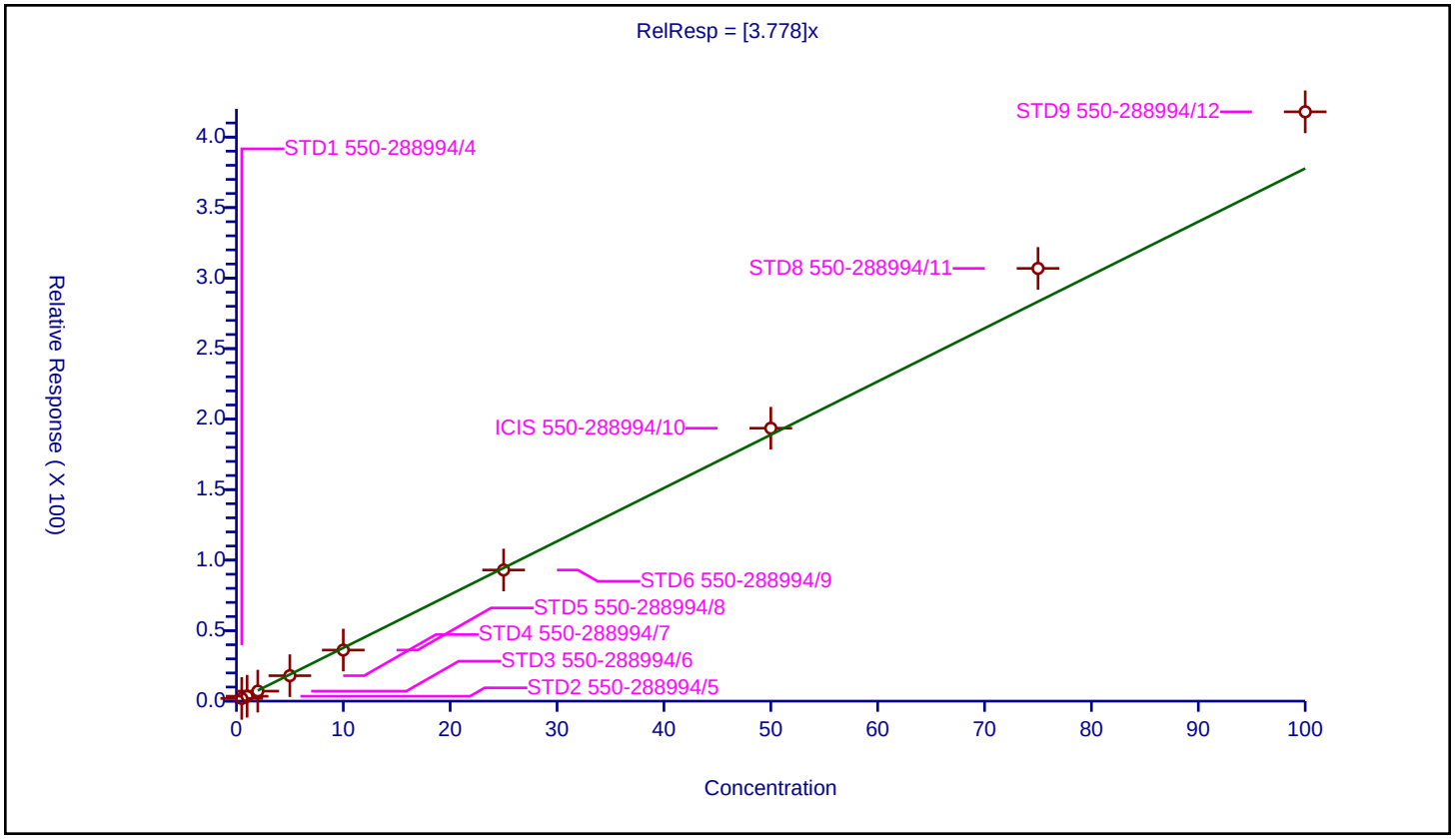
Curve Coefficients

Intercept:	0
Slope:	3.778

Error Coefficients

Standard Error:	426000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.930069	25.0	54454.0	3.860139	Y
2	STD2 550-288994/5	1.0	3.492666	25.0	59310.0	3.492666	Y
3	STD3 550-288994/6	2.0	7.10061	25.0	55710.0	3.550305	Y
4	STD4 550-288994/7	5.0	18.053797	25.0	66342.0	3.610759	Y
5	STD5 550-288994/8	10.0	36.223563	25.0	65534.0	3.622356	Y
6	STD6 550-288994/9	25.0	93.001004	25.0	58787.0	3.72004	Y
7	ICIS 550-288994/10	50.0	193.547207	25.0	53965.0	3.870944	Y
8	STD8 550-288994/11	75.0	306.877242	25.0	54644.0	4.091697	Y
9	STD9 550-288994/12	100.0	417.929544	25.0	52387.0	4.179295	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

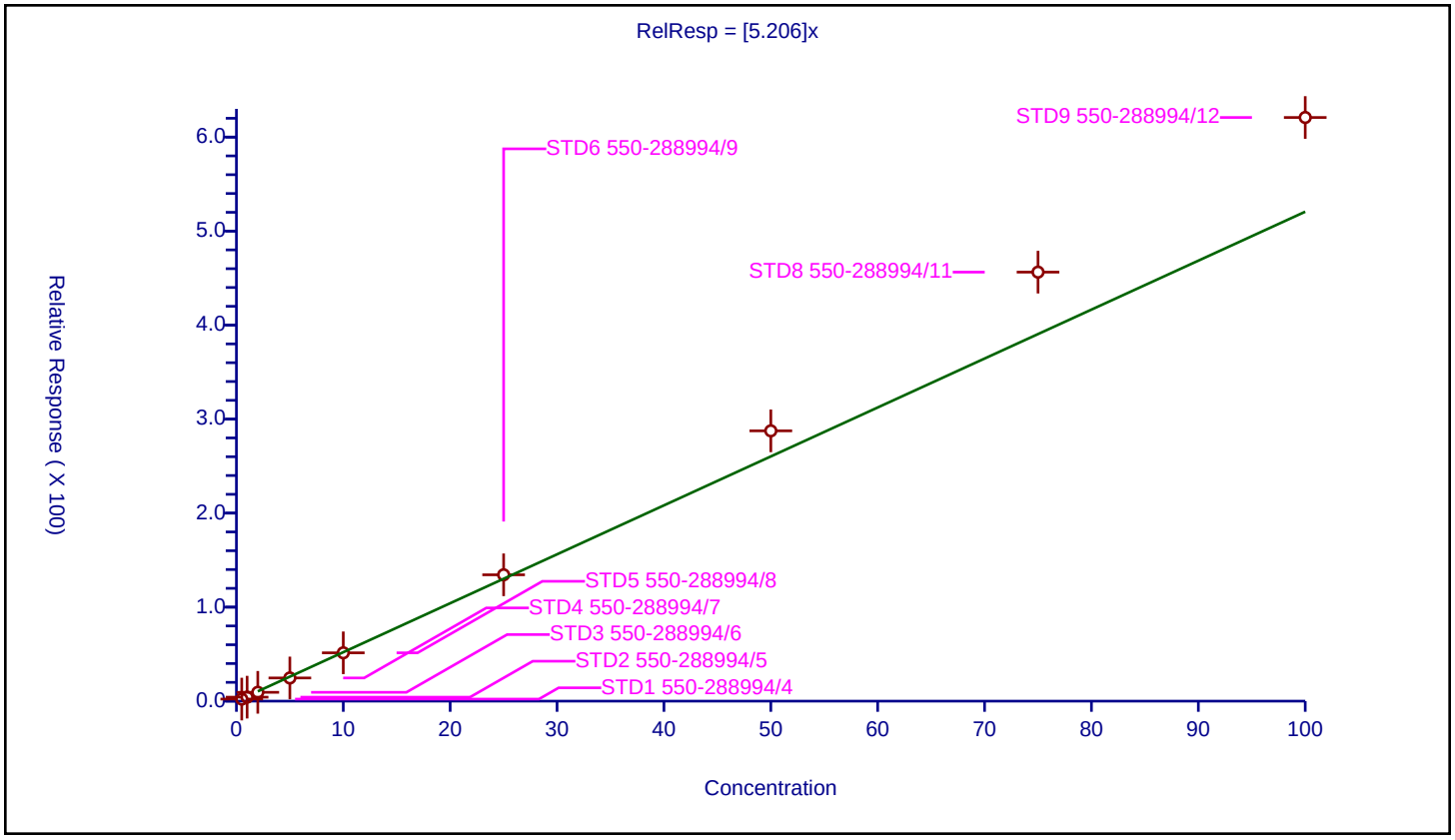
Curve Coefficients

Intercept:	0
Slope:	5.206

Error Coefficients

Standard Error:	632000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.205072	25.0	54454.0	4.410144	Y
2	STD2 550-288994/5	1.0	4.247597	25.0	59310.0	4.247597	Y
3	STD3 550-288994/6	2.0	9.403159	25.0	55710.0	4.70158	Y
4	STD4 550-288994/7	5.0	24.670269	25.0	66342.0	4.934054	Y
5	STD5 550-288994/8	10.0	51.410337	25.0	65534.0	5.141034	Y
6	STD6 550-288994/9	25.0	134.394084	25.0	58787.0	5.375763	Y
7	ICIS 550-288994/10	50.0	287.52988	25.0	53965.0	5.750598	Y
8	STD8 550-288994/11	75.0	456.359344	25.0	54644.0	6.084791	Y
9	STD9 550-288994/12	100.0	620.844389	25.0	52387.0	6.208444	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

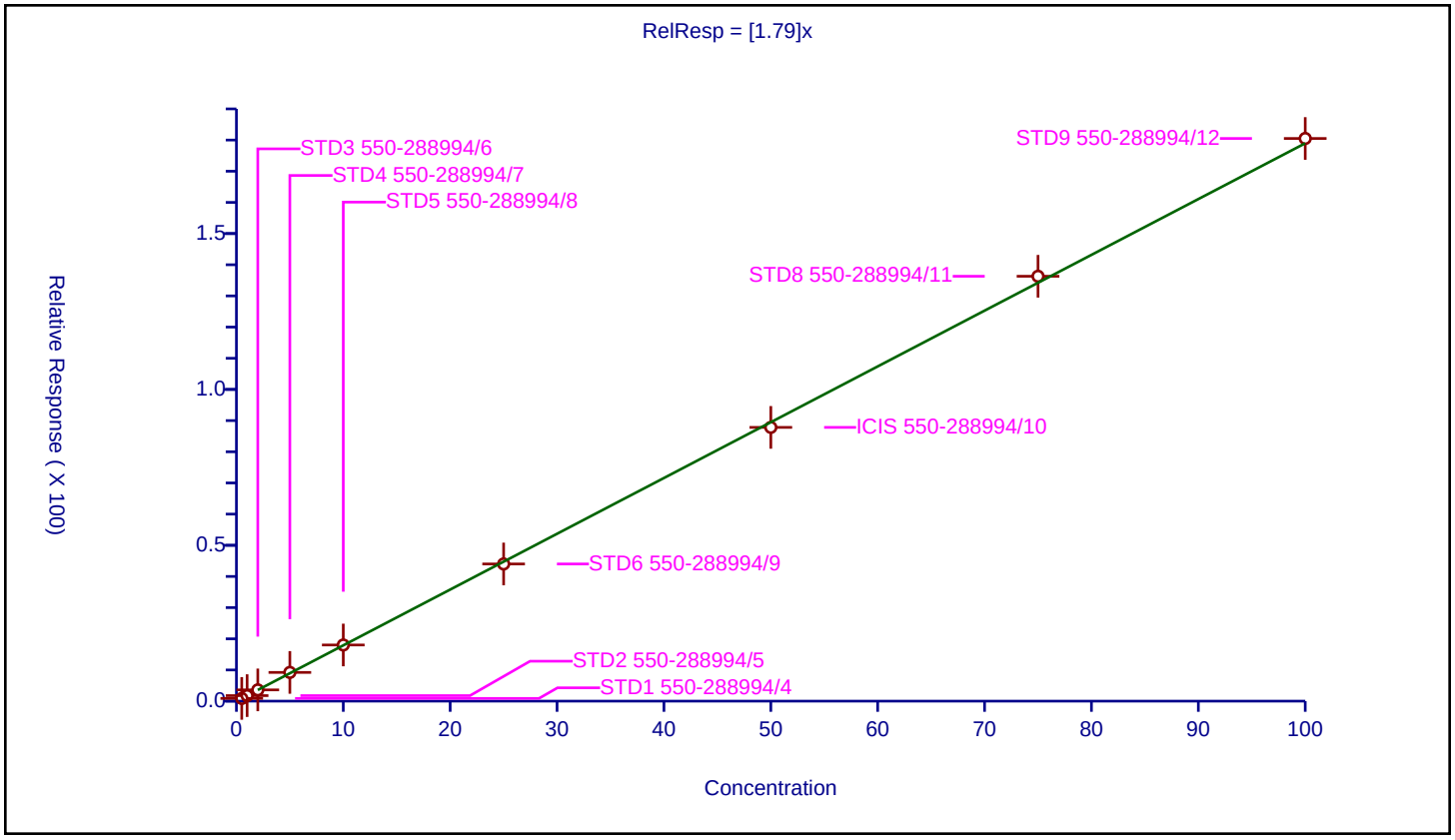
Curve Coefficients

Intercept:	0
Slope:	1.79

Error Coefficients

Standard Error:	187000
Relative Standard Error:	1.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.871837	25.0	54454.0	1.743674	Y
2	STD2 550-288994/5	1.0	1.772888	25.0	59310.0	1.772888	Y
3	STD3 550-288994/6	2.0	3.612906	25.0	55710.0	1.806453	Y
4	STD4 550-288994/7	5.0	9.213243	25.0	66342.0	1.842649	Y
5	STD5 550-288994/8	10.0	18.012787	25.0	65534.0	1.801279	Y
6	STD6 550-288994/9	25.0	44.011856	25.0	58787.0	1.760474	Y
7	ICIS 550-288994/10	50.0	87.828222	25.0	53965.0	1.756564	Y
8	STD8 550-288994/11	75.0	136.302247	25.0	54644.0	1.817363	Y
9	STD9 550-288994/12	100.0	180.505183	25.0	52387.0	1.805052	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

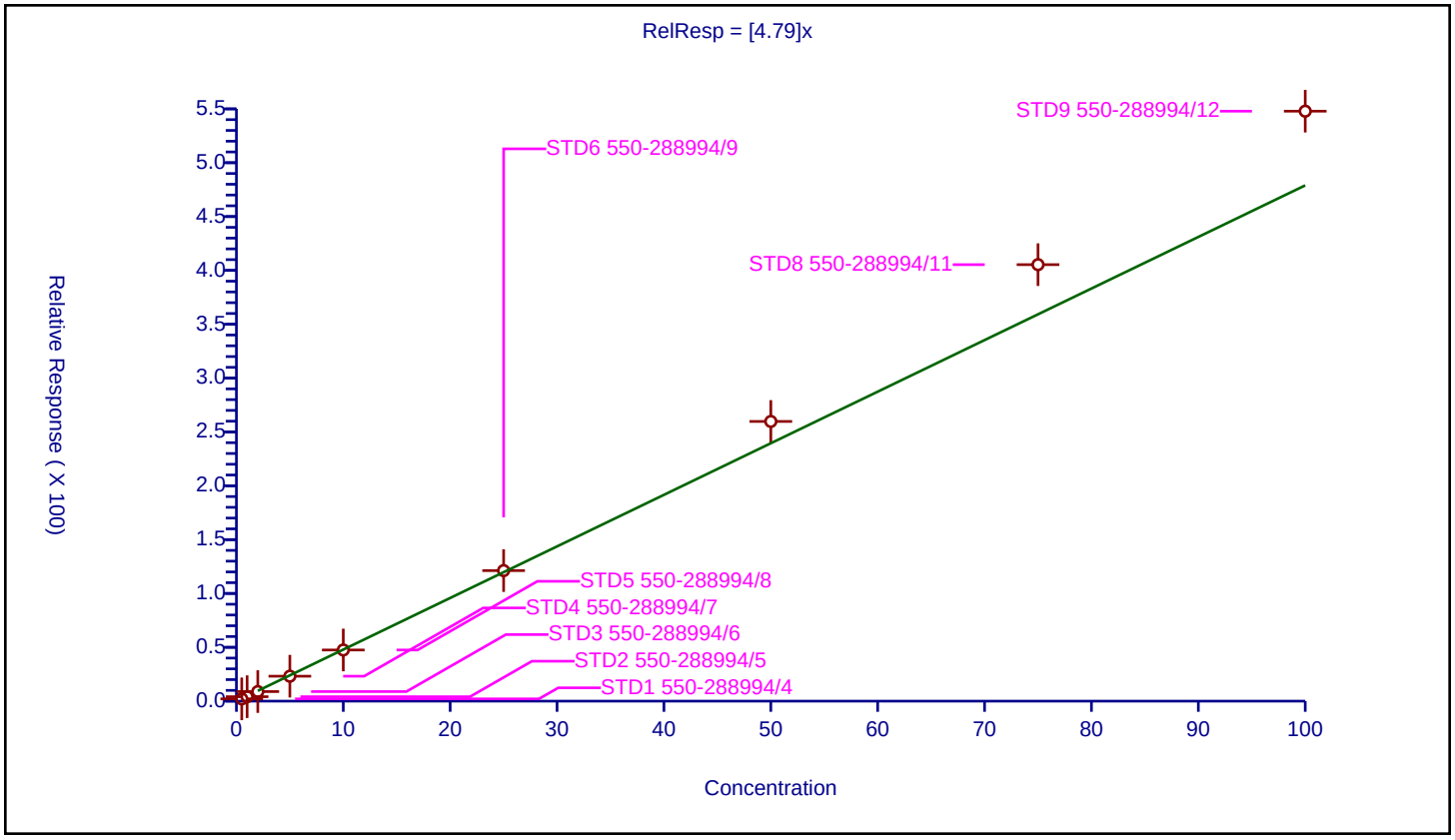
Curve Coefficients

Intercept:	0
Slope:	4.79

Error Coefficients

Standard Error:	561000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.11922	25.0	54454.0	4.23844	Y
2	STD2 550-288994/5	1.0	4.11735	25.0	59310.0	4.11735	Y
3	STD3 550-288994/6	2.0	8.88126	25.0	55710.0	4.44063	Y
4	STD4 550-288994/7	5.0	23.162175	25.0	66342.0	4.632435	Y
5	STD5 550-288994/8	10.0	47.513504	25.0	65534.0	4.75135	Y
6	STD6 550-288994/9	25.0	121.227908	25.0	58787.0	4.849116	Y
7	ICIS 550-288994/10	50.0	259.73733	25.0	53965.0	5.194747	Y
8	STD8 550-288994/11	75.0	405.352829	25.0	54644.0	5.404704	Y
9	STD9 550-288994/12	100.0	547.871132	25.0	52387.0	5.478711	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

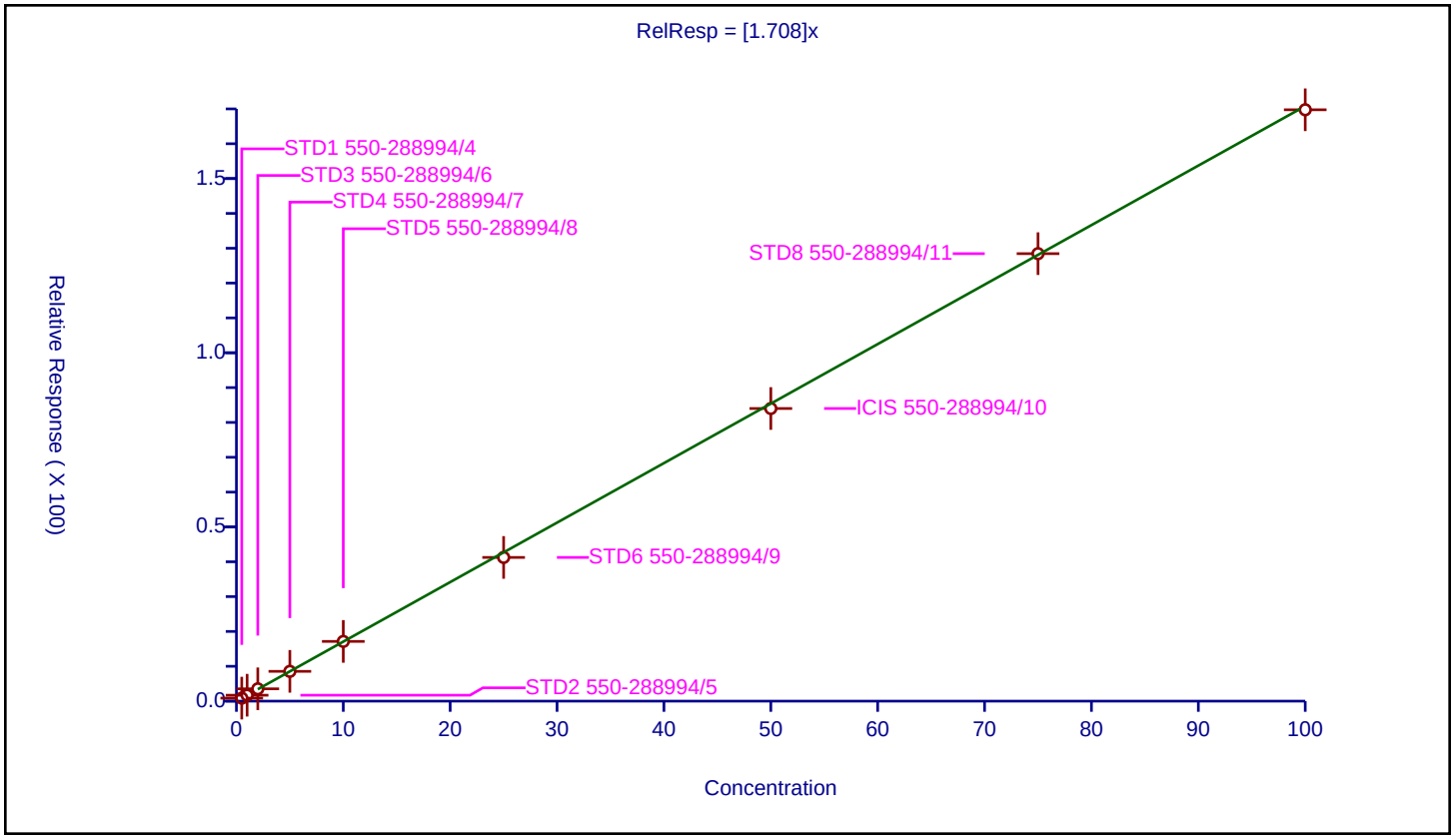
Curve Coefficients

Intercept:	0
Slope:	1.708

Error Coefficients

Standard Error:	177000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.87	25.0	54454.0	1.740001	Y
2	STD2 550-288994/5	1.0	1.700809	25.0	59310.0	1.700809	Y
3	STD3 550-288994/6	2.0	3.532579	25.0	55710.0	1.76629	Y
4	STD4 550-288994/7	5.0	8.551898	25.0	66342.0	1.71038	Y
5	STD5 550-288994/8	10.0	17.143391	25.0	65534.0	1.714339	Y
6	STD6 550-288994/9	25.0	41.250617	25.0	58787.0	1.650025	Y
7	ICIS 550-288994/10	50.0	84.003058	25.0	53965.0	1.680061	Y
8	STD8 550-288994/11	75.0	128.449601	25.0	54644.0	1.712661	Y
9	STD9 550-288994/12	100.0	169.749652	25.0	52387.0	1.697497	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

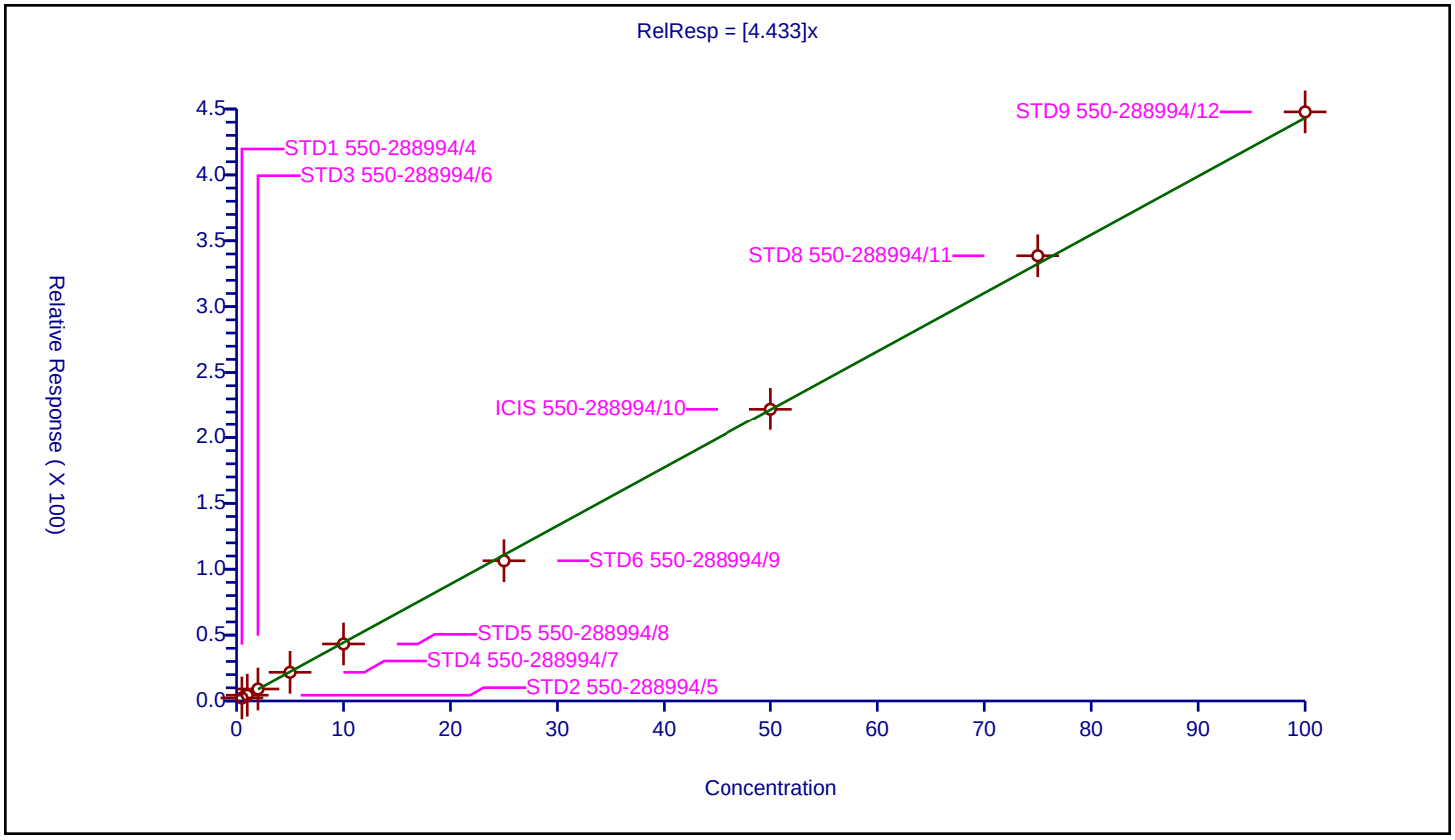
Curve Coefficients

Intercept:	0
Slope:	4.433

Error Coefficients

Standard Error:	466000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.299188	25.0	54454.0	4.598377	Y
2	STD2 550-288994/5	1.0	4.377424	25.0	59310.0	4.377424	Y
3	STD3 550-288994/6	2.0	9.096213	25.0	55710.0	4.548106	Y
4	STD4 550-288994/7	5.0	21.756956	25.0	66342.0	4.351391	Y
5	STD5 550-288994/8	10.0	43.279443	25.0	65534.0	4.327944	Y
6	STD6 550-288994/9	25.0	106.406178	25.0	58787.0	4.256247	Y
7	ICIS 550-288994/10	50.0	222.114797	25.0	53965.0	4.442296	Y
8	STD8 550-288994/11	75.0	338.634617	25.0	54644.0	4.515128	Y
9	STD9 550-288994/12	100.0	447.821979	25.0	52387.0	4.47822	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

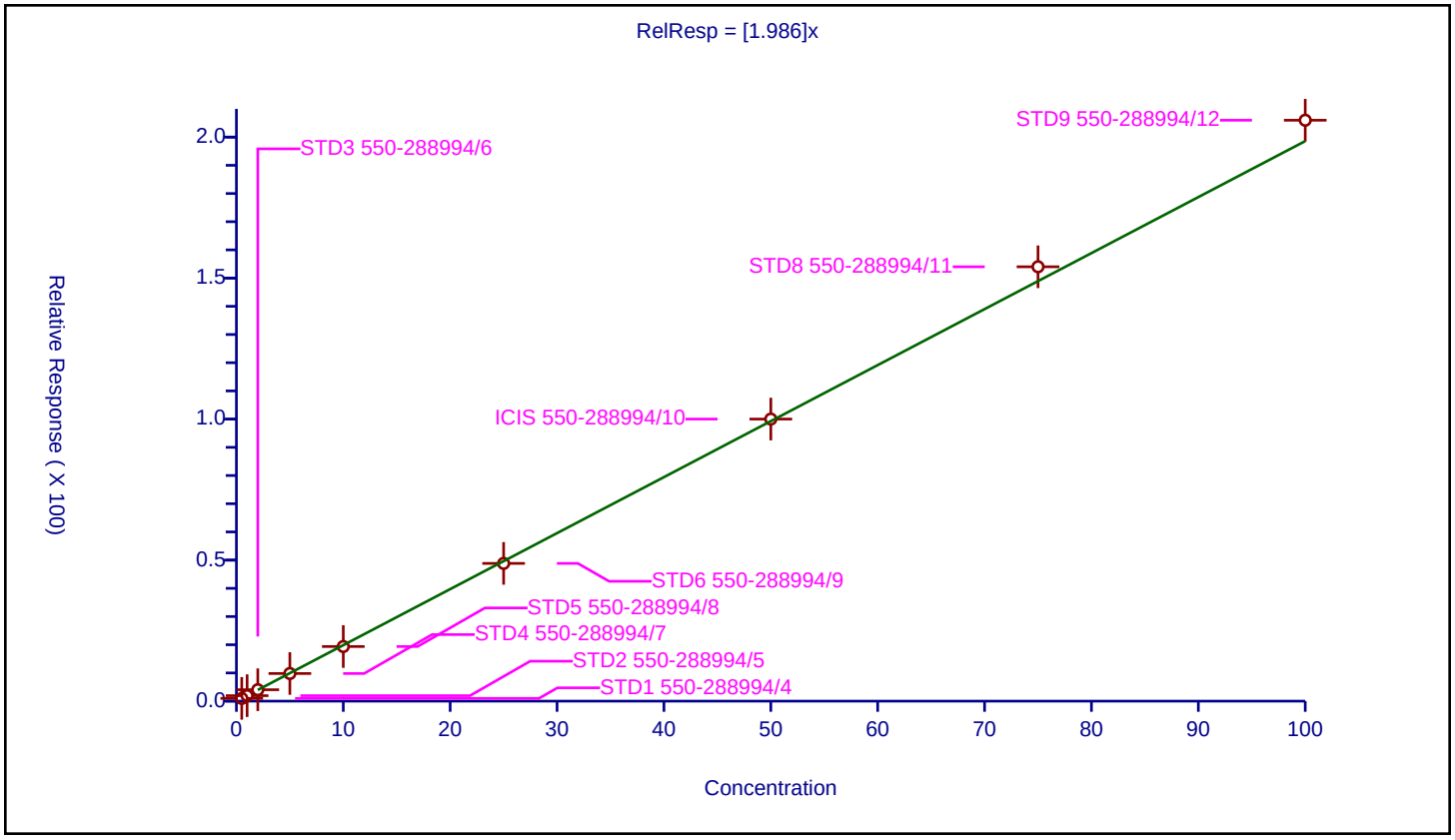
Curve Coefficients

Intercept:	0
Slope:	1.986

Error Coefficients

Standard Error:	213000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.972839	25.0	54454.0	1.945679	Y
2	STD2 550-288994/5	1.0	1.938543	25.0	59310.0	1.938543	Y
3	STD3 550-288994/6	2.0	4.048196	25.0	55710.0	2.024098	Y
4	STD4 550-288994/7	5.0	9.800353	25.0	66342.0	1.960071	Y
5	STD5 550-288994/8	10.0	19.361705	25.0	65534.0	1.936171	Y
6	STD6 550-288994/9	25.0	48.83988	25.0	58787.0	1.953595	Y
7	ICIS 550-288994/10	50.0	100.014824	25.0	53965.0	2.000296	Y
8	STD8 550-288994/11	75.0	154.018739	25.0	54644.0	2.053583	Y
9	STD9 550-288994/12	100.0	205.980969	25.0	52387.0	2.05981	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

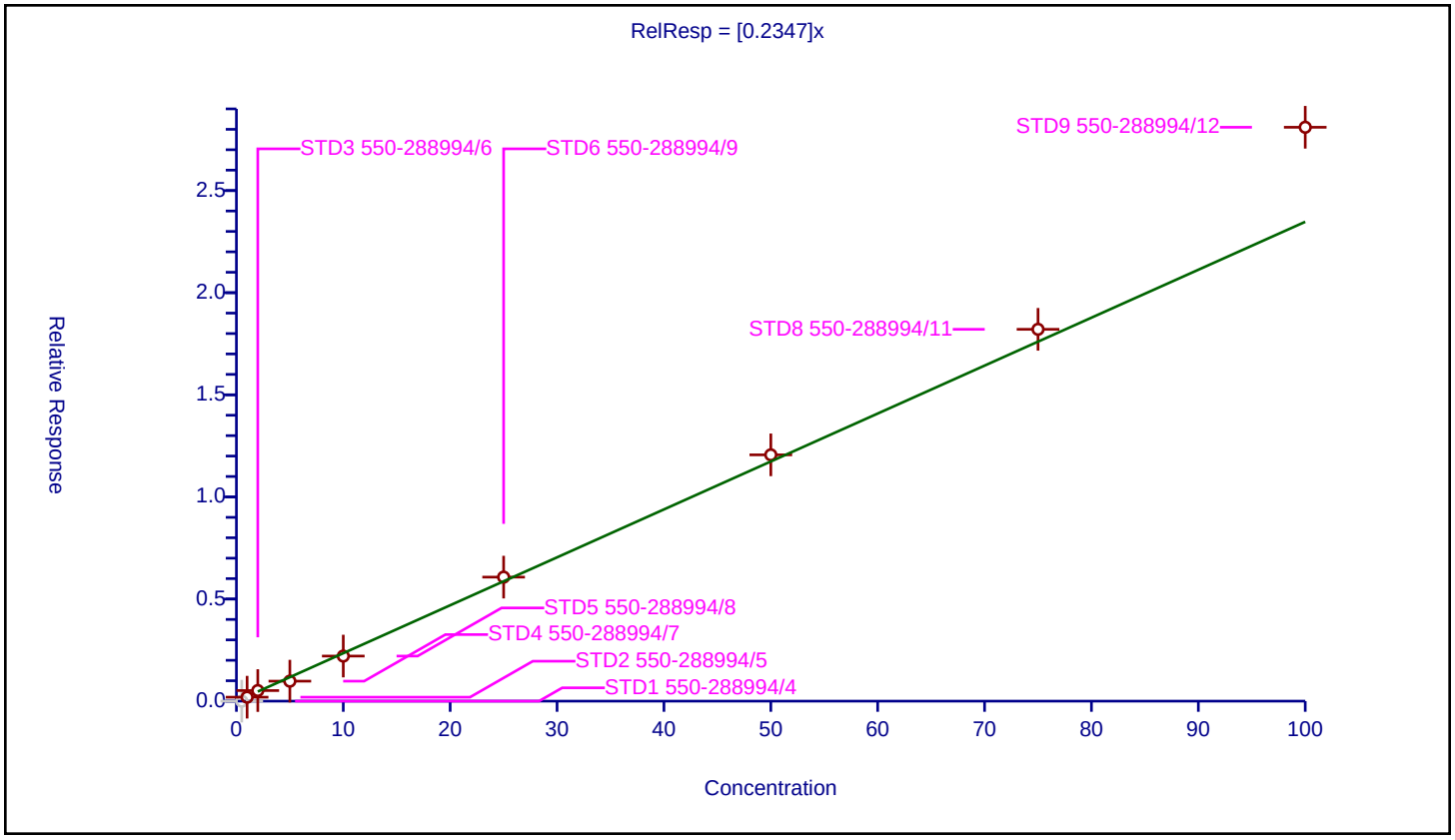
Curve Coefficients

Intercept:	0
Slope:	0.2347

Error Coefficients

Standard Error:	29200
Relative Standard Error:	12.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.193896	25.0	59310.0	0.193896	Y
3	STD3 550-288994/6	2.0	0.518758	25.0	55710.0	0.259379	Y
4	STD4 550-288994/7	5.0	0.979018	25.0	66342.0	0.195804	Y
5	STD5 550-288994/8	10.0	2.20687	25.0	65534.0	0.220687	Y
6	STD6 550-288994/9	25.0	6.072346	25.0	58787.0	0.242894	Y
7	ICIS 550-288994/10	50.0	12.060595	25.0	53965.0	0.241212	Y
8	STD8 550-288994/11	75.0	18.206482	25.0	54644.0	0.242753	Y
9	STD9 550-288994/12	100.0	28.099529	25.0	52387.0	0.280995	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

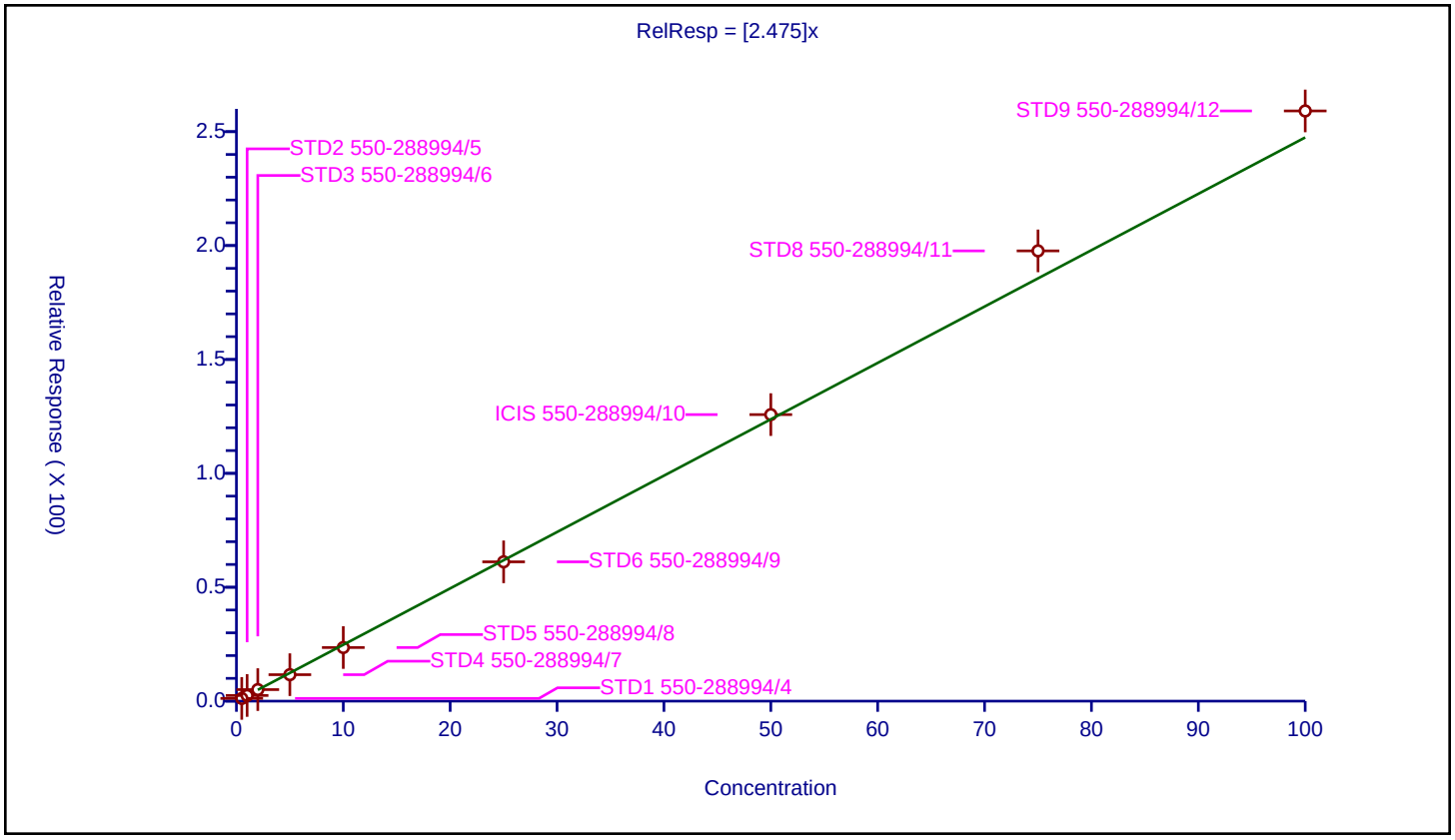
Curve Coefficients

Intercept:	0
Slope:	2.475

Error Coefficients

Standard Error:	269000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.193668	25.0	54454.0	2.387336	Y
2	STD2 550-288994/5	1.0	2.485247	25.0	59310.0	2.485247	Y
3	STD3 550-288994/6	2.0	5.067762	25.0	55710.0	2.533881	Y
4	STD4 550-288994/7	5.0	11.618206	25.0	66342.0	2.323641	Y
5	STD5 550-288994/8	10.0	23.526719	25.0	65534.0	2.352672	Y
6	STD6 550-288994/9	25.0	61.15893	25.0	58787.0	2.446357	Y
7	ICIS 550-288994/10	50.0	125.797739	25.0	53965.0	2.515955	Y
8	STD8 550-288994/11	75.0	197.664428	25.0	54644.0	2.635526	Y
9	STD9 550-288994/12	100.0	259.096245	25.0	52387.0	2.590962	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

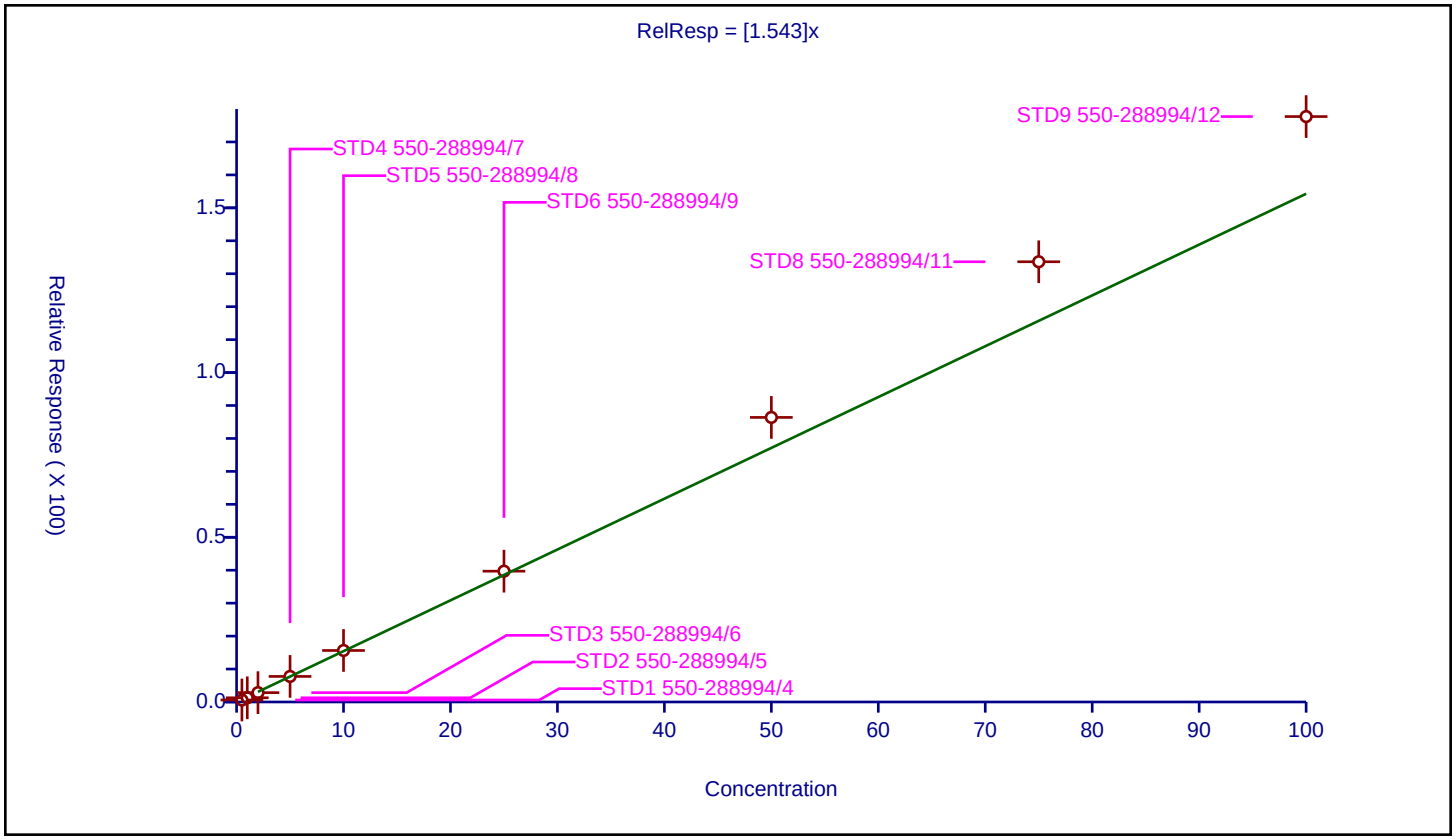
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Standard Error:	184000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.600507	25.0	54454.0	1.201014	Y
2	STD2 550-288994/5	1.0	1.272973	25.0	59310.0	1.272973	Y
3	STD3 550-288994/6	2.0	2.839257	25.0	55710.0	1.419628	Y
4	STD4 550-288994/7	5.0	7.762428	25.0	66342.0	1.552486	Y
5	STD5 550-288994/8	10.0	15.631962	25.0	65534.0	1.563196	Y
6	STD6 550-288994/9	25.0	39.708609	25.0	58787.0	1.588344	Y
7	ICIS 550-288994/10	50.0	86.379598	25.0	53965.0	1.727592	Y
8	STD8 550-288994/11	75.0	133.630408	25.0	54644.0	1.781739	Y
9	STD9 550-288994/12	100.0	177.712028	25.0	52387.0	1.77712	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

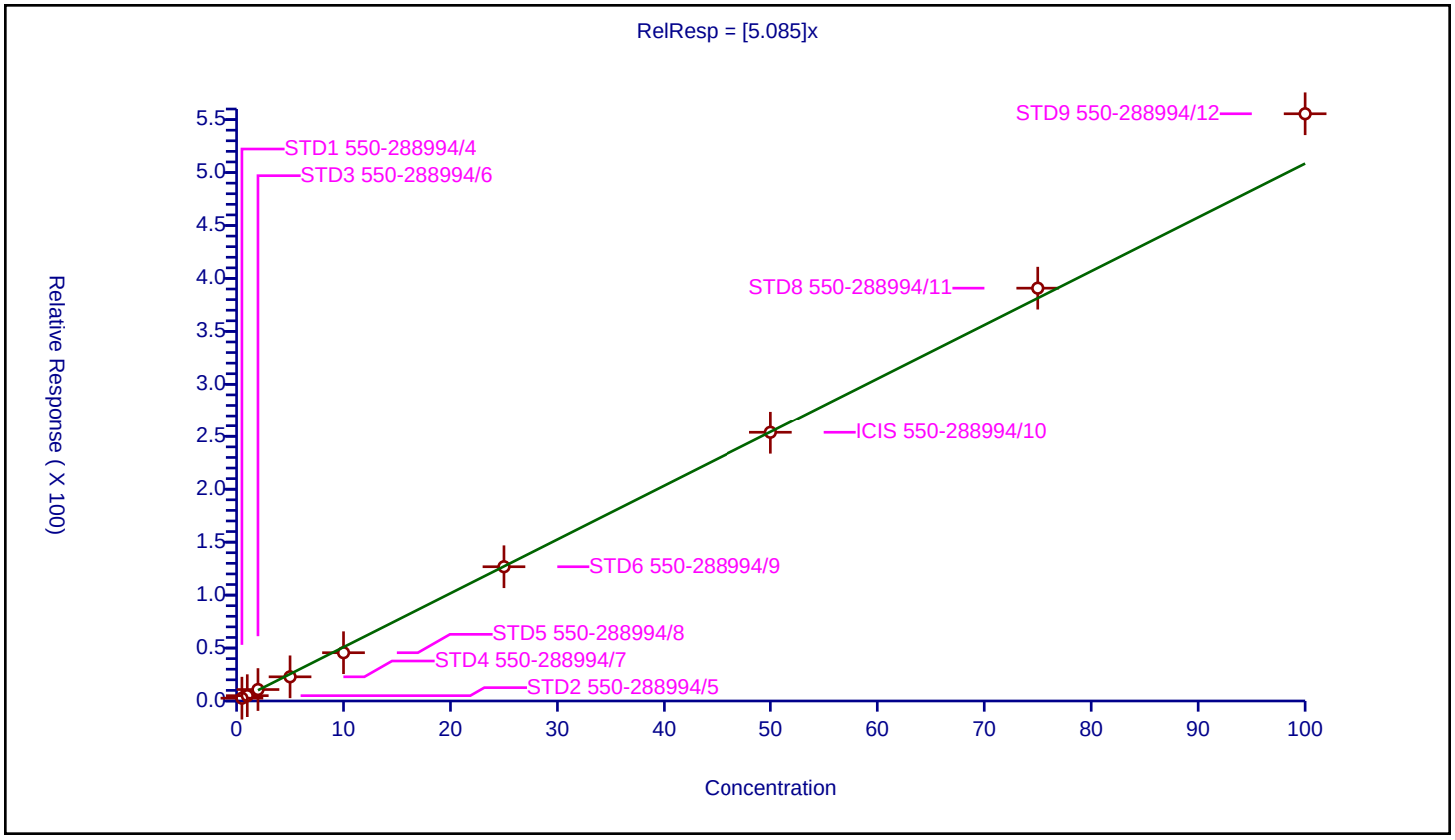
Curve Coefficients

Intercept:	0
Slope:	5.085

Error Coefficients

Standard Error:	558000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.645352	25.0	54454.0	5.290704	Y
2	STD2 550-288994/5	1.0	5.024869	25.0	59310.0	5.024869	Y
3	STD3 550-288994/6	2.0	10.821217	25.0	55710.0	5.410609	Y
4	STD4 550-288994/7	5.0	22.829429	25.0	66342.0	4.565886	Y
5	STD5 550-288994/8	10.0	45.588168	25.0	65534.0	4.558817	Y
6	STD6 550-288994/9	25.0	126.791638	25.0	58787.0	5.071666	Y
7	ICIS 550-288994/10	50.0	253.78903	25.0	53965.0	5.075781	Y
8	STD8 550-288994/11	75.0	390.824702	25.0	54644.0	5.210996	Y
9	STD9 550-288994/12	100.0	555.513295	25.0	52387.0	5.555133	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

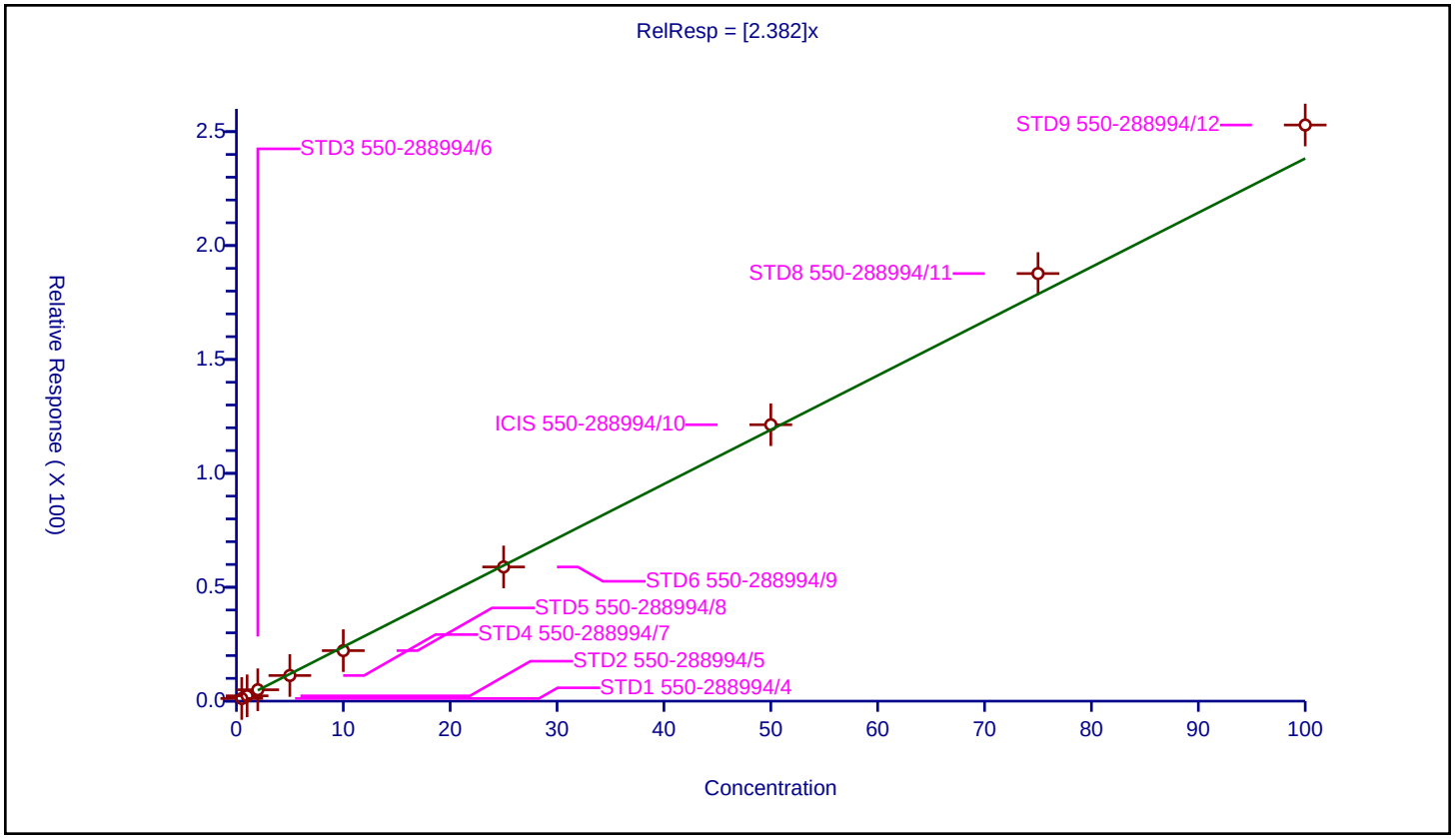
Curve Coefficients

Intercept:	0
Slope:	2.382

Error Coefficients

Standard Error:	260000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.163367	25.0	54454.0	2.326734	Y
2	STD2 550-288994/5	1.0	2.33013	25.0	59310.0	2.33013	Y
3	STD3 550-288994/6	2.0	5.000449	25.0	55710.0	2.500224	Y
4	STD4 550-288994/7	5.0	11.259459	25.0	66342.0	2.251892	Y
5	STD5 550-288994/8	10.0	22.170553	25.0	65534.0	2.217055	Y
6	STD6 550-288994/9	25.0	58.916937	25.0	58787.0	2.356677	Y
7	ICIS 550-288994/10	50.0	121.351339	25.0	53965.0	2.427027	Y
8	STD8 550-288994/11	75.0	187.712741	25.0	54644.0	2.502837	Y
9	STD9 550-288994/12	100.0	252.925821	25.0	52387.0	2.529258	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-288978/2 Calibration Date: 11/18/2022 10:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2718		73.0	50.0	146	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5197		51.2	50.0	102	60-140
Chloromethane	Ave	0.4137	0.4592	0.1000	55.5	50.0	111	48-144
Vinyl chloride	Ave	0.3739	0.5268		70.4	50.0	141*	80-120
Butadiene	Ave	0.3760	0.5007		66.6	50.0	133	50-141
Bromomethane	Ave	0.2173	0.2436		56.1	50.0	112	40-144
Chloroethane	Ave	0.2134	0.2890		67.7	50.0	135*	60-132
Trichlorofluoromethane	Ave	0.5470	0.6501		59.4	50.0	119	68-136
Ethanol	Lin1		0.1993		1630	1000	163*	36-150
1,1-Dichloroethene	Ave	0.2971	0.3424		57.6	50.0	115	80-120
Freon 113	Ave	0.3046	0.3572		58.7	50.0	117	76-124
Acetone	Lin1		0.1017		57.1	50.0	114	12-150
Iodomethane	Ave	0.5343	0.6245		58.4	50.0	117	40-150
Carbon disulfide	Ave	0.8222	1.071		65.1	50.0	130	64-136
Methylene Chloride	Lin1		0.3415		58.9	50.0	118	68-128
2-Methyl-2-propanol	Lin2		1.317		266	250	106	70-134
Methyl tert-butyl ether	Ave	0.6526	0.7692		58.9	50.0	118	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3733		59.3	50.0	119	76-120
Hexane	Ave	0.3912	0.4874		62.3	50.0	125	56-150
1,1-Dichloroethane	Ave	0.4939	0.6004	0.1000	60.8	50.0	122	72-124
Vinyl acetate	Ave	0.0383	0.0503		65.7	50.0	131	48-150
Isopropyl ether	Ave	0.7076	0.8848		62.5	50.0	125	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.8500		61.8	50.0	124	72-140
2-Butanone (MEK)	Ave	0.0272	0.0330		60.7	50.0	121	44-150
2,2-Dichloropropane	Ave	0.4545	0.5716		62.9	50.0	126	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4847		52.7	50.0	105	72-128
Chlorobromomethane	Ave	0.1603	0.1852		57.8	50.0	116	72-132
Tetrahydrofuran	Lin1		0.0353		50.9	50.0	102	64-139
Chloroform	Ave	0.5149	0.6021		58.5	50.0	117	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.5733		57.9	50.0	116	72-132
Carbon tetrachloride	Ave	0.6413	0.6565		51.2	50.0	102	72-136
1,1-Dichloropropene	Ave	0.5271	0.5552		52.7	50.0	105	76-128
Benzene	Ave	1.525	1.611		52.8	50.0	106	76-120
1,2-Dichloroethane	Ave	0.4516	0.4508		49.9	50.0	100	68-136
Tert-amyl methyl ether	Ave	0.9025	0.9525		52.8	50.0	106	68-140
Trichloroethene	Ave	0.4237	0.4407		52.0	50.0	104	80-120
1,2-Dichloropropane	Ave	0.3390	0.3609		53.2	50.0	106	80-120
Dibromomethane	Ave	0.2171	0.2195		50.5	50.0	101	72-132
Dichlorobromomethane	Ave	0.4894	0.5037		51.5	50.0	103	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1744		50.7	50.0	101	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5800		52.8	50.0	106	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-288978/2 Calibration Date: 11/18/2022 10:48

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182203.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2674		54.9	50.0	110	60-144
Toluene	Ave	0.9499	1.005		52.9	50.0	106	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4922		53.2	50.0	106	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2897		50.8	50.0	102	72-132
Tetrachloroethene	Ave	0.4284	0.4466		52.1	50.0	104	76-128
1,3-Dichloropropane	Ave	0.4577	0.4744		51.8	50.0	104	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1937		57.7	50.0	115	52-150
Chlorodibromomethane	Ave	0.3686	0.3652		49.5	50.0	99	80-128
1,2-Dibromoethane	Ave	0.2938	0.2998		51.0	50.0	102	80-128
Chlorobenzene	Ave	1.109	1.151	0.3000	51.9	50.0	104	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.4238		51.5	50.0	103	76-124
Ethylbenzene	Ave	1.773	1.894		53.4	50.0	107	80-120
m-Xylene & p-Xylene	Ave	1.271	1.281		50.4	50.0	101	80-120
o-Xylene	Ave	1.271	1.274		50.1	50.0	100	72-128
Styrene	Ave	2.071	2.062		49.8	50.0	100	84-124
Bromoform	Lin1		0.3956	0.1000	38.2	50.0	76	68-132
Isopropylbenzene	Ave	3.305	3.356		50.8	50.0	102	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5784	0.3000	47.3	50.0	95	68-132
Bromobenzene	Ave	0.9030	0.8720		48.3	50.0	97	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0876		33.9	50.0	68	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1732		44.6	50.0	89	76-128
N-Propylbenzene	Ave	3.693	3.762		50.9	50.0	102	76-132
2-Chlorotoluene	Ave	2.491	2.532		50.8	50.0	102	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.787		50.3	50.0	101	80-128
4-Chlorotoluene	Ave	2.214	2.239		50.6	50.0	101	80-124
tert-Butylbenzene	Ave	2.497	2.609		52.2	50.0	104	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.757		52.1	50.0	104	80-128
sec-Butylbenzene	Ave	3.163	3.294		52.1	50.0	104	80-128
1,3-Dichlorobenzene	Ave	1.726	1.743		50.5	50.0	101	80-124
4-Isopropyltoluene	Ave	3.024	3.258		53.9	50.0	108	80-128
1,4-Dichlorobenzene	Ave	1.705	1.705		50.0	50.0	100	76-120
n-Butylbenzene	Ave	2.511	2.783		55.4	50.0	111	76-132
1,2-Dichlorobenzene	Ave	1.627	1.599		49.2	50.0	98	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1084		46.9	50.0	94	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.299		53.2	50.0	106	76-128
Hexachlorobutadiene	Ave	0.7555	0.8424		55.8	50.0	112	76-132
Naphthalene	Ave	2.367	2.281		48.2	50.0	96	68-136
1,2,3-Trichlorobenzene	Ave	1.115	1.130		50.7	50.0	101	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.3334		46.6	40.0	117	80-120
Toluene-d8 (Surr)	Ave	1.453	1.540		42.4	40.0	106	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.8833		39.6	40.0	99	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-289041/2 Calibration Date: 11/18/2022 22:19

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2344		62.9	50.0	126	28-150
Dichlorodifluoromethane	Ave	0.5076	0.4584		45.1	50.0	90	60-140
Chloromethane	Ave	0.4137	0.3653	0.1000	44.1	50.0	88	48-144
Vinyl chloride	Ave	0.3739	0.4369		58.4	50.0	117	80-120
Butadiene	Ave	0.3760	0.4059		54.0	50.0	108	50-141
Bromomethane	Ave	0.2173	0.2144		49.3	50.0	99	40-144
Chloroethane	Ave	0.2134	0.2365		55.4	50.0	111	60-132
Trichlorofluoromethane	Ave	0.5470	0.5778		52.8	50.0	106	68-136
Ethanol	Lin1		0.1109		901	1000	90	36-150
1,1-Dichloroethene	Ave	0.2971	0.2943		49.5	50.0	99	80-120
Freon 113	Ave	0.3046	0.3205		52.6	50.0	105	76-124
Acetone	Lin1		0.1026		57.7	50.0	115	12-150
Iodomethane	Ave	0.5343	0.5291		49.5	50.0	99	40-150
Carbon disulfide	Ave	0.8222	0.9077		55.2	50.0	110	64-136
Methylene Chloride	Lin1		0.2792		48.1	50.0	96	68-128
2-Methyl-2-propanol	Lin2		1.109		224	250	89	70-134
Methyl tert-butyl ether	Ave	0.6526	0.5922		45.4	50.0	91	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3103		49.3	50.0	99	76-120
Hexane	Ave	0.3912	0.4251		54.3	50.0	109	56-150
1,1-Dichloroethane	Ave	0.4939	0.4845	0.1000	49.0	50.0	98	72-124
Vinyl acetate	Ave	0.0383	0.0367		47.9	50.0	96	48-150
Isopropyl ether	Ave	0.7076	0.6617		46.8	50.0	94	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6310		45.9	50.0	92	72-140
2-Butanone (MEK)	Ave	0.0272	0.0299		55.0	50.0	110	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4006		43.6	50.0	87	72-128
2,2-Dichloropropane	Ave	0.4545	0.4512		49.6	50.0	99	64-140
Chlorobromomethane	Ave	0.1603	0.1462		45.6	50.0	91	72-132
Tetrahydrofuran	Lin1		0.0333		47.9	50.0	96	64-139
Chloroform	Ave	0.5149	0.4778		46.4	50.0	93	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4918		49.7	50.0	99	72-132
Carbon tetrachloride	Ave	0.6413	0.5903		46.0	50.0	92	72-136
1,1-Dichloropropene	Ave	0.5271	0.4805		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.335		43.8	50.0	88	76-120
1,2-Dichloroethane	Ave	0.4516	0.3617		40.0	50.0	80	68-136
Tert-amyl methyl ether	Ave	0.9025	0.7416		41.1	50.0	82	68-140
Trichloroethene	Ave	0.4237	0.3767		44.5	50.0	89	80-120
1,2-Dichloropropane	Ave	0.3390	0.2903		42.8	50.0	86	80-120
Dibromomethane	Ave	0.2171	0.1801		41.5	50.0	83	72-132
Dichlorobromomethane	Ave	0.4894	0.4104		41.9	50.0	84	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1384		40.3	50.0	81	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.4721		42.9	50.0	86	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-289041/2 Calibration Date: 11/18/2022 22:19

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2313		47.5	50.0	95	60-144
Toluene	Ave	0.9499	0.8343		43.9	50.0	88	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4001		43.3	50.0	87	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2340		41.1	50.0	82	72-132
Tetrachloroethene	Ave	0.4284	0.3871		45.2	50.0	90	76-128
1,3-Dichloropropane	Ave	0.4577	0.3833		41.9	50.0	84	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1739		51.8	50.0	104	52-150
Chlorodibromomethane	Ave	0.3686	0.3106		42.1	50.0	84	80-128
1,2-Dibromoethane	Ave	0.2938	0.2488		42.3	50.0	85	80-128
Chlorobenzene	Ave	1.109	0.9372	0.3000	42.2	50.0	84	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3393		41.2	50.0	82	76-124
Ethylbenzene	Ave	1.773	1.574		44.4	50.0	89	80-120
m-Xylene & p-Xylene	Ave	1.271	1.126		44.3	50.0	89	80-120
o-Xylene	Ave	1.271	1.102		43.4	50.0	87	72-128
Styrene	Ave	2.071	1.757		42.4	50.0	85	84-124
Bromoform	Lin1		0.3718	0.1000	35.9	50.0	72	68-132
Isopropylbenzene	Ave	3.305	3.072		46.5	50.0	93	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5040	0.3000	41.3	50.0	83	68-132
Bromobenzene	Ave	0.9030	0.7364		40.8	50.0	82	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0963		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1612		41.5	50.0	83	76-128
N-Propylbenzene	Ave	3.693	3.403		46.1	50.0	92	76-132
2-Chlorotoluene	Ave	2.491	2.190		44.0	50.0	88	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.388		43.1	50.0	86	80-128
4-Chlorotoluene	Ave	2.214	1.903		43.0	50.0	86	80-124
tert-Butylbenzene	Ave	2.497	2.376		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.308		43.6	50.0	87	80-128
sec-Butylbenzene	Ave	3.163	2.980		47.1	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.449		42.0	50.0	84	80-124
4-Isopropyltoluene	Ave	3.024	2.830		46.8	50.0	94	80-128
1,4-Dichlorobenzene	Ave	1.705	1.415		41.5	50.0	83	76-120
n-Butylbenzene	Ave	2.511	2.406		47.9	50.0	96	76-132
1,2-Dichlorobenzene	Ave	1.627	1.329		40.9	50.0	82	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1059		45.8	50.0	92	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.051		43.1	50.0	86	76-128
Hexachlorobutadiene	Ave	0.7555	0.7506		49.7	50.0	99	76-132
Naphthalene	Ave	2.367	2.046		43.2	50.0	86	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9408		42.2	50.0	84	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2658		37.2	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.283		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7388		33.2	40.0	83	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: ICV 550-288994/17 Calibration Date: 11/18/2022 16:14

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11182217.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.5589	0.2982		26.7	50.0	53*	59-143
Dichlorodifluoromethane	Ave	0.9938	0.6927		34.9	50.0	70	60-140
Chloromethane	Ave	0.9742	0.8364	0.1000	42.9	50.0	86	48-144
Vinyl chloride	Ave	1.074	0.9145		42.6	50.0	85	80-120
Butadiene	Ave	1.004	0.6978		34.7	50.0	69	50-141
Bromomethane	Lin2		0.5161		48.9	50.0	98	40-144
Chloroethane	Lin1		0.4372		47.2	50.0	94	60-132
Trichlorofluoromethane	Lin1		0.9639		44.1	50.0	88	68-136
Ethanol	Ave	0.1593	0.1489		467	500	93	36-150
1,1-Dichloroethene	Ave	0.6006	0.5534		46.1	50.0	92	80-120
Acetone	Lin1		0.1758		46.0	50.0	92	12-150
Freon 113	Ave	0.6912	0.6728		48.7	50.0	97	76-124
Iodomethane	Ave	1.060	0.9254		43.7	50.0	87	40-150
Carbon disulfide	Ave	2.066	1.727		41.8	50.0	84	64-136
Methylene Chloride	Lin1		0.4693		51.9	50.0	104	68-128
2-Methyl-2-propanol	Ave	1.252	1.367		273	250	109	70-134
trans-1,2-Dichloroethene	Ave	0.5567	0.4935		44.3	50.0	89	76-120
Methyl tert-butyl ether	Ave	1.022	1.062		52.0	50.0	104	64-140
Hexane	Ave	0.6399	0.5136		40.1	50.0	80	56-150
1,1-Dichloroethane	Ave	0.7569	0.6867	0.1000	45.4	50.0	91	72-124
Vinyl acetate	Ave	0.0345	0.0327		47.4	50.0	95	48-150
Isopropyl ether	Ave	1.013	1.034		51.0	50.0	102	72-132
Tert-butyl ethyl ether	Ave	0.9659	1.047		54.2	50.0	108	72-140
2,2-Dichloropropane	Ave	0.9423	0.8646		45.9	50.0	92	64-140
2-Butanone (MEK)	Ave	0.0328	0.0292		44.5	50.0	89	44-150
cis-1,2-Dichloroethene	Ave	0.8323	0.6796		40.8	50.0	82	72-128
Chlorobromomethane	Ave	0.1881	0.1827		48.6	50.0	97	72-132
Tetrahydrofuran	Ave	0.0582	0.0504		43.3	50.0	87	64-139
Chloroform	Ave	0.6734	0.5990		44.5	50.0	89	80-120
1,1,1-Trichloroethane	Ave	0.9160	0.8158		44.5	50.0	89	72-132
1,1-Dichloropropene	Lin1		0.7008		41.2	50.0	82	76-128
Carbon tetrachloride	Ave	1.486	1.207		40.6	50.0	81	72-136
Benzene	Ave	2.554	2.026		39.7	50.0	79	76-120
1,2-Dichloroethane	Ave	0.5314	0.4431		41.7	50.0	83	68-136
Tert-amyl methyl ether	Ave	1.605	1.561		48.6	50.0	97	68-140
Trichloroethene	Lin1		0.5022		41.6	50.0	83	80-120
1,2-Dichloropropane	Ave	0.4679	0.4056		43.3	50.0	87	80-120
Dibromomethane	Ave	0.2797	0.2314		41.4	50.0	83	72-132
Dichlorobromomethane	Ave	0.6639	0.5388		40.6	50.0	81	76-128
2-Chloroethyl vinyl ether	Ave	0.1401	0.1193		42.6	50.0	85	10-150
cis-1,3-Dichloropropene	Ave	0.6034	0.5171		42.8	50.0	86	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: ICV 550-288994/17 Calibration Date: 11/18/2022 16:14

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11182217.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Lin1		0.3327		44.0	50.0	88	60-144
Toluene	Ave	1.270	1.079		42.5	50.0	85	80-120
trans-1,3-Dichloropropene	Ave	0.4180	0.3614		43.2	50.0	86	68-140
1,1,2-Trichloroethane	Ave	0.2709	0.2418		44.6	50.0	89	72-132
Tetrachloroethene	Ave	0.5549	0.4692		42.3	50.0	85	76-128
1,3-Dichloropropane	Ave	0.3916	0.3519		44.9	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1773	0.1421		40.1	50.0	80	52-150
Chlorodibromomethane	Ave	0.3809	0.3508		46.1	50.0	92	80-128
1,2-Dibromoethane	Lin2		0.2242		42.3	50.0	85	80-128
Chlorobenzene	Ave	1.142	1.007	0.3000	44.1	50.0	88	80-120
1,1,1,2-Tetrachloroethane	Ave	0.6499	0.6212		47.8	50.0	96	76-124
Ethylbenzene	Ave	2.359	2.028		43.0	50.0	86	80-120
m-Xylene & p-Xylene	Ave	1.357	1.347		49.7	50.0	99	80-120
o-Xylene	Ave	1.560	1.659		53.2	50.0	106	72-128
Styrene	Ave	1.810	1.758		48.5	50.0	97	84-124
Bromoform	Lin1		0.4084	0.1000	44.8	50.0	90	68-132
Isopropylbenzene	Ave	4.872	5.040		51.7	50.0	103	76-132
1,1,2,2-Tetrachloroethane	Ave	0.7292	0.7370	0.3000	50.5	50.0	101	68-132
trans-1,4-Dichloro-2-butene	Ave	0.1127	0.0949		42.1	50.0	84	48-138
Bromobenzene	Ave	0.7534	0.7438		49.4	50.0	99	76-128
1,2,3-Trichloropropane	Ave	0.1841	0.1877		51.0	50.0	102	76-128
N-Propylbenzene	Ave	4.864	4.653		47.8	50.0	96	76-132
2-Chlorotoluene	Ave	3.188	3.126		49.0	50.0	98	80-124
1,3,5-Trimethylbenzene	Ave	3.901	4.059		52.0	50.0	104	80-128
4-Chlorotoluene	Ave	2.255	2.064		45.8	50.0	92	80-124
tert-Butylbenzene	Lin1		3.624		42.9	50.0	86	76-132
1,2,4-Trimethylbenzene	Ave	3.778	3.788		50.1	50.0	100	80-128
sec-Butylbenzene	Ave	5.206	5.207		50.0	50.0	100	80-128
1,3-Dichlorobenzene	Ave	1.790	1.668		46.6	50.0	93	80-124
4-Isopropyltoluene	Ave	4.790	4.827		50.4	50.0	101	80-128
1,4-Dichlorobenzene	Ave	1.708	1.578		46.2	50.0	92	76-120
n-Butylbenzene	Ave	4.433	3.991		45.0	50.0	90	76-132
1,2-Dichlorobenzene	Ave	1.986	1.926		48.5	50.0	97	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.2347	0.2233		47.6	50.0	95	64-128
1,2,4-Trichlorobenzene	Ave	2.475	2.539		51.3	50.0	103	76-128
Hexachlorobutadiene	Ave	1.543	1.431		46.4	50.0	93	76-132
Naphthalene	Ave	5.085	5.083		50.0	50.0	100	68-136
1,2,3-Trichlorobenzene	Ave	2.382	2.458		51.6	50.0	103	72-128
Dibromofluoromethane (Surr)	Ave	0.3135	0.2871		36.6	40.0	92	80-120
Toluene-d8 (Surr)	Ave	1.800	1.464		32.5	40.0	81	80-120
4-Bromofluorobenzene (Surr)	Ave	0.7520	0.6632		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-289135/2 Calibration Date: 11/21/2022 12:45

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11212209.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.5589	0.4354		39.0	50.0	78	28-150
Dichlorodifluoromethane	Ave	0.9938	0.8930		44.9	50.0	90	60-140
Chloromethane	Ave	0.9742	0.7572	0.1000	38.9	50.0	78	48-144
Vinyl chloride	Ave	1.074	0.9387		43.7	50.0	87	80-120
Butadiene	Ave	1.004	0.7920		39.4	50.0	79	50-141
Bromomethane	Lin2		0.5237		49.6	50.0	99	40-144
Chloroethane	Lin1		0.4399		47.4	50.0	95	60-132
Trichlorofluoromethane	Lin1		1.101		50.4	50.0	101	68-136
Ethanol	Ave	0.1593	0.1217		764	1000	76	36-150
1,1-Dichloroethene	Ave	0.6006	0.5066		42.2	50.0	84	80-120
Acetone	Lin1		0.1778		46.5	50.0	93	12-150
Freon 113	Ave	0.6912	0.6757		48.9	50.0	98	76-124
Iodomethane	Ave	1.060	0.9422		44.5	50.0	89	40-150
Carbon disulfide	Ave	2.066	1.734		42.0	50.0	84	64-136
Methylene Chloride	Lin1		0.4154		45.9	50.0	92	68-128
2-Methyl-2-propanol	Ave	1.252	1.059		211	250	85	70-134
Methyl tert-butyl ether	Ave	1.022	0.9705		47.5	50.0	95	64-140
trans-1,2-Dichloroethene	Ave	0.5567	0.4684		42.1	50.0	84	76-120
Hexane	Ave	0.6399	0.5489		42.9	50.0	86	56-150
1,1-Dichloroethane	Ave	0.7569	0.6303	0.1000	41.6	50.0	83	72-124
Vinyl acetate	Ave	0.0345	0.0306		44.4	50.0	89	48-150
Isopropyl ether	Ave	1.013	0.8970		44.3	50.0	89	72-132
Tert-butyl ethyl ether	Ave	0.9659	0.9282		48.0	50.0	96	72-140
2-Butanone (MEK)	Ave	0.0328	0.0280		42.7	50.0	85	44-150
2,2-Dichloropropane	Ave	0.9423	0.8265		43.9	50.0	88	64-140
cis-1,2-Dichloroethene	Ave	0.8323	0.6964		41.8	50.0	84	72-128
Chlorobromomethane	Ave	0.1881	0.1730		46.0	50.0	92	72-132
Tetrahydrofuran	Ave	0.0582	0.0549		47.2	50.0	94	64-139
Chloroform	Ave	0.6734	0.5582		41.5	50.0	83	80-120
1,1,1-Trichloroethane	Ave	0.9160	0.7960		43.4	50.0	87	72-132
1,1-Dichloropropene	Lin1		0.7684		45.2	50.0	90	76-128
Carbon tetrachloride	Ave	1.486	1.325		44.6	50.0	89	72-136
Benzene	Ave	2.554	2.002		39.2	50.0	78	76-120
1,2-Dichloroethane	Ave	0.5314	0.4547		42.8	50.0	86	68-136
Tert-amyl methyl ether	Ave	1.605	1.564		48.7	50.0	97	68-140
Trichloroethene	Lin1		0.5246		43.5	50.0	87	80-120
1,2-Dichloropropane	Ave	0.4679	0.3819		40.8	50.0	82	80-120
Dibromomethane	Ave	0.2797	0.2356		42.1	50.0	84	72-132
Dichlorobromomethane	Ave	0.6639	0.5219		39.3	50.0	79	76-128
2-Chloroethyl vinyl ether	Ave	0.1401	0.1122		40.0	50.0	80	10-150
cis-1,3-Dichloropropene	Ave	0.6034	0.4827		40.0	50.0	80	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Lab Sample ID: CCVIS 550-289135/2 Calibration Date: 11/21/2022 12:45

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11212209.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Lin1		0.3410		45.1	50.0	90	60-144
Toluene	Ave	1.270	1.042		41.1	50.0	82	80-120
trans-1,3-Dichloropropene	Ave	0.4180	0.3293		39.4	50.0	79	68-140
1,1,2-Trichloroethane	Ave	0.2709	0.2292		42.3	50.0	85	72-132
Tetrachloroethene	Ave	0.5549	0.4987		44.9	50.0	90	76-128
1,3-Dichloropropane	Ave	0.3916	0.3234		41.3	50.0	83	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1773	0.1387		39.1	50.0	78	52-150
Chlorodibromomethane	Ave	0.3809	0.3277		43.0	50.0	86	80-128
1,2-Dibromoethane	Lin2		0.2114		39.9	50.0	80	80-128
Chlorobenzene	Ave	1.142	0.9275	0.3000	40.6	50.0	81	80-120
1,1,1,2-Tetrachloroethane	Ave	0.6499	0.5966		45.9	50.0	92	76-124
Ethylbenzene	Ave	2.359	1.926		40.8	50.0	82	80-120
m-Xylene & p-Xylene	Ave	1.357	1.298		47.9	50.0	96	80-120
o-Xylene	Ave	1.560	1.555		49.8	50.0	100	72-128
Styrene	Ave	1.810	1.570		43.4	50.0	87	84-124
Bromoform	Lin1		0.3731	0.1000	41.0	50.0	82	68-132
Isopropylbenzene	Ave	4.872	4.976		51.1	50.0	102	76-132
1,1,2,2-Tetrachloroethane	Ave	0.7292	0.6588	0.3000	45.2	50.0	90	68-132
trans-1,4-Dichloro-2-butene	Ave	0.1127	0.0924		41.0	50.0	82	48-138
Bromobenzene	Ave	0.7534	0.6710		44.5	50.0	89	76-128
1,2,3-Trichloropropane	Ave	0.1841	0.1769		48.1	50.0	96	76-128
N-Propylbenzene	Ave	4.864	4.441		45.7	50.0	91	76-132
2-Chlorotoluene	Ave	3.188	2.905		45.6	50.0	91	80-124
1,3,5-Trimethylbenzene	Ave	3.901	3.826		49.0	50.0	98	80-128
4-Chlorotoluene	Ave	2.255	1.833		40.6	50.0	81	80-124
tert-Butylbenzene	Lin1		3.681		43.6	50.0	87	76-132
1,2,4-Trimethylbenzene	Ave	3.778	3.483		46.1	50.0	92	80-128
sec-Butylbenzene	Ave	5.206	5.388		51.7	50.0	103	80-128
1,3-Dichlorobenzene	Ave	1.790	1.496		41.8	50.0	84	80-124
4-Isopropyltoluene	Ave	4.790	4.814		50.3	50.0	101	80-128
1,4-Dichlorobenzene	Ave	1.708	1.403		41.1	50.0	82	76-120
n-Butylbenzene	Ave	4.433	3.952		44.6	50.0	89	76-132
1,2-Dichlorobenzene	Ave	1.986	1.735		43.7	50.0	87	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.2347	0.2078		44.3	50.0	89	64-128
1,2,4-Trichlorobenzene	Ave	2.475	2.240		45.3	50.0	91	76-128
Hexachlorobutadiene	Ave	1.543	1.501		48.7	50.0	97	76-132
Naphthalene	Ave	5.085	4.623		45.5	50.0	91	68-136
1,2,3-Trichlorobenzene	Ave	2.382	2.202		46.2	50.0	92	72-128
Dibromofluoromethane (Surr)	Ave	0.3135	0.2849		36.4	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.800	1.549		34.4	40.0	86	80-120
4-Bromofluorobenzene (Surr)	Ave	0.7520	0.6442		34.3	40.0	86	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288978/6

Matrix: Water | Lab File ID: 11182208.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288978/6

Matrix: Water | Lab File ID: 11182208.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.900	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288978/6

Matrix: Water Lab File ID: 11182208.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 13:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289041/6

Matrix: Water | Lab File ID: 11182237.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289041/6

Matrix: Water | Lab File ID: 11182237.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-289041/6

Matrix: Water Lab File ID: 11182237.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289135/6

Matrix: Water | Lab File ID: 11212213.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289135/6

Matrix: Water | Lab File ID: 11212213.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-289135/6

Matrix: Water Lab File ID: 11212213.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288978/1002

Matrix: Water | Lab File ID: -11182203-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	51.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	57.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	47.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	50.8		2.0	0.54
75-34-3	1,1-Dichloroethane	60.8		2.0	0.49
75-35-4	1,1-Dichloroethene	57.6		5.0	0.54
563-58-6	1,1-Dichloropropene	52.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	50.7		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.6		10	3.5
120-82-1	1,2,4-Trichlorobenzene	53.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.9		5.0	3.8
106-93-4	1,2-Dibromoethane	51.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	49.2		2.0	0.49
107-06-2	1,2-Dichloroethane	49.9		2.0	0.53
78-87-5	1,2-Dichloropropane	53.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	50.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	50.5		2.0	0.48
142-28-9	1,3-Dichloropropane	51.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	50.0		2.0	0.51
594-20-7	2,2-Dichloropropane	62.9		2.0	0.57
78-93-3	2-Butanone (MEK)	60.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	57.7		10	3.3
106-43-4	4-Chlorotoluene	50.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	54.9		10	1.2
67-64-1	Acetone	57.1		20	9.8
71-43-2	Benzene	52.8		2.0	0.52
108-86-1	Bromobenzene	48.3		5.0	0.49
74-97-5	Chlorobromomethane	57.8		5.0	0.48
75-27-4	Dichlorobromomethane	51.5		2.0	0.50
75-25-2	Bromoform	38.2		5.0	0.64
74-83-9	Bromomethane	56.1		10	5.2
75-15-0	Carbon disulfide	65.1		5.0	1.8
56-23-5	Carbon tetrachloride	51.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288978/1002

Matrix: Water | Lab File ID: -11182203-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	51.9		2.0	0.48
75-00-3	Chloroethane	67.7		5.0	0.62
67-66-3	Chloroform	58.5		2.0	0.48
74-87-3	Chloromethane	55.5		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	52.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	52.8		2.0	0.46
124-48-1	Chlorodibromomethane	49.5		2.0	0.47
74-95-3	Dibromomethane	50.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	51.2		5.0	0.84
100-41-4	Ethylbenzene	53.4		2.0	0.50
76-13-1	Freon 113	58.7		5.0	0.53
87-68-3	Hexachlorobutadiene	55.8		5.0	1.4
74-88-4	Iodomethane	58.4		2.0	0.53
98-82-8	Isopropylbenzene	50.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	58.9		1.0	0.52
75-09-2	Methylene Chloride	58.9		5.0	4.4
91-20-3	Naphthalene	48.2		5.0	2.2
104-51-8	n-Butylbenzene	55.4		5.0	0.55
103-65-1	N-Propylbenzene	50.9		2.0	0.49
95-47-6	o-Xylene	50.1		5.0	0.47
99-87-6	4-Isopropyltoluene	53.9		2.0	0.51
135-98-8	sec-Butylbenzene	52.1		5.0	0.48
100-42-5	Styrene	49.8		2.0	0.49
98-06-6	tert-Butylbenzene	52.2		5.0	0.45
127-18-4	Tetrachloroethene	52.1		2.0	0.48
108-88-3	Toluene	52.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	59.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	53.2		2.0	0.65
79-01-6	Trichloroethene	52.0		2.0	0.54
75-69-4	Trichlorofluoromethane	59.4		5.0	0.63
108-05-4	Vinyl acetate	65.7		25	4.1
75-01-4	Vinyl chloride	70.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288978/1002

Matrix: Water Lab File ID: -11182203-LCS.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289041/1002

Matrix: Water | Lab File ID: -11182234-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	41.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.7		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	41.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	41.1		2.0	0.54
75-34-3	1,1-Dichloroethane	49.0		2.0	0.49
75-35-4	1,1-Dichloroethene	49.5		5.0	0.54
563-58-6	1,1-Dichloropropene	45.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	41.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	43.1		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	43.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.8		5.0	3.8
106-93-4	1,2-Dibromoethane	42.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	40.9		2.0	0.49
107-06-2	1,2-Dichloroethane	40.0		2.0	0.53
78-87-5	1,2-Dichloropropane	42.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	43.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	42.0		2.0	0.48
142-28-9	1,3-Dichloropropane	41.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	41.5		2.0	0.51
594-20-7	2,2-Dichloropropane	49.6		2.0	0.57
78-93-3	2-Butanone (MEK)	55.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	51.8		10	3.3
106-43-4	4-Chlorotoluene	43.0		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	47.5		10	1.2
67-64-1	Acetone	57.7		20	9.8
71-43-2	Benzene	43.8		2.0	0.52
108-86-1	Bromobenzene	40.8		5.0	0.49
74-97-5	Chlorobromomethane	45.6		5.0	0.48
75-27-4	Dichlorobromomethane	41.9		2.0	0.50
75-25-2	Bromoform	35.9		5.0	0.64
74-83-9	Bromomethane	49.3		10	5.2
75-15-0	Carbon disulfide	55.2		5.0	1.8
56-23-5	Carbon tetrachloride	46.0		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289041/1002

Matrix: Water | Lab File ID: -11182234-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.2		2.0	0.48
75-00-3	Chloroethane	55.4		5.0	0.62
67-66-3	Chloroform	46.4		2.0	0.48
74-87-3	Chloromethane	44.1		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	43.6		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	42.9		2.0	0.46
124-48-1	Chlorodibromomethane	42.1		2.0	0.47
74-95-3	Dibromomethane	41.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	45.1		5.0	0.84
100-41-4	Ethylbenzene	44.4		2.0	0.50
76-13-1	Freon 113	52.6		5.0	0.53
87-68-3	Hexachlorobutadiene	49.7		5.0	1.4
74-88-4	Iodomethane	49.5		2.0	0.53
98-82-8	Isopropylbenzene	46.5		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	44.3		5.0	0.97
1634-04-4	Methyl tert-butyl ether	45.4		1.0	0.52
75-09-2	Methylene Chloride	48.1		5.0	4.4
91-20-3	Naphthalene	43.2		5.0	2.2
104-51-8	n-Butylbenzene	47.9		5.0	0.55
103-65-1	N-Propylbenzene	46.1		2.0	0.49
95-47-6	o-Xylene	43.4		5.0	0.47
99-87-6	4-Isopropyltoluene	46.8		2.0	0.51
135-98-8	sec-Butylbenzene	47.1		5.0	0.48
100-42-5	Styrene	42.4		2.0	0.49
98-06-6	tert-Butylbenzene	47.6		5.0	0.45
127-18-4	Tetrachloroethene	45.2		2.0	0.48
108-88-3	Toluene	43.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	49.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	43.3		2.0	0.65
79-01-6	Trichloroethene	44.5		2.0	0.54
75-69-4	Trichlorofluoromethane	52.8		5.0	0.63
108-05-4	Vinyl acetate	47.9		25	4.1
75-01-4	Vinyl chloride	58.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289041/1002

Matrix: Water Lab File ID: -11182234-LCS.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289135/3

Matrix: Water | Lab File ID: 11212210.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	47.6		5.0	0.45
71-55-6	1,1,1-Trichloroethane	47.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	41.6		2.0	0.54
75-34-3	1,1-Dichloroethane	41.6		2.0	0.49
75-35-4	1,1-Dichloroethene	47.4		5.0	0.54
563-58-6	1,1-Dichloropropene	49.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.6		5.0	3.3
96-18-4	1,2,3-Trichloropropane	46.2		10	3.5
120-82-1	1,2,4-Trichlorobenzene	46.5		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	44.8		5.0	3.8
106-93-4	1,2-Dibromoethane	40.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.1		2.0	0.49
107-06-2	1,2-Dichloroethane	42.4		2.0	0.53
78-87-5	1,2-Dichloropropane	41.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	49.9		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.1		2.0	0.48
142-28-9	1,3-Dichloropropane	40.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	42.3		2.0	0.51
594-20-7	2,2-Dichloropropane	47.0		2.0	0.57
78-93-3	2-Butanone (MEK)	39.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	36.0		10	3.3
106-43-4	4-Chlorotoluene	40.9		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	42.3		10	1.2
67-64-1	Acetone	42.2		20	9.8
71-43-2	Benzene	40.9		2.0	0.52
108-86-1	Bromobenzene	44.5		5.0	0.49
74-97-5	Chlorobromomethane	43.5		5.0	0.48
75-27-4	Dichlorobromomethane	39.8		2.0	0.50
75-25-2	Bromoform	39.5		5.0	0.64
74-83-9	Bromomethane	54.2		10	5.2
75-15-0	Carbon disulfide	46.9		5.0	1.8
56-23-5	Carbon tetrachloride	50.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289135/3

Matrix: Water | Lab File ID: 11212210.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.5		2.0	0.48
75-00-3	Chloroethane	51.6		5.0	0.62
67-66-3	Chloroform	40.4		2.0	0.48
74-87-3	Chloromethane	42.7		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	42.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	40.7		2.0	0.46
124-48-1	Chlorodibromomethane	43.1		2.0	0.47
74-95-3	Dibromomethane	42.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.7		5.0	0.84
100-41-4	Ethylbenzene	43.0		2.0	0.50
76-13-1	Freon 113	56.1		5.0	0.53
87-68-3	Hexachlorobutadiene	53.6		5.0	1.4
74-88-4	Iodomethane	46.6		2.0	0.53
98-82-8	Isopropylbenzene	52.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	44.2		1.0	0.52
75-09-2	Methylene Chloride	45.2		5.0	4.4
91-20-3	Naphthalene	46.9		5.0	2.2
104-51-8	n-Butylbenzene	47.0		5.0	0.55
103-65-1	N-Propylbenzene	46.9		2.0	0.49
95-47-6	o-Xylene	48.6		5.0	0.47
99-87-6	4-Isopropyltoluene	52.0		2.0	0.51
135-98-8	sec-Butylbenzene	54.5		5.0	0.48
100-42-5	Styrene	42.4		2.0	0.49
98-06-6	tert-Butylbenzene	46.0		5.0	0.45
127-18-4	Tetrachloroethene	49.8		2.0	0.48
108-88-3	Toluene	43.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	43.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	40.6		2.0	0.65
79-01-6	Trichloroethene	47.3		2.0	0.54
75-69-4	Trichlorofluoromethane	56.2		5.0	0.63
108-05-4	Vinyl acetate	40.7		25	4.1
75-01-4	Vinyl chloride	49.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289135/3

Matrix: Water Lab File ID: 11212210.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288978/4

Matrix: Water | Lab File ID: 11182204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	54.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	61.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	52.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	55.8		2.0	0.54
75-34-3	1,1-Dichloroethane	63.7		2.0	0.49
75-35-4	1,1-Dichloroethene	60.5		5.0	0.54
563-58-6	1,1-Dichloropropene	55.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	53.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	49.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	54.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	53.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	54.9		5.0	3.8
106-93-4	1,2-Dibromoethane	56.5		2.0	0.47
95-50-1	1,2-Dichlorobenzene	51.1		2.0	0.49
107-06-2	1,2-Dichloroethane	54.6		2.0	0.53
78-87-5	1,2-Dichloropropane	57.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.4		2.0	0.48
541-73-1	1,3-Dichlorobenzene	52.1		2.0	0.48
142-28-9	1,3-Dichloropropane	56.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	51.8		2.0	0.51
594-20-7	2,2-Dichloropropane	65.7		2.0	0.57
78-93-3	2-Butanone (MEK)	70.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	69.3		10	3.3
106-43-4	4-Chlorotoluene	52.2		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	63.6		10	1.2
67-64-1	Acetone	67.7		20	9.8
71-43-2	Benzene	55.9		2.0	0.52
108-86-1	Bromobenzene	50.7		5.0	0.49
74-97-5	Chlorobromomethane	61.7		5.0	0.48
75-27-4	Dichlorobromomethane	56.0		2.0	0.50
75-25-2	Bromoform	43.1		5.0	0.64
74-83-9	Bromomethane	60.3		10	5.2
75-15-0	Carbon disulfide	68.6		5.0	1.8
56-23-5	Carbon tetrachloride	54.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288978/4

Matrix: Water | Lab File ID: 11182204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	54.9		2.0	0.48
75-00-3	Chloroethane	71.0		5.0	0.62
67-66-3	Chloroform	61.8		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	55.8		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	58.1		2.0	0.46
124-48-1	Chlorodibromomethane	55.3		2.0	0.47
74-95-3	Dibromomethane	55.1		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	56.4		2.0	0.50
76-13-1	Freon 113	61.2		5.0	0.53
87-68-3	Hexachlorobutadiene	54.4		5.0	1.4
74-88-4	Iodomethane	59.0		2.0	0.53
98-82-8	Isopropylbenzene	52.8		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	51.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	64.9		1.0	0.52
75-09-2	Methylene Chloride	62.2		5.0	4.4
91-20-3	Naphthalene	53.8		5.0	2.2
104-51-8	n-Butylbenzene	55.6		5.0	0.55
103-65-1	N-Propylbenzene	53.8		2.0	0.49
95-47-6	o-Xylene	52.0		5.0	0.47
99-87-6	4-Isopropyltoluene	54.7		2.0	0.51
135-98-8	sec-Butylbenzene	53.2		5.0	0.48
100-42-5	Styrene	52.4		2.0	0.49
98-06-6	tert-Butylbenzene	52.7		5.0	0.45
127-18-4	Tetrachloroethene	55.3		2.0	0.48
108-88-3	Toluene	55.8		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	62.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	59.4		2.0	0.65
79-01-6	Trichloroethene	55.4		2.0	0.54
75-69-4	Trichlorofluoromethane	62.2		5.0	0.63
108-05-4	Vinyl acetate	73.4		25	4.1
75-01-4	Vinyl chloride	74.8		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288978/4

Matrix: Water Lab File ID: 11182204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 11:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288978 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	124		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289041/4

Matrix: Water | Lab File ID: 11182235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	43.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	42.6		2.0	0.54
75-34-3	1,1-Dichloroethane	50.6		2.0	0.49
75-35-4	1,1-Dichloroethene	50.8		5.0	0.54
563-58-6	1,1-Dichloropropene	47.3		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.3		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.7		5.0	3.8
106-93-4	1,2-Dibromoethane	43.4		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.1		2.0	0.49
107-06-2	1,2-Dichloroethane	41.6		2.0	0.53
78-87-5	1,2-Dichloropropane	44.7		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.6		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.7		2.0	0.48
142-28-9	1,3-Dichloropropane	43.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.0		2.0	0.51
594-20-7	2,2-Dichloropropane	51.2		2.0	0.57
78-93-3	2-Butanone (MEK)	54.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.8		10	3.3
106-43-4	4-Chlorotoluene	44.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	48.7		10	1.2
67-64-1	Acetone	56.4		20	9.8
71-43-2	Benzene	45.5		2.0	0.52
108-86-1	Bromobenzene	42.2		5.0	0.49
74-97-5	Chlorobromomethane	46.9		5.0	0.48
75-27-4	Dichlorobromomethane	43.4		2.0	0.50
75-25-2	Bromoform	36.7		5.0	0.64
74-83-9	Bromomethane	54.8		10	5.2
75-15-0	Carbon disulfide	57.0		5.0	1.8
56-23-5	Carbon tetrachloride	47.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289041/4

Matrix: Water | Lab File ID: 11182235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	47.9		2.0	0.48
74-87-3	Chloromethane	44.9		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	44.5		2.0	0.46
124-48-1	Chlorodibromomethane	43.3		2.0	0.47
74-95-3	Dibromomethane	42.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	46.2		5.0	0.84
100-41-4	Ethylbenzene	46.4		2.0	0.50
76-13-1	Freon 113	54.1		5.0	0.53
87-68-3	Hexachlorobutadiene	49.3		5.0	1.4
74-88-4	Iodomethane	51.3		2.0	0.53
98-82-8	Isopropylbenzene	47.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	46.6		1.0	0.52
75-09-2	Methylene Chloride	49.5		5.0	4.4
91-20-3	Naphthalene	42.7		5.0	2.2
104-51-8	n-Butylbenzene	49.4		5.0	0.55
103-65-1	N-Propylbenzene	47.4		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	48.2		2.0	0.51
135-98-8	sec-Butylbenzene	48.4		5.0	0.48
100-42-5	Styrene	44.0		2.0	0.49
98-06-6	tert-Butylbenzene	48.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	45.3		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	51.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	44.3		2.0	0.65
79-01-6	Trichloroethene	45.7		2.0	0.54
75-69-4	Trichlorofluoromethane	53.8		5.0	0.63
108-05-4	Vinyl acetate	52.4		25	4.1
75-01-4	Vinyl chloride	59.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-289041/4

Matrix: Water Lab File ID: 11182235.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289135/4

Matrix: Water | Lab File ID: 11212211.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	43.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	45.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	40.7		2.0	0.54
75-34-3	1,1-Dichloroethane	40.8		2.0	0.49
75-35-4	1,1-Dichloroethene	44.6		5.0	0.54
563-58-6	1,1-Dichloropropene	46.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	46.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	47.0		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	43.6		5.0	3.8
106-93-4	1,2-Dibromoethane	39.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	45.0		2.0	0.49
107-06-2	1,2-Dichloroethane	40.7		2.0	0.53
78-87-5	1,2-Dichloropropane	39.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.2		2.0	0.48
142-28-9	1,3-Dichloropropane	40.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	42.8		2.0	0.51
594-20-7	2,2-Dichloropropane	44.9		2.0	0.57
78-93-3	2-Butanone (MEK)	37.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	34.3		10	3.3
106-43-4	4-Chlorotoluene	43.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	38.0		10	1.2
67-64-1	Acetone	38.3		20	9.8
71-43-2	Benzene	38.3		2.0	0.52
108-86-1	Bromobenzene	46.3		5.0	0.49
74-97-5	Chlorobromomethane	43.2		5.0	0.48
75-27-4	Dichlorobromomethane	38.3		2.0	0.50
75-25-2	Bromoform	40.6		5.0	0.64
74-83-9	Bromomethane	51.2		10	5.2
75-15-0	Carbon disulfide	43.7		5.0	1.8
56-23-5	Carbon tetrachloride	44.5		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289135/4

Matrix: Water | Lab File ID: 11212211.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.1		2.0	0.48
75-00-3	Chloroethane	47.8		5.0	0.62
67-66-3	Chloroform	40.8		2.0	0.48
74-87-3	Chloromethane	39.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	39.1		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	39.8		2.0	0.46
124-48-1	Chlorodibromomethane	41.4		2.0	0.47
74-95-3	Dibromomethane	39.3		2.0	0.55
75-71-8	Dichlorodifluoromethane	44.5		5.0	0.84
100-41-4	Ethylbenzene	41.5		2.0	0.50
76-13-1	Freon 113	52.1		5.0	0.53
87-68-3	Hexachlorobutadiene	54.6		5.0	1.4
74-88-4	Iodomethane	44.0		2.0	0.53
98-82-8	Isopropylbenzene	53.5		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	42.5		1.0	0.52
75-09-2	Methylene Chloride	43.5		5.0	4.4
91-20-3	Naphthalene	46.1		5.0	2.2
104-51-8	n-Butylbenzene	47.5		5.0	0.55
103-65-1	N-Propylbenzene	48.2		2.0	0.49
95-47-6	o-Xylene	50.8		5.0	0.47
99-87-6	4-Isopropyltoluene	52.8		2.0	0.51
135-98-8	sec-Butylbenzene	54.7		5.0	0.48
100-42-5	Styrene	45.9		2.0	0.49
98-06-6	tert-Butylbenzene	46.7		5.0	0.45
127-18-4	Tetrachloroethene	47.8		2.0	0.48
108-88-3	Toluene	41.4		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	42.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	40.0		2.0	0.65
79-01-6	Trichloroethene	44.7		2.0	0.54
75-69-4	Trichlorofluoromethane	52.4		5.0	0.63
108-05-4	Vinyl acetate	38.5		25	4.1
75-01-4	Vinyl chloride	45.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-289135/4

Matrix: Water Lab File ID: 11212211.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MS | Lab Sample ID: 550-193487-1 MS

Matrix: Water | Lab File ID: 11182217.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	54.1		5.0	0.45
71-55-6	1,1,1-Trichloroethane	60.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	49.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	53.7		2.0	0.54
75-34-3	1,1-Dichloroethane	61.7		2.0	0.49
75-35-4	1,1-Dichloroethene	58.8		5.0	0.54
563-58-6	1,1-Dichloropropene	52.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	51.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	47.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	52.3		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.3		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.7		5.0	3.8
106-93-4	1,2-Dibromoethane	55.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	50.4		2.0	0.49
107-06-2	1,2-Dichloroethane	52.1		2.0	0.53
78-87-5	1,2-Dichloropropane	54.6		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	49.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	51.4		2.0	0.48
142-28-9	1,3-Dichloropropane	54.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	51.3		2.0	0.51
594-20-7	2,2-Dichloropropane	61.9		2.0	0.57
78-93-3	2-Butanone (MEK)	65.2		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	60.0		10	3.3
106-43-4	4-Chlorotoluene	50.0		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	57.5		10	1.2
67-64-1	Acetone	51.7		20	9.8
71-43-2	Benzene	53.4		2.0	0.52
108-86-1	Bromobenzene	49.5		5.0	0.49
74-97-5	Chlorobromomethane	60.8		5.0	0.48
75-27-4	Dichlorobromomethane	54.3		2.0	0.50
75-25-2	Bromoform	41.9		5.0	0.64
74-83-9	Bromomethane	71.6		10	5.2
75-15-0	Carbon disulfide	66.2		5.0	1.8
56-23-5	Carbon tetrachloride	52.6		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MS | Lab Sample ID: 550-193487-1 MS

Matrix: Water | Lab File ID: 11182217.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	53.3		2.0	0.48
75-00-3	Chloroethane	69.2		5.0	0.62
67-66-3	Chloroform	60.7		2.0	0.48
74-87-3	Chloromethane	53.6		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	72.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	54.3		2.0	0.46
124-48-1	Chlorodibromomethane	54.9		2.0	0.47
74-95-3	Dibromomethane	53.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.4		5.0	0.84
100-41-4	Ethylbenzene	54.2		2.0	0.50
76-13-1	Freon 113	60.0		5.0	0.53
87-68-3	Hexachlorobutadiene	54.5		5.0	1.4
74-88-4	Iodomethane	65.8		2.0	0.53
98-82-8	Isopropylbenzene	50.9		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	62.1		1.0	0.52
75-09-2	Methylene Chloride	60.2		5.0	4.4
91-20-3	Naphthalene	49.5		5.0	2.2
104-51-8	n-Butylbenzene	54.9		5.0	0.55
103-65-1	N-Propylbenzene	51.4		2.0	0.49
95-47-6	o-Xylene	50.7		5.0	0.47
99-87-6	4-Isopropyltoluene	54.1		2.0	0.51
135-98-8	sec-Butylbenzene	53.0		5.0	0.48
100-42-5	Styrene	50.9		2.0	0.49
98-06-6	tert-Butylbenzene	52.5		5.0	0.45
127-18-4	Tetrachloroethene	58.7		2.0	0.48
108-88-3	Toluene	53.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	63.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	54.5		2.0	0.65
79-01-6	Trichloroethene	75.0		2.0	0.54
75-69-4	Trichlorofluoromethane	61.0		5.0	0.63
108-05-4	Vinyl acetate	66.5		25	4.1
75-01-4	Vinyl chloride	67.5		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MS | Lab Sample ID: 550-193487-1 MS

Matrix: Water | Lab File ID: 11182217.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	127		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MSD | Lab Sample ID: 550-193487-1 MSD

Matrix: Water | Lab File ID: 11182218.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	52.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	59.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	51.0		2.0	0.50
79-00-5	1,1,2-Trichloroethane	53.3		2.0	0.54
75-34-3	1,1-Dichloroethane	61.1		2.0	0.49
75-35-4	1,1-Dichloroethene	58.0		5.0	0.54
563-58-6	1,1-Dichloropropene	51.9		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	52.1		5.0	3.3
96-18-4	1,2,3-Trichloropropane	48.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	52.3		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	52.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	53.7		5.0	3.8
106-93-4	1,2-Dibromoethane	54.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	50.2		2.0	0.49
107-06-2	1,2-Dichloroethane	51.8		2.0	0.53
78-87-5	1,2-Dichloropropane	53.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	51.1		2.0	0.48
142-28-9	1,3-Dichloropropane	53.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	50.9		2.0	0.51
594-20-7	2,2-Dichloropropane	61.6		2.0	0.57
78-93-3	2-Butanone (MEK)	66.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	61.8		10	3.3
106-43-4	4-Chlorotoluene	50.8		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	58.8		10	1.2
67-64-1	Acetone	52.8		20	9.8
71-43-2	Benzene	52.1		2.0	0.52
108-86-1	Bromobenzene	49.6		5.0	0.49
74-97-5	Chlorobromomethane	60.5		5.0	0.48
75-27-4	Dichlorobromomethane	53.0		2.0	0.50
75-25-2	Bromoform	42.6		5.0	0.64
74-83-9	Bromomethane	73.4		10	5.2
75-15-0	Carbon disulfide	65.8		5.0	1.8
56-23-5	Carbon tetrachloride	51.8		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MSD | Lab Sample ID: 550-193487-1 MSD

Matrix: Water | Lab File ID: 11182218.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	52.1		2.0	0.48
75-00-3	Chloroethane	68.9		5.0	0.62
67-66-3	Chloroform	59.6		2.0	0.48
74-87-3	Chloromethane	52.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	71.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	53.1		2.0	0.46
124-48-1	Chlorodibromomethane	53.8		2.0	0.47
74-95-3	Dibromomethane	52.9		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.4		5.0	0.84
100-41-4	Ethylbenzene	53.2		2.0	0.50
76-13-1	Freon 113	59.8		5.0	0.53
87-68-3	Hexachlorobutadiene	55.8		5.0	1.4
74-88-4	Iodomethane	64.3		2.0	0.53
98-82-8	Isopropylbenzene	51.0		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	49.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	62.2		1.0	0.52
75-09-2	Methylene Chloride	59.3		5.0	4.4
91-20-3	Naphthalene	51.3		5.0	2.2
104-51-8	n-Butylbenzene	54.1		5.0	0.55
103-65-1	N-Propylbenzene	51.3		2.0	0.49
95-47-6	o-Xylene	50.3		5.0	0.47
99-87-6	4-Isopropyltoluene	53.9		2.0	0.51
135-98-8	sec-Butylbenzene	52.7		5.0	0.48
100-42-5	Styrene	50.2		2.0	0.49
98-06-6	tert-Butylbenzene	53.3		5.0	0.45
127-18-4	Tetrachloroethene	57.6		2.0	0.48
108-88-3	Toluene	52.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	62.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	54.1		2.0	0.65
79-01-6	Trichloroethene	74.3		2.0	0.54
75-69-4	Trichlorofluoromethane	61.0		5.0	0.63
108-05-4	Vinyl acetate	69.5		25	4.1
75-01-4	Vinyl chloride	67.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193487-1

SDG No.:

Client Sample ID: M-15_11-2022 MSD | Lab Sample ID: 550-193487-1 MSD

Matrix: Water | Lab File ID: 11182218.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene (Surr)	102		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/18/2022 09:03

Analysis Batch Number: 288978 End Date: 11/18/2022 19:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288978/1		11/18/2022 09:03	1	11182201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288978/2		11/18/2022 10:48	1	11182203.D	Rxi-624Sil 0.25(mm)
LCS 550-288978/1002		11/18/2022 10:48	1	-11182203-LCS.d	Rxi-624Sil 0.25(mm)
LCSD 550-288978/4		11/18/2022 11:09	1	11182204.D	Rxi-624Sil 0.25(mm)
MB 550-288978/6		11/18/2022 13:16	1	11182208.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:18	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:42	1		Rxi-624Sil 0.25(mm)
550-193487-1	M-15_11-2022	11/18/2022 16:03	1	11182216.D	Rxi-624Sil 0.25(mm)
550-193487-1 MS	M-15_11-2022 MS	11/18/2022 16:24	1	11182217.D	Rxi-624Sil 0.25(mm)
550-193487-1 MSD	M-15_11-2022 MSD	11/18/2022 16:44	1	11182218.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:26	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:47	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:08	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:29	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:50	1		Rxi-624Sil 0.25(mm)
550-193487-2	R-13_I2_11-2022	11/18/2022 19:11	1	11182225.D	Rxi-624Sil 0.25(mm)
550-193487-4	R-32_I1_11-2022	11/18/2022 19:32	1	11182226.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/18/2022 21:16

Analysis Batch Number: 289041 End Date: 11/19/2022 06:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-289041/1		11/18/2022 21:16	1	11182231.D	Rxi-624Sil 0.25(mm)
CCVIS 550-289041/2		11/18/2022 22:19	1	11182234.D	Rxi-624Sil 0.25(mm)
LCS 550-289041/1002		11/18/2022 22:19	1	-11182234-LCS.d	Rxi-624Sil 0.25(mm)
LCSD 550-289041/4		11/18/2022 22:40	1	11182235.D	Rxi-624Sil 0.25(mm)
MB 550-289041/6		11/18/2022 23:22	1	11182237.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 23:43	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:04	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:25	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:46	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:07	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:28	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:49	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:30	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:51	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:12	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:33	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:54	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 04:15	500		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 04:36	2000		Rxi-624Sil 0.25(mm)
550-193487-5	EWMW-4B_11-2022	11/19/2022 04:57	1	11182253.D	Rxi-624Sil 0.25(mm)
550-193487-7	M-915_11-2022	11/19/2022 05:18	1	11182254.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 05:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 06:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 06:21	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Start Date: 11/18/2022 08:59

Analysis Batch Number: 288994 End Date: 11/18/2022 16:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288994/1		11/18/2022 08:59	1	11182201.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 10:45	1		Rxi-624Sil 0.25(mm)
STD1 550-288994/4 IC		11/18/2022 11:07	1	11182204.D	Rxi-624Sil 0.25(mm)
STD2 550-288994/5 IC		11/18/2022 11:29	1	11182205.D	Rxi-624Sil 0.25(mm)
STD3 550-288994/6 IC		11/18/2022 11:51	1	11182206.D	Rxi-624Sil 0.25(mm)
STD4 550-288994/7 IC		11/18/2022 12:13	1	11182207.D	Rxi-624Sil 0.25(mm)
STD5 550-288994/8 IC		11/18/2022 12:34	1	11182208.D	Rxi-624Sil 0.25(mm)
STD6 550-288994/9 IC		11/18/2022 12:56	1	11182209.D	Rxi-624Sil 0.25(mm)
ICIS 550-288994/10		11/18/2022 13:18	1	11182210.D	Rxi-624Sil 0.25(mm)
STD8 550-288994/11 IC		11/18/2022 13:40	1	11182211.D	Rxi-624Sil 0.25(mm)
STD9 550-288994/12 IC		11/18/2022 14:01	1	11182212.D	Rxi-624Sil 0.25(mm)
ICV 550-288994/17		11/18/2022 16:14	1	11182217.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Instrument ID: GCMS24 Start Date: 11/21/2022 12:11

Analysis Batch Number: 289135 End Date: 11/21/2022 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-289135/1		11/21/2022 12:11	1	11212208.D	Rxi-624Sil 0.25(mm)
CCVIS 550-289135/2		11/21/2022 12:45	1	11212209.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 12:45	1		Rxi-624Sil 0.25(mm)
LCS 550-289135/3		11/21/2022 13:06	1	11212210.D	Rxi-624Sil 0.25(mm)
LCSD 550-289135/4		11/21/2022 13:28	1	11212211.D	Rxi-624Sil 0.25(mm)
MB 550-289135/6		11/21/2022 14:12	1	11212213.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 14:34	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 14:56	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 15:17	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 15:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 16:23	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 16:44	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 17:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 17:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 17:49	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 18:10	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 18:32	1		Rxi-624Sil 0.25(mm)
550-193487-3	BC-5_11-2022	11/21/2022 18:53	1	11212226.D	Rxi-624Sil 0.25(mm)
550-193487-6	BC-6_11-2022	11/21/2022 19:19	1	11212227.D	Rxi-624Sil 0.25(mm)
550-193487-8	BC-96_11-2022	11/21/2022 19:41	1	11212228.D	Rxi-624Sil 0.25(mm)
550-193487-9	TB-07_11-2022	11/21/2022 20:03	1	11212229.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 20:24	1		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 288978 Batch Start Date: 11/18/22 09:03 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00224
BFB 550-288978/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288978/2		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288978/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288978/6		8260B		10 mL	10 mL				
550-193487-A-1	M-15_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193487-A-1 MS	M-15_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193487-A-1 MSD	M-15_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193487-A-2	R-13_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193487-A-4	R-32_I1_11-2022	8260B	T	10 mL	10 mL	2 SU			
LCS 550-288978/1002		8260B		10 mL	10 mL		10 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288978/1		8260B							
CCVIS 550-288978/2		8260B			5 uL				
LCSD 550-288978/4		8260B			5 uL				
MB 550-288978/6		8260B		5 uL					
550-193487-A-1	M-15_11-2022	8260B	T	5 uL					
550-193487-A-1 MS	M-15_11-2022	8260B	T		5 uL				
550-193487-A-1 MSD	M-15_11-2022	8260B	T		5 uL				
550-193487-A-2	R-13_I2_11-2022	8260B	T	5 uL					
550-193487-A-4	R-32_I1_11-2022	8260B	T	5 uL					
LCS 550-288978/1002		8260B			5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 288978 Batch Start Date: 11/18/22 09:03 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 288994 Batch Start Date: 11/18/22 08:59 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00803	MV_50ppmPS 00896	MV_BFB 25ppm 00150	MV_EtOH/TBA2 00224
BFB 550-288994/1		8260B		2 uL	2 uL			2 uL	
STD1 550-288994/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-288994/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-288994/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-288994/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-288994/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-288994/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-288994/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-288994/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-288994/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-288994/17		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00324	MV_Wk ICV 00441	
BFB 550-288994/1		8260B							
STD1 550-288994/4 IC		8260B			1 uL		5 uL		
STD2 550-288994/5 IC		8260B			2 uL		5 uL		
STD3 550-288994/6 IC		8260B			4 uL		5 uL		
STD4 550-288994/7 IC		8260B					5 uL		
STD5 550-288994/8 IC		8260B					5 uL		
STD6 550-288994/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 288994 Batch Start Date: 11/18/22 08:59 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00324	MV_Wk ICV 00441	
ICIS 550-288994/10		8260B					5 uL		
STD8 550-288994/11 IC		8260B					5 uL		
STD9 550-288994/12 IC		8260B					5 uL		
ICV 550-288994/17		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 289041 Batch Start Date: 11/18/22 21:16 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00224
BFB 550-289041/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-289041/2		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-289041/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-289041/6		8260B		10 mL	10 mL				
550-193487-A-5	EWMW-4B_11-2022	8260B	T	10 mL	10 mL	3 SU			
550-193487-A-7	M-915_11-2022	8260B	T	10 mL	10 mL	2 SU			
LCS 550-289041/1002		8260B		10 mL	10 mL		10 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-289041/1		8260B							
CCVIS 550-289041/2		8260B			5 uL				
LCSD 550-289041/4		8260B			5 uL				
MB 550-289041/6		8260B		5 uL					
550-193487-A-5	EWMW-4B_11-2022	8260B	T	5 uL					
550-193487-A-7	M-915_11-2022	8260B	T	5 uL					
LCS 550-289041/1002		8260B			5 uL				

Batch Notes	
Batch Comment	Prepped/loaded by SJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193487-1

SDG No.:

Batch Number: 289135 Batch Start Date: 11/21/22 12:11 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00151	MV_EtOH/TBA2 00221
BFB 550-289135/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-289135/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-289135/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-289135/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-289135/6		8260B		10 mL	10 mL				
550-193487-B-3	BC-5_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193487-B-6	BC-6_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193487-B-8	BC-96_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193487-B-9	TB-07_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-289135/1		8260B							
CCVIS 550-289135/2		8260B			5 uL				
LCS 550-289135/3		8260B			5 uL				
LCSD 550-289135/4		8260B			5 uL				
MB 550-289135/6		8260B		5 uL					
550-193487-B-3	BC-5_11-2022	8260B	T	5 uL					
550-193487-B-6	BC-6_11-2022	8260B	T	5 uL					
550-193487-B-8	BC-96_11-2022	8260B	T	5 uL					
550-193487-B-9	TB-07_11-2022	8260B	T	5 uL					

Batch Notes	
Batch Comment	Prepped/loaded by MC

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571698

eurofins | Environment Testing TestAmerica

193487

TAL-8210

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: A. McGlown	Site Contact: R	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
M-15_11-2022	11/8	11:05	G	W	9	N	Y	X	-1
R-13_I2_11-2022	11/8	12:30	G	W	3	N	N	X	-2
BC-5_11-2022	11/9	12:05							-3
R-32_I1_11-2022	11/8	11:55							-4
EWMW-4B_11-2022	11/8	10:14							-5
BC-6_11-2022	11/9	10:50							-6
M-915_11-2022	11/8	09:45							-7
BC-96_11-2022	11/9	09:45							-8
TB-07_11-2022	11/9	13:45							-9



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sa... ...may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	NMED	11/9 16:00			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company: FEDEX	Date/Time:	Received in Laboratory by:	Company: TAT(S)	Date/Time: 11-10-22 10:30

TEMP 4.0°C

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193487-1

Login Number: 193487
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:07 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193489-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

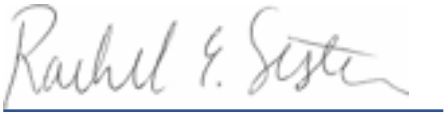
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



Generated
12/1/2022 9:07 AM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193489-1

Revision
This report was revised on 11/30/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 6:10 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288554 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB-05_11-2022 (550-193489-9) and (CCVIS 550-288554/2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288554 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

TB-05_11-2022 (550-193489-9) and (CCVIS 550-288554/2)

Method 8260B: The surrogate recovered outside project specific limits, high in the continuing calibration verification (CCV). The samples recovery for surrogates is within historical limits; therefore data have been reported.

(CCVIS 550-288949/3)

Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288949 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: M-909_11-2022 (550-193489-1), M-09_11-2022 (550-193489-2), FB-01_11-2022 (550-193489-7) and (CCVIS 550-288949/3).

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 550-288949 recovered outside control limits for the following analytes: 1,1-Dichloroethene and Bromoform. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Client Sample ID: M-909_11-2022 — Lab Sample ID: 550-193489-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	1.2	J	2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	1.3	J	2.0	0.54	ug/L	1		8260B	Total/NA

Client Sample ID: M-09_11-2022 — Lab Sample ID: 550-193489-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		2.0	0.62	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.5		2.0	0.48	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.9	J	2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	9.7		2.0	0.54	ug/L	1		8260B	Total/NA
Vinyl chloride	2.8	J	5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: R-32_I2_11-2022 — Lab Sample ID: 550-193489-3

No Detections.

Client Sample ID: R-32_D2_11-2022 — Lab Sample ID: 550-193489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	5.3		5.0	1.8	ug/L	1		8260B	Total/NA

Client Sample ID: EWMW-2_11-2022 — Lab Sample ID: 550-193489-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.76	J	2.0	0.52	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1	J	2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SMW-29D_11-2022 — Lab Sample ID: 550-193489-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.5		2.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	1.0	J	2.0	0.54	ug/L	1		8260B	Total/NA
Vinyl chloride	11		5.0	0.82	ug/L	1		8260B	Total/NA

Client Sample ID: FB-01_11-2022 — Lab Sample ID: 550-193489-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	J	20	9.8	ug/L	1		8260B	Total/NA

Client Sample ID: COOK ESTATE_11-2022 — Lab Sample ID: 550-193489-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichlorobenzene	3.6	J	5.0	3.3	ug/L	1		8260B	Total/NA
1,2,4-Trichlorobenzene	1.9	J	5.0	1.9	ug/L	1		8260B	Total/NA
Naphthalene	4.2	J	5.0	2.2	ug/L	1		8260B	Total/NA

Client Sample ID: TB-05_11-2022 — Lab Sample ID: 550-193489-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	1.3	J B	2.0	0.53	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: M-909_11-2022

Date Collected: 11/07/22 14:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 19:16	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 19:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 19:16	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 19:16	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 19:16	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 19:16	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 19:16	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 19:16	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 19:16	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 19:16	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 19:16	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 19:16	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 19:16	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 19:16	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 19:16	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:16	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:16	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 19:16	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 19:16	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 19:16	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 19:16	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 19:16	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 19:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 19:16	1
Acetone	ND		20	9.8	ug/L			11/18/22 19:16	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 19:16	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 19:16	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 19:16	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 19:16	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 19:16	1
Bromomethane	ND	*+	10	5.2	ug/L			11/18/22 19:16	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 19:16	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 19:16	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:16	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 19:16	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 19:16	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 19:16	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 19:16	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 19:16	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 19:16	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 19:16	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 19:16	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 19:16	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 19:16	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 19:16	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 19:16	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 19:16	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 19:16	1

Client Sample ID: M-909_11-2022

Date Collected: 11/07/22 14:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 19:16	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 19:16	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 19:16	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 19:16	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 19:16	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 19:16	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 19:16	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 19:16	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 19:16	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 19:16	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 19:16	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 19:16	1
trans-1,2-Dichloroethene	**1.2**	**J**	2.0	0.52	ug/L			11/18/22 19:16	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 19:16	1
Trichloroethene	**1.3**	**J**	2.0	0.54	ug/L			11/18/22 19:16	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 19:16	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 19:16	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/18/22 19:16*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*11/18/22 19:16*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*11/18/22 19:16*	*1*

Client Sample ID: M-09_11-2022

Date Collected: 11/07/22 16:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 19:42	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 19:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 19:42	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 19:42	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 19:42	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 19:42	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 19:42	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 19:42	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 19:42	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 19:42	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 19:42	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 19:42	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 19:42	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 19:42	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 19:42	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 19:42	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:42	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 19:42	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 19:42	1

Client Sample ID: M-09_11-2022

Date Collected: 11/07/22 16:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 19:42	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 19:42	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 19:42	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 19:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 19:42	1
Acetone	ND		20	9.8	ug/L			11/18/22 19:42	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 19:42	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 19:42	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 19:42	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 19:42	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 19:42	1
Bromomethane	ND	*+	10	5.2	ug/L			11/18/22 19:42	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 19:42	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 19:42	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 19:42	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 19:42	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 19:42	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 19:42	1
cis-1,2-Dichloroethene	**21**		2.0	0.62	ug/L			11/18/22 19:42	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 19:42	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 19:42	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 19:42	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 19:42	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 19:42	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 19:42	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 19:42	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 19:42	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 19:42	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 19:42	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 19:42	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 19:42	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 19:42	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 19:42	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 19:42	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 19:42	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 19:42	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 19:42	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 19:42	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 19:42	1
Tetrachloroethene	**3.5**		2.0	0.48	ug/L			11/18/22 19:42	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 19:42	1
trans-1,2-Dichloroethene	**1.9**	**J**	2.0	0.52	ug/L			11/18/22 19:42	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 19:42	1
Trichloroethene	**9.7**		2.0	0.54	ug/L			11/18/22 19:42	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 19:42	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 19:42	1
Vinyl chloride	**2.8**	**J**	5.0	0.82	ug/L			11/18/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/18/22 19:42*	*1*

Client Sample ID: M-09_11-2022

Date Collected: 11/07/22 16:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/18/22 19:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*11/18/22 19:42*	*1*

Client Sample ID: R-32_I2_11-2022

Date Collected: 11/08/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 20:36	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 20:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 20:36	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 20:36	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 20:36	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 20:36	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 20:36	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 20:36	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 20:36	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 20:36	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 20:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 20:36	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 20:36	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 20:36	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 20:36	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 20:36	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 20:36	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 20:36	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 20:36	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 20:36	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 20:36	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 20:36	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 20:36	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 20:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 20:36	1
Acetone	ND		20	9.8	ug/L			11/19/22 20:36	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 20:36	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 20:36	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 20:36	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 20:36	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 20:36	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 20:36	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 20:36	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 20:36	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 20:36	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 20:36	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 20:36	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 20:36	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/19/22 20:36	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 20:36	1

Client Sample ID: R-32_I2_11-2022

Date Collected: 11/08/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 20:36	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 20:36	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 20:36	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 20:36	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 20:36	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 20:36	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 20:36	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 20:36	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 20:36	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 20:36	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 20:36	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 20:36	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 20:36	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 20:36	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 20:36	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 20:36	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 20:36	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 20:36	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 20:36	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 20:36	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 20:36	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/19/22 20:36	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 20:36	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 20:36	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 20:36	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 20:36	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/19/22 20:36*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/19/22 20:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*11/19/22 20:36*	*1*

Client Sample ID: R-32_D2_11-2022

Date Collected: 11/08/22 12:10
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 21:03	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 21:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 21:03	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 21:03	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 21:03	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 21:03	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 21:03	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 21:03	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 21:03	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 21:03	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:03	1

Client Sample ID: R-32_D2_11-2022

Date Collected: 11/08/22 12:10
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 21:03	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 21:03	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 21:03	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 21:03	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 21:03	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:03	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:03	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 21:03	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 21:03	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 21:03	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 21:03	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 21:03	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 21:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 21:03	1
Acetone	ND		20	9.8	ug/L			11/19/22 21:03	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 21:03	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 21:03	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 21:03	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 21:03	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 21:03	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 21:03	1
Carbon disulfide	**5.3**		5.0	1.8	ug/L			11/19/22 21:03	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 21:03	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:03	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 21:03	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 21:03	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 21:03	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/19/22 21:03	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 21:03	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 21:03	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 21:03	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 21:03	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 21:03	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 21:03	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 21:03	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 21:03	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 21:03	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 21:03	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 21:03	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 21:03	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 21:03	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 21:03	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 21:03	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 21:03	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 21:03	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 21:03	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 21:03	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 21:03	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 21:03	1

Client Sample ID: R-32_D2_11-2022

Lab Sample ID: 550-193489-4

Date Collected: 11/08/22 12:10
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/19/22 21:03	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/19/22 21:03	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 21:03	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 21:03	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 21:03	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 21:03	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/19/22 21:03*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/19/22 21:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*11/19/22 21:03*	*1*

Client Sample ID: EWMW-2_11-2022

Lab Sample ID: 550-193489-5

Date Collected: 11/08/22 09:49
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 21:29	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 21:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 21:29	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 21:29	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 21:29	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 21:29	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 21:29	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 21:29	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 21:29	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 21:29	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 21:29	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 21:29	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 21:29	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 21:29	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 21:29	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:29	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:29	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 21:29	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 21:29	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 21:29	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 21:29	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 21:29	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 21:29	1
Acetone	ND		20	9.8	ug/L			11/19/22 21:29	1
Benzene	**0.76**	**J**	2.0	0.52	ug/L			11/19/22 21:29	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 21:29	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 21:29	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 21:29	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 21:29	1

Client Sample ID: EWMW-2_11-2022
Lab Sample ID: 550-193489-5

Date Collected: 11/08/22 09:49
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/19/22 21:29	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 21:29	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 21:29	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:29	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 21:29	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 21:29	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 21:29	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/19/22 21:29	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 21:29	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 21:29	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 21:29	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 21:29	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 21:29	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 21:29	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 21:29	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 21:29	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 21:29	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 21:29	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 21:29	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 21:29	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 21:29	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 21:29	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 21:29	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 21:29	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 21:29	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 21:29	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 21:29	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 21:29	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 21:29	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 21:29	1
trans-1,2-Dichloroethene	**1.1**	**J**	2.0	0.52	ug/L			11/19/22 21:29	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 21:29	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 21:29	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 21:29	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 21:29	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/19/22 21:29*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/19/22 21:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/19/22 21:29*	*1*

Client Sample ID: SMW-29D_11-2022
Lab Sample ID: 550-193489-6

Date Collected: 11/08/22 11:13
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 21:55	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 21:55	1

Client Sample ID: SMW-29D_11-2022

Date Collected: 11/08/22 11:13
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 21:55	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 21:55	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 21:55	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 21:55	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 21:55	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 21:55	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 21:55	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 21:55	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:55	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 21:55	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 21:55	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 21:55	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 21:55	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 21:55	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 21:55	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:55	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 21:55	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 21:55	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 21:55	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 21:55	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 21:55	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 21:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 21:55	1
Acetone	ND		20	9.8	ug/L			11/19/22 21:55	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 21:55	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 21:55	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 21:55	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 21:55	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 21:55	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 21:55	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 21:55	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 21:55	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 21:55	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 21:55	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 21:55	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 21:55	1
cis-1,2-Dichloroethene	**22**		2.0	0.62	ug/L			11/19/22 21:55	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 21:55	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 21:55	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 21:55	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 21:55	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 21:55	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 21:55	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 21:55	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 21:55	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 21:55	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 21:55	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 21:55	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 21:55	1

Client Sample ID: SMW-29D_11-2022

Lab Sample ID: 550-193489-6

Date Collected: 11/08/22 11:13
Date Received: 11/10/22 10:30

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 21:55	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 21:55	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 21:55	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 21:55	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 21:55	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 21:55	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 21:55	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 21:55	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 21:55	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 21:55	1
trans-1,2-Dichloroethene	**2.5**		2.0	0.52	ug/L			11/19/22 21:55	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 21:55	1
Trichloroethene	**1.0**	**J**	2.0	0.54	ug/L			11/19/22 21:55	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 21:55	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 21:55	1
Vinyl chloride	**11**		5.0	0.82	ug/L			11/19/22 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/19/22 21:55*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/19/22 21:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/19/22 21:55*	*1*

Client Sample ID: FB-01_11-2022

Lab Sample ID: 550-193489-7

Date Collected: 11/07/22 14:45
Date Received: 11/10/22 10:30

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 13:09	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 13:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 13:09	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 13:09	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 13:09	1
1,1-Dichloroethene	ND	*+	5.0	0.54	ug/L			11/18/22 13:09	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 13:09	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 13:09	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 13:09	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 13:09	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 13:09	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 13:09	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 13:09	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 13:09	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 13:09	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 13:09	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:09	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 13:09	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 13:09	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 13:09	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 13:09	1

Client Sample ID: FB-01_11-2022

Date Collected: 11/07/22 14:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 13:09	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 13:09	1
Acetone	**16**	**J**	20	9.8	ug/L			11/18/22 13:09	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 13:09	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 13:09	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 13:09	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 13:09	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 13:09	1
Bromomethane	ND	*+	10	5.2	ug/L			11/18/22 13:09	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 13:09	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 13:09	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 13:09	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 13:09	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 13:09	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 13:09	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 13:09	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 13:09	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 13:09	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 13:09	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 13:09	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 13:09	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 13:09	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 13:09	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 13:09	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 13:09	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 13:09	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 13:09	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 13:09	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 13:09	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 13:09	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 13:09	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 13:09	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 13:09	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 13:09	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 13:09	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 13:09	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 13:09	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 13:09	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 13:09	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 13:09	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 13:09	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 13:09	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 13:09	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*11/18/22 13:09*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/18/22 13:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/18/22 13:09*	*1*

Client Sample ID: COOK ESTATE_11-2022

Date Collected: 11/08/22 12:17
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 20:10	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 20:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 20:10	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 20:10	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 20:10	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 20:10	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 20:10	1
1,2,3-Trichlorobenzene	**3.6**	**J**	5.0	3.3	ug/L			11/19/22 20:10	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 20:10	1
1,2,4-Trichlorobenzene	**1.9**	**J**	5.0	1.9	ug/L			11/19/22 20:10	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 20:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 20:10	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 20:10	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 20:10	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 20:10	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 20:10	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 20:10	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 20:10	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 20:10	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 20:10	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 20:10	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 20:10	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 20:10	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 20:10	1
Acetone	ND		20	9.8	ug/L			11/19/22 20:10	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 20:10	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 20:10	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 20:10	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 20:10	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 20:10	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 20:10	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 20:10	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 20:10	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 20:10	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 20:10	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 20:10	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 20:10	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/19/22 20:10	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 20:10	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 20:10	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 20:10	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 20:10	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 20:10	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 20:10	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 20:10	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 20:10	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 20:10	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 20:10	1

Client Sample ID: COOK ESTATE_11-2022

Lab Sample ID: 550-193489-8

Date Collected: 11/08/22 12:17
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 20:10	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 20:10	1
Naphthalene	**4.2**	**J**	5.0	2.2	ug/L			11/19/22 20:10	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 20:10	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 20:10	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 20:10	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 20:10	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 20:10	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 20:10	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 20:10	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 20:10	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 20:10	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/19/22 20:10	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 20:10	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 20:10	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 20:10	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 20:10	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/19/22 20:10*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/19/22 20:10*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/19/22 20:10*	*1*

Client Sample ID: TB-05_11-2022

Lab Sample ID: 550-193489-9

Date Collected: 11/02/22 16:09
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 11:34	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 11:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 11:34	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 11:34	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 11:34	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 11:34	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 11:34	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 11:34	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 11:34	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 11:34	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 11:34	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 11:34	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 11:34	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 11:34	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 11:34	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:34	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:34	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 11:34	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 11:34	1

Client Sample ID: TB-05_11-2022

Date Collected: 11/02/22 16:09
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 11:34	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 11:34	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 11:34	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 11:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 11:34	1
Acetone	ND		20	9.8	ug/L			11/14/22 11:34	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 11:34	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 11:34	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 11:34	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 11:34	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 11:34	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 11:34	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 11:34	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 11:34	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:34	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 11:34	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 11:34	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 11:34	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 11:34	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 11:34	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 11:34	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 11:34	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 11:34	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 11:34	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 11:34	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 11:34	1
Iodomethane	**1.3**	**J B**	2.0	0.53	ug/L			11/14/22 11:34	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 11:34	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 11:34	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 11:34	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 11:34	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 11:34	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 11:34	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 11:34	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 11:34	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 11:34	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 11:34	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 11:34	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 11:34	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 11:34	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 11:34	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 11:34	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 11:34	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 11:34	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 11:34	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 11:34	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 11:34*	*1*

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Client Sample ID: TB-05_11-2022

Date Collected: 11/02/22 16:09
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193489-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*70 - 130*		*11/14/22 11:34*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 11:34*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193489-1	M-909_11-2022	98	92	96
550-193489-2	M-09_11-2022	100	93	96
550-193489-2 MS	M-09_11-2022	125	114	124
550-193489-2 MSD	M-09_11-2022	118	111	120
550-193489-3	R-32_I2_11-2022	98	93	97
550-193489-4	R-32_D2_11-2022	99	94	97
550-193489-5	EWMW-2_11-2022	98	93	98
550-193489-6	SMW-29D_11-2022	100	94	99
550-193489-7	FB-01_11-2022	101	94	95
550-193489-8	COOK ESTATE_11-2022	97	94	98
550-193489-8 MS	COOK ESTATE_11-2022	98	93	103
550-193489-8 MSD	COOK ESTATE_11-2022	98	94	104
550-193489-9	TB-05_11-2022	94	88	78
LCS 550-288554/3	Lab Control Sample	91	87	82
LCS 550-288949/4	Lab Control Sample	123	113	120
LCS 550-289083/3	Lab Control Sample	98	94	101
LCSD 550-288554/4	Lab Control Sample Dup	93	87	83
LCSD 550-288949/5	Lab Control Sample Dup	121	113	117
LCSD 550-289083/4	Lab Control Sample Dup	97	93	99
MB 550-288554/6	Method Blank	92	90	78
MB 550-288949/7	Method Blank	100	94	95
MB 550-289083/6	Method Blank	97	94	96

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 10:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 10:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 10:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 10:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 10:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 10:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 10:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 10:52	1
Acetone	ND		20	9.8	ug/L			11/14/22 10:52	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 10:52	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 10:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 10:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 10:52	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 10:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 10:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 10:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 10:52	1
Iodomethane	1.52	J	2.0	0.53	ug/L			11/14/22 10:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 10:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 10:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 10:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 10:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 10:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 10:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 10:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 10:52	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 10:52	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 10:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 10:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 10:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 10:52*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 10:52*	*1*

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	60 - 135
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	67 - 130
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	66 - 135
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	58 - 133
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	44.2		ug/L		88	54 - 135
1,2-Dichloropropane	50.0	46.5		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	70 - 139
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	45.5		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.5		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	52.3		ug/L		105	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	45.1		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.0		ug/L		102	56 - 141
Acetone	50.0	43.6		ug/L		87	11 - 150
Benzene	50.0	46.2		ug/L		92	67 - 130
Bromobenzene	50.0	42.4		ug/L		85	70 - 130
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	56.7		ug/L		113	10 - 150
Carbon disulfide	50.0	58.4		ug/L		117	36 - 150
Carbon tetrachloride	50.0	46.3		ug/L		93	60 - 134
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	60.2		ug/L		120	46 - 150
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	64 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.4		ug/L		91	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	53.2		ug/L		106	29 - 150
Ethylbenzene	50.0	46.0		ug/L		92	80 - 120
Freon 113	50.0	52.4		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	45.8		ug/L		92	58 - 134
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 139
m-Xylene & p-Xylene	50.0	45.0		ug/L		90	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	49.0		ug/L		98	55 - 136
Naphthalene	50.0	42.5		ug/L		85	64 - 135
n-Butylbenzene	50.0	48.3		ug/L		97	70 - 136
N-Propylbenzene	50.0	45.8		ug/L		92	66 - 142
o-Xylene	50.0	45.1		ug/L		90	68 - 136
4-Isopropyltoluene	50.0	47.0		ug/L		94	67 - 138
sec-Butylbenzene	50.0	46.4		ug/L		93	66 - 135
Styrene	50.0	44.3		ug/L		89	69 - 135
tert-Butylbenzene	50.0	45.7		ug/L		91	64 - 135
Tetrachloroethene	50.0	45.9		ug/L		92	63 - 131
Toluene	50.0	46.6		ug/L		93	71 - 123
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	65 - 132
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 136
Trichloroethene	50.0	46.2		ug/L		92	67 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	62 - 147
Vinyl acetate	50.0	57.6		ug/L		115	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	1	20
1,1,2,2-Tetrachloroethane			50.0	46.9		ug/L		94	60 - 135	5	20
1,1,2-Trichloroethane			50.0	45.9		ug/L		92	69 - 130	2	20
1,1-Dichloroethane			50.0	51.3		ug/L		103	65 - 132	0	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	80 - 120	0	23
1,1-Dichloropropene			50.0	47.6		ug/L		95	63 - 130	1	20
1,2,3-Trichlorobenzene			50.0	40.4		ug/L		81	62 - 139	4	20
1,2,3-Trichloropropane			50.0	45.4		ug/L		91	67 - 130	7	20
1,2,4-Trichlorobenzene			50.0	42.6		ug/L		85	66 - 135	4	20
1,2,4-Trimethylbenzene			50.0	46.0		ug/L		92	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/L		99	58 - 133	7	21
1,2-Dibromoethane			50.0	47.1		ug/L		94	70 - 130	3	20
1,2-Dichlorobenzene			50.0	42.9		ug/L		86	70 - 130	1	20
1,2-Dichloroethane			50.0	44.8		ug/L		90	54 - 135	1	20
1,2-Dichloropropane			50.0	46.9		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.1		ug/L		92	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	0	20
1,3-Dichloropropane			50.0	46.3		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	2	20
2,2-Dichloropropane			50.0	53.9		ug/L		108	60 - 148	1	21
2-Butanone (MEK)			50.0	59.0		ug/L		118	50 - 150	12	34
Methyl n-butyl ketone (MNBK)			50.0	59.1		ug/L		118	50 - 148	11	29
4-Chlorotoluene			50.0	45.7		ug/L		91	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	55.9		ug/L		112	56 - 141	9	23
Acetone			50.0	49.7		ug/L		99	11 - 150	13	35
Benzene			50.0	46.1		ug/L		92	67 - 130	0	20
Bromobenzene			50.0	43.0		ug/L		86	70 - 130	1	20
Chlorobromomethane			50.0	48.7		ug/L		97	59 - 139	1	20
Dichlorobromomethane			50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform			50.0	39.6		ug/L		79	67 - 140	3	20
Bromomethane			50.0	56.3		ug/L		113	10 - 150	1	31
Carbon disulfide			50.0	58.6		ug/L		117	36 - 150	0	26
Carbon tetrachloride			50.0	46.3		ug/L		93	60 - 134	0	20
Chlorobenzene			50.0	44.7		ug/L		89	70 - 130	2	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	2	29
Chloroform			50.0	49.0		ug/L		98	80 - 120	0	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	47.2		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.7		ug/L		91	65 - 130	2	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	1	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	53.4		ug/L		107	37 - 150	2	20
Hexachlorobutadiene			50.0	43.8		ug/L		88	58 - 134	4	20
Isopropylbenzene			50.0	46.3		ug/L		93	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.5		ug/L		91	67 - 137	1	20
Methyl tert-butyl ether			50.0	53.0		ug/L		106	59 - 139	3	22
Methylene Chloride			50.0	49.0		ug/L		98	55 - 136	0	23
Naphthalene			50.0	42.6		ug/L		85	64 - 135	0	20
n-Butylbenzene			50.0	48.5		ug/L		97	70 - 136	0	20
N-Propylbenzene			50.0	45.8		ug/L		92	66 - 142	0	20
o-Xylene			50.0	44.2		ug/L		88	68 - 136	2	20
4-Isopropyltoluene			50.0	47.4		ug/L		95	67 - 138	1	20
sec-Butylbenzene			50.0	46.1		ug/L		92	66 - 135	1	20
Styrene			50.0	44.2		ug/L		88	69 - 135	0	20
tert-Butylbenzene			50.0	45.7		ug/L		91	64 - 135	0	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	1	20
Toluene			50.0	46.0		ug/L		92	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	48.0		ug/L		96	66 - 136	0	20
Trichloroethene			50.0	45.9		ug/L		92	67 - 130	1	20
Trichlorofluoromethane			50.0	51.0		ug/L		102	62 - 147	1	22
Vinyl acetate			50.0	57.8		ug/L		116	51 - 150	0	29
Vinyl chloride			50.0	57.6		ug/L		115	80 - 120	0	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 11:51	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 11:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 11:51	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 11:51	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 11:51	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 11:51	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 11:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 11:51	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 11:51	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 11:51	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 11:51	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 11:51	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 11:51	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 11:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 11:51	1
Acetone	ND		20	9.8	ug/L			11/18/22 11:51	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 11:51	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 11:51	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 11:51	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 11:51	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 11:51	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 11:51	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 11:51	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 11:51	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 11:51	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 11:51	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 11:51	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 11:51	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 11:51	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 11:51	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 11:51	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 11:51	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 11:51	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 11:51	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 11:51	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 11:51	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 11:51	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 11:51	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 11:51	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 11:51	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 11:51	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 11:51	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 11:51	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 11:51	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 11:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288949/7
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 11:51	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 11:51	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 11:51	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 11:51	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 11:51	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 11:51	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 11:51	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/18/22 11:51*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/18/22 11:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/18/22 11:51*	*1*

Lab Sample ID: LCS 550-288949/4
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	62.5		ug/L		125	68 - 133
1,1,1-Trichloroethane	50.0	64.0		ug/L		128	62 - 134
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	60 - 135
1,1,2-Trichloroethane	50.0	58.0		ug/L		116	69 - 130
1,1-Dichloroethane	50.0	56.7		ug/L		113	65 - 132
1,1-Dichloroethene	50.0	60.8	*+	ug/L		122	80 - 120
1,1-Dichloropropene	50.0	56.8		ug/L		114	63 - 130
1,2,3-Trichlorobenzene	50.0	58.4		ug/L		117	62 - 139
1,2,3-Trichloropropane	50.0	59.4		ug/L		119	67 - 130
1,2,4-Trichlorobenzene	50.0	54.9		ug/L		110	66 - 135
1,2,4-Trimethylbenzene	50.0	58.9		ug/L		118	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	59.4		ug/L		119	58 - 133
1,2-Dibromoethane	50.0	57.8		ug/L		116	70 - 130
1,2-Dichlorobenzene	50.0	58.7		ug/L		117	70 - 130
1,2-Dichloroethane	50.0	57.4		ug/L		115	54 - 135
1,2-Dichloropropane	50.0	54.1		ug/L		108	80 - 120
1,3,5-Trimethylbenzene	50.0	60.3		ug/L		121	70 - 139
1,3-Dichlorobenzene	50.0	57.1		ug/L		114	70 - 130
1,3-Dichloropropane	50.0	55.6		ug/L		111	69 - 130
1,4-Dichlorobenzene	50.0	56.1		ug/L		112	70 - 130
2,2-Dichloropropane	50.0	57.4		ug/L		115	60 - 148
2-Butanone (MEK)	50.0	62.1		ug/L		124	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	56.6		ug/L		113	50 - 148
4-Chlorotoluene	50.0	54.7		ug/L		109	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	57.5		ug/L		115	56 - 141
Acetone	50.0	63.6		ug/L		127	11 - 150
Benzene	50.0	54.5		ug/L		109	67 - 130
Bromobenzene	50.0	62.6		ug/L		125	70 - 130
Chlorobromomethane	50.0	61.8		ug/L		124	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288949/4
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	57.7		ug/L		115	69 - 130
Bromoform	50.0	66.6		ug/L		133	67 - 140
Bromomethane	50.0	77.4	*+	ug/L		155	10 - 150
Carbon disulfide	50.0	60.4		ug/L		121	36 - 150
Carbon tetrachloride	50.0	63.4		ug/L		127	60 - 134
Chlorobenzene	50.0	57.1		ug/L		114	70 - 130
Chloroethane	50.0	56.5		ug/L		113	57 - 150
Chloroform	50.0	59.3		ug/L		119	80 - 120
Chloromethane	50.0	44.8		ug/L		90	46 - 150
cis-1,2-Dichloroethene	50.0	57.2		ug/L		114	64 - 130
cis-1,3-Dichloropropene	50.0	54.8		ug/L		110	66 - 134
Chlorodibromomethane	50.0	60.9		ug/L		122	65 - 133
Dibromomethane	50.0	59.7		ug/L		119	65 - 130
Dichlorodifluoromethane	50.0	53.0		ug/L		106	29 - 150
Ethylbenzene	50.0	55.6		ug/L		111	80 - 120
Freon 113	50.0	58.5		ug/L		117	37 - 150
Hexachlorobutadiene	50.0	60.8		ug/L		122	58 - 134
Isopropylbenzene	50.0	61.1		ug/L		122	70 - 139
m-Xylene & p-Xylene	50.0	60.1		ug/L		120	67 - 137
Methyl tert-butyl ether	50.0	62.0		ug/L		124	59 - 139
Methylene Chloride	50.0	59.9		ug/L		120	55 - 136
Naphthalene	50.0	59.5		ug/L		119	64 - 135
n-Butylbenzene	50.0	53.5		ug/L		107	70 - 136
N-Propylbenzene	50.0	56.2		ug/L		112	66 - 142
o-Xylene	50.0	60.5		ug/L		121	68 - 136
4-Isopropyltoluene	50.0	59.6		ug/L		119	67 - 138
sec-Butylbenzene	50.0	60.1		ug/L		120	66 - 135
Styrene	50.0	60.1		ug/L		120	69 - 135
tert-Butylbenzene	50.0	63.9		ug/L		128	64 - 135
Tetrachloroethene	50.0	61.6		ug/L		123	63 - 131
Toluene	50.0	57.2		ug/L		114	71 - 123
trans-1,2-Dichloroethene	50.0	60.7		ug/L		121	65 - 132
trans-1,3-Dichloropropene	50.0	56.0		ug/L		112	66 - 136
Trichloroethene	50.0	60.4		ug/L		121	67 - 130
Trichlorofluoromethane	50.0	61.8		ug/L		124	62 - 147
Vinyl acetate	50.0	37.5		ug/L		75	51 - 150
Vinyl chloride	50.0	58.7		ug/L		117	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*123*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288949/5
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	60.2		ug/L		120	68 - 133	4	20
1,1,1-Trichloroethane	50.0	63.4		ug/L		127	62 - 134	1	20
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/L		103	60 - 135	5	20
1,1,2-Trichloroethane	50.0	55.2		ug/L		110	69 - 130	5	20
1,1-Dichloroethane	50.0	55.1		ug/L		110	65 - 132	3	20
1,1-Dichloroethene	50.0	60.5	*+	ug/L		121	80 - 120	0	23
1,1-Dichloropropene	50.0	55.7		ug/L		111	63 - 130	2	20
1,2,3-Trichlorobenzene	50.0	55.8		ug/L		112	62 - 139	5	20
1,2,3-Trichloropropane	50.0	56.7		ug/L		113	67 - 130	5	20
1,2,4-Trichlorobenzene	50.0	53.7		ug/L		107	66 - 135	2	20
1,2,4-Trimethylbenzene	50.0	57.6		ug/L		115	70 - 134	2	20
1,2-Dibromo-3-Chloropropane	50.0	55.9		ug/L		112	58 - 133	6	21
1,2-Dibromoethane	50.0	55.2		ug/L		110	70 - 130	5	20
1,2-Dichlorobenzene	50.0	56.3		ug/L		113	70 - 130	4	20
1,2-Dichloroethane	50.0	56.0		ug/L		112	54 - 135	2	20
1,2-Dichloropropane	50.0	51.9		ug/L		104	80 - 120	4	20
1,3,5-Trimethylbenzene	50.0	60.5		ug/L		121	70 - 139	0	20
1,3-Dichlorobenzene	50.0	56.0		ug/L		112	70 - 130	2	20
1,3-Dichloropropane	50.0	52.5		ug/L		105	69 - 130	6	20
1,4-Dichlorobenzene	50.0	54.1		ug/L		108	70 - 130	4	20
2,2-Dichloropropane	50.0	56.3		ug/L		113	60 - 148	2	21
2-Butanone (MEK)	50.0	60.2		ug/L		120	50 - 150	3	34
Methyl n-butyl ketone (MNBK)	50.0	53.3		ug/L		107	50 - 148	6	29
4-Chlorotoluene	50.0	53.9		ug/L		108	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	50.0	54.1		ug/L		108	56 - 141	6	23
Acetone	50.0	62.0		ug/L		124	11 - 150	3	35
Benzene	50.0	53.6		ug/L		107	67 - 130	2	20
Bromobenzene	50.0	60.6		ug/L		121	70 - 130	3	20
Chlorobromomethane	50.0	59.7		ug/L		119	59 - 139	3	20
Dichlorobromomethane	50.0	55.9		ug/L		112	69 - 130	3	20
Bromoform	50.0	62.4		ug/L		125	67 - 140	7	20
Bromomethane	50.0	75.9	*+	ug/L		152	10 - 150	2	31
Carbon disulfide	50.0	60.1		ug/L		120	36 - 150	1	26
Carbon tetrachloride	50.0	62.6		ug/L		125	60 - 134	1	20
Chlorobenzene	50.0	55.4		ug/L		111	70 - 130	3	20
Chloroethane	50.0	55.0		ug/L		110	57 - 150	3	29
Chloroform	50.0	57.6		ug/L		115	80 - 120	3	20
Chloromethane	50.0	43.0		ug/L		86	46 - 150	4	30
cis-1,2-Dichloroethene	50.0	55.9		ug/L		112	64 - 130	2	20
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	66 - 134	4	20
Chlorodibromomethane	50.0	57.7		ug/L		115	65 - 133	5	20
Dibromomethane	50.0	56.6		ug/L		113	65 - 130	5	20
Dichlorodifluoromethane	50.0	52.0		ug/L		104	29 - 150	2	30
Ethylbenzene	50.0	54.2		ug/L		108	80 - 120	2	20
Freon 113	50.0	57.4		ug/L		115	37 - 150	2	20
Hexachlorobutadiene	50.0	57.6		ug/L		115	58 - 134	5	20
Isopropylbenzene	50.0	60.4		ug/L		121	70 - 139	1	20
m-Xylene & p-Xylene	50.0	58.8		ug/L		118	67 - 137	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288949/5
Matrix: Water
Analysis Batch: 288949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	58.8		ug/L		118	59 - 139	5	22
Methylene Chloride			50.0	58.8		ug/L		118	55 - 136	2	23
Naphthalene			50.0	56.4		ug/L		113	64 - 135	5	20
n-Butylbenzene			50.0	54.0		ug/L		108	70 - 136	1	20
N-Propylbenzene			50.0	55.7		ug/L		111	66 - 142	1	20
o-Xylene			50.0	58.8		ug/L		118	68 - 136	3	20
4-Isopropyltoluene			50.0	59.6		ug/L		119	67 - 138	0	20
sec-Butylbenzene			50.0	59.3		ug/L		119	66 - 135	1	20
Styrene			50.0	58.1		ug/L		116	69 - 135	3	20
tert-Butylbenzene			50.0	62.9		ug/L		126	64 - 135	2	20
Tetrachloroethene			50.0	61.3		ug/L		123	63 - 131	1	20
Toluene			50.0	56.1		ug/L		112	71 - 123	2	20
trans-1,2-Dichloroethene			50.0	60.0		ug/L		120	65 - 132	1	20
trans-1,3-Dichloropropene			50.0	52.3		ug/L		105	66 - 136	7	20
Trichloroethene			50.0	58.9		ug/L		118	67 - 130	3	20
Trichlorofluoromethane			50.0	61.4		ug/L		123	62 - 147	1	22
Vinyl acetate			50.0	38.5		ug/L		77	51 - 150	3	29
Vinyl chloride			50.0	57.1		ug/L		114	80 - 120	3	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*121*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: 550-193489-2 MS
Matrix: Water
Analysis Batch: 288949

Client Sample ID: M-09_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane	ND		50.0	58.7		ug/L		117	62 - 139		
1,1,1-Trichloroethane	ND		50.0	61.5		ug/L		123	57 - 143		
1,1,2,2-Tetrachloroethane	ND		50.0	55.2		ug/L		110	52 - 150		
1,1,2-Trichloroethane	ND		50.0	55.5		ug/L		111	62 - 137		
1,1-Dichloroethane	ND		50.0	54.4		ug/L		109	58 - 145		
1,1-Dichloroethene	ND	*+	50.0	58.1		ug/L		116	50 - 150		
1,1-Dichloropropene	ND		50.0	51.5		ug/L		103	50 - 142		
1,2,3-Trichlorobenzene	ND		50.0	51.3		ug/L		103	52 - 144		
1,2,3-Trichloropropane	ND		50.0	56.9		ug/L		114	59 - 138		
1,2,4-Trichlorobenzene	ND		50.0	50.9		ug/L		102	54 - 140		
1,2,4-Trimethylbenzene	ND		50.0	56.4		ug/L		113	41 - 150		
1,2-Dibromo-3-Chloropropane	ND		50.0	52.7		ug/L		105	41 - 149		
1,2-Dibromoethane	ND		50.0	55.5		ug/L		111	67 - 136		
1,2-Dichlorobenzene	ND		50.0	55.9		ug/L		112	64 - 132		
1,2-Dichloroethane	ND		50.0	53.4		ug/L		107	47 - 146		
1,2-Dichloropropane	ND		50.0	51.2		ug/L		102	59 - 140		
1,3,5-Trimethylbenzene	ND		50.0	58.8		ug/L		118	34 - 150		
1,3-Dichlorobenzene	ND		50.0	55.8		ug/L		112	67 - 130		
1,3-Dichloropropane	ND		50.0	53.9		ug/L		108	65 - 140		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-2 MS
Matrix: Water
Analysis Batch: 288949

Client Sample ID: M-09_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	ND		50.0	54.8		ug/L		110	67 - 128
2,2-Dichloropropane	ND		50.0	51.2		ug/L		102	54 - 150
2-Butanone (MEK)	ND		50.0	57.0		ug/L		114	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	53.1		ug/L		106	37 - 150
4-Chlorotoluene	ND		50.0	54.6		ug/L		109	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	53.2		ug/L		106	41 - 150
Acetone	ND		50.0	50.4		ug/L		101	10 - 150
Benzene	ND		50.0	51.1		ug/L		102	54 - 142
Bromobenzene	ND		50.0	60.6		ug/L		121	67 - 132
Chlorobromomethane	ND		50.0	59.0		ug/L		118	55 - 147
Dichlorobromomethane	ND		50.0	54.5		ug/L		109	61 - 143
Bromoform	ND		50.0	63.6		ug/L		127	57 - 148
Bromomethane	ND	*+ F1 ^+	50.0	70.2		ug/L		140	56 - 149
Carbon disulfide	ND		50.0	59.1		ug/L		118	23 - 150
Carbon tetrachloride	ND		50.0	57.5		ug/L		115	51 - 143
Chlorobenzene	ND		50.0	55.6		ug/L		111	69 - 129
Chloroethane	ND		50.0	54.3		ug/L		109	41 - 150
Chloroform	ND		50.0	56.7		ug/L		113	60 - 148
Chloromethane	ND		50.0	44.2		ug/L		88	29 - 150
cis-1,2-Dichloroethene	21		50.0	64.2		ug/L		87	57 - 139
cis-1,3-Dichloropropene	ND		50.0	51.4		ug/L		103	57 - 145
Chlorodibromomethane	ND		50.0	58.2		ug/L		116	61 - 143
Dibromomethane	ND		50.0	55.0		ug/L		110	56 - 148
Dichlorodifluoromethane	ND		50.0	49.7		ug/L		99	20 - 150
Ethylbenzene	ND		50.0	54.0		ug/L		108	46 - 149
Freon 113	ND		50.0	57.1		ug/L		114	10 - 150
Hexachlorobutadiene	ND		50.0	55.8		ug/L		112	48 - 146
Isopropylbenzene	ND		50.0	58.2		ug/L		116	56 - 146
m-Xylene & p-Xylene	ND		50.0	57.8		ug/L		116	47 - 150
Methyl tert-butyl ether	ND		50.0	57.7		ug/L		115	51 - 150
Methylene Chloride	ND		50.0	58.0		ug/L		116	43 - 150
Naphthalene	ND		50.0	51.8		ug/L		104	32 - 150
n-Butylbenzene	ND		50.0	52.2		ug/L		104	54 - 146
N-Propylbenzene	ND		50.0	54.9		ug/L		110	54 - 150
o-Xylene	ND		50.0	57.5		ug/L		115	52 - 150
4-Isopropyltoluene	ND		50.0	57.1		ug/L		114	53 - 147
sec-Butylbenzene	ND		50.0	57.3		ug/L		115	54 - 145
Styrene	ND		50.0	57.8		ug/L		116	20 - 150
tert-Butylbenzene	ND		50.0	61.0		ug/L		122	57 - 143
Tetrachloroethene	3.5		50.0	59.8		ug/L		113	37 - 150
Toluene	ND		50.0	54.9		ug/L		110	54 - 141
trans-1,2-Dichloroethene	1.9	J	50.0	59.4		ug/L		115	58 - 140
trans-1,3-Dichloropropene	ND		50.0	52.0		ug/L		104	57 - 147
Trichloroethene	9.7		50.0	59.8		ug/L		100	58 - 134
Trichlorofluoromethane	ND		50.0	60.2		ug/L		120	46 - 150
Vinyl acetate	ND		50.0	50.2		ug/L		100	10 - 150
Vinyl chloride	2.8	J	50.0	60.5		ug/L		115	29 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-2 MS
Matrix: Water
Analysis Batch: 288949

Client Sample ID: M-09_11-2022
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*125*		*70 - 130*
Toluene-d8 (Surr)	*114*		*70 - 130*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*

Lab Sample ID: 550-193489-2 MSD
Matrix: Water
Analysis Batch: 288949

Client Sample ID: M-09_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	57.8		ug/L		116	62 - 139	2	35
1,1,1-Trichloroethane	ND		50.0	61.8		ug/L		124	57 - 143	0	35
1,1,2,2-Tetrachloroethane	ND		50.0	56.3		ug/L		113	52 - 150	2	35
1,1,2-Trichloroethane	ND		50.0	54.7		ug/L		109	62 - 137	1	35
1,1-Dichloroethane	ND		50.0	53.8		ug/L		108	58 - 145	1	35
1,1-Dichloroethene	ND	*+	50.0	59.7		ug/L		119	50 - 150	3	35
1,1-Dichloropropene	ND		50.0	54.4		ug/L		109	50 - 142	5	35
1,2,3-Trichlorobenzene	ND		50.0	56.5		ug/L		113	52 - 144	10	35
1,2,3-Trichloropropane	ND		50.0	57.2		ug/L		114	59 - 138	0	35
1,2,4-Trichlorobenzene	ND		50.0	52.9		ug/L		106	54 - 140	4	35
1,2,4-Trimethylbenzene	ND		50.0	56.6		ug/L		113	41 - 150	0	35
1,2-Dibromo-3-Chloropropane	ND		50.0	59.0		ug/L		118	41 - 149	11	35
1,2-Dibromoethane	ND		50.0	55.2		ug/L		110	67 - 136	0	35
1,2-Dichlorobenzene	ND		50.0	55.3		ug/L		111	64 - 132	1	35
1,2-Dichloroethane	ND		50.0	52.6		ug/L		105	47 - 146	2	35
1,2-Dichloropropane	ND		50.0	50.8		ug/L		102	59 - 140	1	35
1,3,5-Trimethylbenzene	ND		50.0	58.6		ug/L		117	34 - 150	0	35
1,3-Dichlorobenzene	ND		50.0	55.3		ug/L		111	67 - 130	1	35
1,3-Dichloropropane	ND		50.0	52.5		ug/L		105	65 - 140	3	35
1,4-Dichlorobenzene	ND		50.0	53.8		ug/L		108	67 - 128	2	35
2,2-Dichloropropane	ND		50.0	52.8		ug/L		106	54 - 150	3	35
2-Butanone (MEK)	ND		50.0	57.9		ug/L		116	10 - 150	2	35
Methyl n-butyl ketone (MNBK)	ND		50.0	54.5		ug/L		109	37 - 150	3	35
4-Chlorotoluene	ND		50.0	53.6		ug/L		107	63 - 141	2	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	55.4		ug/L		111	41 - 150	4	35
Acetone	ND		50.0	56.8		ug/L		114	10 - 150	12	35
Benzene	ND		50.0	51.9		ug/L		104	54 - 142	1	35
Bromobenzene	ND		50.0	59.2		ug/L		118	67 - 132	2	35
Chlorobromomethane	ND		50.0	57.1		ug/L		114	55 - 147	3	35
Dichlorobromomethane	ND		50.0	53.7		ug/L		107	61 - 143	1	35
Bromoform	ND		50.0	64.4		ug/L		129	57 - 148	1	35
Bromomethane	ND	*+ F1 ^+	50.0	74.9	F1	ug/L		150	56 - 149	6	35
Carbon disulfide	ND		50.0	59.5		ug/L		119	23 - 150	1	35
Carbon tetrachloride	ND		50.0	61.2		ug/L		122	51 - 143	6	35
Chlorobenzene	ND		50.0	54.5		ug/L		109	69 - 129	2	35
Chloroethane	ND		50.0	55.0		ug/L		110	41 - 150	1	35
Chloroform	ND		50.0	55.1		ug/L		110	60 - 148	3	35
Chloromethane	ND		50.0	46.3		ug/L		93	29 - 150	5	35
cis-1,2-Dichloroethene	21		50.0	67.2		ug/L		93	57 - 139	5	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-2 MSD
Matrix: Water
Analysis Batch: 288949

Client Sample ID: M-09_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		50.0	50.3		ug/L		101	57 - 145	2	35
Chlorodibromomethane	ND		50.0	57.2		ug/L		114	61 - 143	2	35
Dibromomethane	ND		50.0	54.3		ug/L		109	56 - 148	1	35
Dichlorodifluoromethane	ND		50.0	53.2		ug/L		106	20 - 150	7	35
Ethylbenzene	ND		50.0	54.0		ug/L		108	46 - 149	0	35
Freon 113	ND		50.0	59.9		ug/L		120	10 - 150	5	35
Hexachlorobutadiene	ND		50.0	59.9		ug/L		120	48 - 146	7	35
Isopropylbenzene	ND		50.0	59.3		ug/L		119	56 - 146	2	35
m-Xylene & p-Xylene	ND		50.0	57.6		ug/L		115	47 - 150	0	35
Methyl tert-butyl ether	ND		50.0	56.4		ug/L		113	51 - 150	2	35
Methylene Chloride	ND		50.0	55.8		ug/L		112	43 - 150	4	35
Naphthalene	ND		50.0	58.5		ug/L		117	32 - 150	12	35
n-Butylbenzene	ND		50.0	53.7		ug/L		107	54 - 146	3	35
N-Propylbenzene	ND		50.0	56.1		ug/L		112	54 - 150	2	35
o-Xylene	ND		50.0	57.3		ug/L		115	52 - 150	0	35
4-Isopropyltoluene	ND		50.0	58.7		ug/L		117	53 - 147	3	35
sec-Butylbenzene	ND		50.0	59.5		ug/L		119	54 - 145	4	35
Styrene	ND		50.0	57.2		ug/L		114	20 - 150	1	35
tert-Butylbenzene	ND		50.0	62.9		ug/L		126	57 - 143	3	35
Tetrachloroethene	3.5		50.0	61.6		ug/L		116	37 - 150	3	35
Toluene	ND		50.0	54.6		ug/L		109	54 - 141	1	35
trans-1,2-Dichloroethene	1.9	J	50.0	58.8		ug/L		114	58 - 140	1	35
trans-1,3-Dichloropropene	ND		50.0	50.6		ug/L		101	57 - 147	3	35
Trichloroethene	9.7		50.0	61.5		ug/L		104	58 - 134	3	35
Trichlorofluoromethane	ND		50.0	62.5		ug/L		125	46 - 150	4	35
Vinyl acetate	ND		50.0	49.8		ug/L		100	10 - 150	1	35
Vinyl chloride	2.8	J	50.0	63.9		ug/L		122	29 - 150	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*118*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*

Lab Sample ID: MB 550-289083/6
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/19/22 14:16	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/19/22 14:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/19/22 14:16	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/19/22 14:16	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/19/22 14:16	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/19/22 14:16	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/19/22 14:16	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/19/22 14:16	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/19/22 14:16	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/19/22 14:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289083/6
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 14:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/19/22 14:16	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/19/22 14:16	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/19/22 14:16	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/19/22 14:16	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/19/22 14:16	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/19/22 14:16	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/19/22 14:16	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/19/22 14:16	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/19/22 14:16	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/19/22 14:16	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/19/22 14:16	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/19/22 14:16	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/19/22 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/19/22 14:16	1
Acetone	ND		20	9.8	ug/L			11/19/22 14:16	1
Benzene	ND		2.0	0.52	ug/L			11/19/22 14:16	1
Bromobenzene	ND		5.0	0.49	ug/L			11/19/22 14:16	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/19/22 14:16	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/19/22 14:16	1
Bromoform	ND		5.0	0.64	ug/L			11/19/22 14:16	1
Bromomethane	ND		10	5.2	ug/L			11/19/22 14:16	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/19/22 14:16	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/19/22 14:16	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/19/22 14:16	1
Chloroethane	ND		5.0	0.62	ug/L			11/19/22 14:16	1
Chloroform	ND		2.0	0.48	ug/L			11/19/22 14:16	1
Chloromethane	ND		5.0	0.84	ug/L			11/19/22 14:16	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/19/22 14:16	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/19/22 14:16	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/19/22 14:16	1
Dibromomethane	ND		2.0	0.55	ug/L			11/19/22 14:16	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/19/22 14:16	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/19/22 14:16	1
Freon 113	ND		5.0	0.53	ug/L			11/19/22 14:16	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/19/22 14:16	1
Iodomethane	ND		2.0	0.53	ug/L			11/19/22 14:16	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/19/22 14:16	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/19/22 14:16	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/19/22 14:16	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/19/22 14:16	1
Naphthalene	ND		5.0	2.2	ug/L			11/19/22 14:16	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/19/22 14:16	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/19/22 14:16	1
o-Xylene	ND		5.0	0.47	ug/L			11/19/22 14:16	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/19/22 14:16	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/19/22 14:16	1
Styrene	ND		2.0	0.49	ug/L			11/19/22 14:16	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/19/22 14:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289083/6
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/19/22 14:16	1
Toluene	ND		2.0	0.49	ug/L			11/19/22 14:16	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/19/22 14:16	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/19/22 14:16	1
Trichloroethene	ND		2.0	0.54	ug/L			11/19/22 14:16	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/19/22 14:16	1
Vinyl acetate	ND		25	4.1	ug/L			11/19/22 14:16	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/19/22 14:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/19/22 14:16*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*11/19/22 14:16*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*11/19/22 14:16*	*1*

Lab Sample ID: LCS 550-289083/3
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	52.7		ug/L		105	68 - 133
1,1,1-Trichloroethane	50.0	53.2		ug/L		106	62 - 134
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/L		98	60 - 135
1,1,2-Trichloroethane	50.0	49.0		ug/L		98	69 - 130
1,1-Dichloroethane	50.0	47.8		ug/L		96	65 - 132
1,1-Dichloroethene	50.0	56.0		ug/L		112	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	52.5		ug/L		105	62 - 139
1,2,3-Trichloropropane	50.0	48.9		ug/L		98	67 - 130
1,2,4-Trichlorobenzene	50.0	51.9		ug/L		104	66 - 135
1,2,4-Trimethylbenzene	50.0	53.1		ug/L		106	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	47.7		ug/L		95	58 - 133
1,2-Dibromoethane	50.0	47.8		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	46.5		ug/L		93	54 - 135
1,2-Dichloropropane	50.0	45.3		ug/L		91	80 - 120
1,3,5-Trimethylbenzene	50.0	54.4		ug/L		109	70 - 139
1,3-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130
1,3-Dichloropropane	50.0	46.6		ug/L		93	69 - 130
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130
2,2-Dichloropropane	50.0	53.7		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	46.1		ug/L		92	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	44.3		ug/L		89	50 - 148
4-Chlorotoluene	50.0	49.9		ug/L		100	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	44.2		ug/L		88	56 - 141
Acetone	50.0	51.5		ug/L		103	11 - 150
Benzene	50.0	46.5		ug/L		93	67 - 130
Bromobenzene	50.0	53.6		ug/L		107	70 - 130
Chlorobromomethane	50.0	51.1		ug/L		102	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289083/3
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	47.5		ug/L		95	69 - 130
Bromoform	50.0	54.7		ug/L		109	67 - 140
Bromomethane	50.0	60.4		ug/L		121	10 - 150
Carbon disulfide	50.0	50.6		ug/L		101	36 - 150
Carbon tetrachloride	50.0	51.3		ug/L		103	60 - 134
Chlorobenzene	50.0	49.6		ug/L		99	70 - 130
Chloroethane	50.0	51.0		ug/L		102	57 - 150
Chloroform	50.0	48.5		ug/L		97	80 - 120
Chloromethane	50.0	42.0		ug/L		84	46 - 150
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	64 - 130
cis-1,3-Dichloropropene	50.0	47.9		ug/L		96	66 - 134
Chlorodibromomethane	50.0	50.6		ug/L		101	65 - 133
Dibromomethane	50.0	47.3		ug/L		95	65 - 130
Dichlorodifluoromethane	50.0	34.8		ug/L		70	29 - 150
Ethylbenzene	50.0	49.2		ug/L		98	80 - 120
Freon 113	50.0	53.8		ug/L		108	37 - 150
Hexachlorobutadiene	50.0	57.6		ug/L		115	58 - 134
Isopropylbenzene	50.0	53.0		ug/L		106	70 - 139
m-Xylene & p-Xylene	50.0	51.7		ug/L		103	67 - 137
Methyl tert-butyl ether	50.0	53.2		ug/L		106	59 - 139
Methylene Chloride	50.0	52.8		ug/L		106	55 - 136
Naphthalene	50.0	50.5		ug/L		101	64 - 135
n-Butylbenzene	50.0	52.0		ug/L		104	70 - 136
N-Propylbenzene	50.0	51.1		ug/L		102	66 - 142
o-Xylene	50.0	51.8		ug/L		104	68 - 136
4-Isopropyltoluene	50.0	55.0		ug/L		110	67 - 138
sec-Butylbenzene	50.0	53.9		ug/L		108	66 - 135
Styrene	50.0	52.4		ug/L		105	69 - 135
tert-Butylbenzene	50.0	56.1		ug/L		112	64 - 135
Tetrachloroethene	50.0	51.9		ug/L		104	63 - 131
Toluene	50.0	48.9		ug/L		98	71 - 123
trans-1,2-Dichloroethene	50.0	52.6		ug/L		105	65 - 132
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	66 - 136
Trichloroethene	50.0	48.0		ug/L		96	67 - 130
Trichlorofluoromethane	50.0	52.6		ug/L		105	62 - 147
Vinyl acetate	50.0	50.4		ug/L		101	51 - 150
Vinyl chloride	50.0	53.1		ug/L		106	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289083/4
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	53.1		ug/L		106	68 - 133	1	20
1,1,1-Trichloroethane	50.0	54.1		ug/L		108	62 - 134	2	20
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	60 - 135	3	20
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	69 - 130	1	20
1,1-Dichloroethane	50.0	48.9		ug/L		98	65 - 132	2	20
1,1-Dichloroethene	50.0	57.1		ug/L		114	80 - 120	2	23
1,1-Dichloropropene	50.0	47.8		ug/L		96	63 - 130	1	20
1,2,3-Trichlorobenzene	50.0	52.2		ug/L		104	62 - 139	1	20
1,2,3-Trichloropropane	50.0	48.1		ug/L		96	67 - 130	2	20
1,2,4-Trichlorobenzene	50.0	52.2		ug/L		104	66 - 135	1	20
1,2,4-Trimethylbenzene	50.0	53.5		ug/L		107	70 - 134	1	20
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/L		91	58 - 133	4	21
1,2-Dibromoethane	50.0	47.3		ug/L		95	70 - 130	1	20
1,2-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 130	1	20
1,2-Dichloroethane	50.0	45.8		ug/L		92	54 - 135	1	20
1,2-Dichloropropane	50.0	45.9		ug/L		92	80 - 120	1	20
1,3,5-Trimethylbenzene	50.0	53.9		ug/L		108	70 - 139	1	20
1,3-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 130	2	20
1,3-Dichloropropane	50.0	46.6		ug/L		93	69 - 130	0	20
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130	2	20
2,2-Dichloropropane	50.0	54.0		ug/L		108	60 - 148	0	21
2-Butanone (MEK)	50.0	45.7		ug/L		91	50 - 150	1	34
Methyl n-butyl ketone (MNBK)	50.0	42.2		ug/L		84	50 - 148	5	29
4-Chlorotoluene	50.0	51.1		ug/L		102	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	50.0	42.4		ug/L		85	56 - 141	4	23
Acetone	50.0	46.6		ug/L		93	11 - 150	10	35
Benzene	50.0	46.6		ug/L		93	67 - 130	0	20
Bromobenzene	50.0	53.6		ug/L		107	70 - 130	0	20
Chlorobromomethane	50.0	50.9		ug/L		102	59 - 139	0	20
Dichlorobromomethane	50.0	47.9		ug/L		96	69 - 130	1	20
Bromoform	50.0	54.4		ug/L		109	67 - 140	1	20
Bromomethane	50.0	61.4		ug/L		123	10 - 150	2	31
Carbon disulfide	50.0	51.2		ug/L		102	36 - 150	1	26
Carbon tetrachloride	50.0	52.6		ug/L		105	60 - 134	3	20
Chlorobenzene	50.0	50.5		ug/L		101	70 - 130	2	20
Chloroethane	50.0	51.3		ug/L		103	57 - 150	0	29
Chloroform	50.0	49.5		ug/L		99	80 - 120	2	20
Chloromethane	50.0	41.3		ug/L		83	46 - 150	2	30
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	64 - 130	0	20
cis-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 134	1	20
Chlorodibromomethane	50.0	50.6		ug/L		101	65 - 133	0	20
Dibromomethane	50.0	46.8		ug/L		94	65 - 130	1	20
Dichlorodifluoromethane	50.0	34.3		ug/L		69	29 - 150	1	30
Ethylbenzene	50.0	49.8		ug/L		100	80 - 120	1	20
Freon 113	50.0	53.4		ug/L		107	37 - 150	1	20
Hexachlorobutadiene	50.0	57.8		ug/L		116	58 - 134	0	20
Isopropylbenzene	50.0	53.4		ug/L		107	70 - 139	1	20
m-Xylene & p-Xylene	50.0	52.4		ug/L		105	67 - 137	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289083/4
Matrix: Water
Analysis Batch: 289083

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	53.4		ug/L		107	59 - 139	0	22
Methylene Chloride			50.0	52.8		ug/L		106	55 - 136	0	23
Naphthalene			50.0	49.7		ug/L		99	64 - 135	2	20
n-Butylbenzene			50.0	52.8		ug/L		106	70 - 136	1	20
N-Propylbenzene			50.0	51.7		ug/L		103	66 - 142	1	20
o-Xylene			50.0	51.8		ug/L		104	68 - 136	0	20
4-Isopropyltoluene			50.0	55.1		ug/L		110	67 - 138	0	20
sec-Butylbenzene			50.0	53.7		ug/L		107	66 - 135	0	20
Styrene			50.0	52.7		ug/L		105	69 - 135	1	20
tert-Butylbenzene			50.0	56.1		ug/L		112	64 - 135	0	20
Tetrachloroethene			50.0	52.9		ug/L		106	63 - 131	2	20
Toluene			50.0	49.8		ug/L		100	71 - 123	2	20
trans-1,2-Dichloroethene			50.0	53.7		ug/L		107	65 - 132	2	20
trans-1,3-Dichloropropene			50.0	48.9		ug/L		98	66 - 136	1	20
Trichloroethene			50.0	48.5		ug/L		97	67 - 130	1	20
Trichlorofluoromethane			50.0	52.8		ug/L		106	62 - 147	0	22
Vinyl acetate			50.0	49.6		ug/L		99	51 - 150	2	29
Vinyl chloride			50.0	52.3		ug/L		105	80 - 120	2	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 550-193489-8 MS
Matrix: Water
Analysis Batch: 289083

Client Sample ID: COOK ESTATE_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane	ND		50.0	47.9		ug/L		96	62 - 139		
1,1,1-Trichloroethane	ND		50.0	49.4		ug/L		99	57 - 143		
1,1,2,2-Tetrachloroethane	ND		50.0	43.2		ug/L		86	52 - 150		
1,1,2-Trichloroethane	ND		50.0	46.4		ug/L		93	62 - 137		
1,1-Dichloroethane	ND		50.0	45.4		ug/L		91	58 - 145		
1,1-Dichloroethene	ND		50.0	47.2		ug/L		94	50 - 150		
1,1-Dichloropropene	ND		50.0	43.2		ug/L		86	50 - 142		
1,2,3-Trichlorobenzene	3.6	J	50.0	43.0		ug/L		79	52 - 144		
1,2,3-Trichloropropane	ND		50.0	43.8		ug/L		88	59 - 138		
1,2,4-Trichlorobenzene	1.9	J	50.0	43.8		ug/L		84	54 - 140		
1,2,4-Trimethylbenzene	ND		50.0	47.2		ug/L		94	41 - 150		
1,2-Dibromo-3-Chloropropane	ND		50.0	41.4		ug/L		83	41 - 149		
1,2-Dibromoethane	ND		50.0	45.0		ug/L		90	67 - 136		
1,2-Dichlorobenzene	ND		50.0	45.3		ug/L		91	64 - 132		
1,2-Dichloroethane	ND		50.0	43.0		ug/L		86	47 - 146		
1,2-Dichloropropane	ND		50.0	43.4		ug/L		87	59 - 140		
1,3,5-Trimethylbenzene	ND		50.0	47.2		ug/L		94	34 - 150		
1,3-Dichlorobenzene	ND		50.0	46.4		ug/L		93	67 - 130		
1,3-Dichloropropane	ND		50.0	44.6		ug/L		89	65 - 140		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-8 MS
Matrix: Water
Analysis Batch: 289083

Client Sample ID: COOK ESTATE_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	ND		50.0	45.3		ug/L		91	67 - 128
2,2-Dichloropropane	ND		50.0	47.9		ug/L		96	54 - 150
2-Butanone (MEK)	ND		50.0	45.0		ug/L		90	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	43.1		ug/L		86	37 - 150
4-Chlorotoluene	ND		50.0	46.3		ug/L		93	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	43.3		ug/L		87	41 - 150
Acetone	ND		50.0	53.0		ug/L		106	10 - 150
Benzene	ND		50.0	43.0		ug/L		86	54 - 142
Bromobenzene	ND		50.0	48.5		ug/L		97	67 - 132
Chlorobromomethane	ND		50.0	47.3		ug/L		95	55 - 147
Dichlorobromomethane	ND		50.0	44.4		ug/L		89	61 - 143
Bromoform	ND		50.0	49.1		ug/L		98	57 - 148
Bromomethane	ND		50.0	51.9		ug/L		104	56 - 149
Carbon disulfide	ND		50.0	48.0		ug/L		96	23 - 150
Carbon tetrachloride	ND		50.0	46.4		ug/L		93	51 - 143
Chlorobenzene	ND		50.0	46.8		ug/L		94	69 - 129
Chloroethane	ND		50.0	46.6		ug/L		93	41 - 150
Chloroform	ND		50.0	46.2		ug/L		92	60 - 148
Chloromethane	ND		50.0	40.4		ug/L		81	29 - 150
cis-1,2-Dichloroethene	ND		50.0	42.9		ug/L		86	57 - 139
cis-1,3-Dichloropropene	ND		50.0	45.3		ug/L		91	57 - 145
Chlorodibromomethane	ND		50.0	47.1		ug/L		94	61 - 143
Dibromomethane	ND		50.0	44.4		ug/L		89	56 - 148
Dichlorodifluoromethane	ND		50.0	39.4		ug/L		79	20 - 150
Ethylbenzene	ND		50.0	46.2		ug/L		92	46 - 149
Freon 113	ND		50.0	46.9		ug/L		94	10 - 150
Hexachlorobutadiene	ND		50.0	49.7		ug/L		99	48 - 146
Isopropylbenzene	ND		50.0	47.6		ug/L		95	56 - 146
m-Xylene & p-Xylene	ND		50.0	48.0		ug/L		96	47 - 150
Methyl tert-butyl ether	ND		50.0	47.6		ug/L		95	51 - 150
Methylene Chloride	ND		50.0	47.7		ug/L		95	43 - 150
Naphthalene	4.2	J	50.0	41.4		ug/L		74	32 - 150
n-Butylbenzene	ND		50.0	45.9		ug/L		92	54 - 146
N-Propylbenzene	ND		50.0	46.4		ug/L		93	54 - 150
o-Xylene	ND		50.0	47.1		ug/L		94	52 - 150
4-Isopropyltoluene	ND		50.0	48.5		ug/L		97	53 - 147
sec-Butylbenzene	ND		50.0	47.8		ug/L		96	54 - 145
Styrene	ND		50.0	48.6		ug/L		97	20 - 150
tert-Butylbenzene	ND		50.0	50.2		ug/L		100	57 - 143
Tetrachloroethene	ND		50.0	48.3		ug/L		97	37 - 150
Toluene	ND		50.0	46.7		ug/L		93	54 - 141
trans-1,2-Dichloroethene	ND		50.0	47.4		ug/L		95	58 - 140
trans-1,3-Dichloropropene	ND		50.0	46.1		ug/L		92	57 - 147
Trichloroethene	ND		50.0	44.2		ug/L		88	58 - 134
Trichlorofluoromethane	ND		50.0	48.5		ug/L		97	46 - 150
Vinyl acetate	ND		50.0	51.7		ug/L		103	10 - 150
Vinyl chloride	ND		50.0	53.5		ug/L		107	29 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-8 MS
Matrix: Water
Analysis Batch: 289083

Client Sample ID: COOK ESTATE_11-2022
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 550-193489-8 MSD
Matrix: Water
Analysis Batch: 289083

Client Sample ID: COOK ESTATE_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	48.2		ug/L		96	62 - 139	1	35
1,1,1-Trichloroethane	ND		50.0	50.9		ug/L		102	57 - 143	3	35
1,1,2,2-Tetrachloroethane	ND		50.0	43.2		ug/L		86	52 - 150	0	35
1,1,2-Trichloroethane	ND		50.0	45.0		ug/L		90	62 - 137	3	35
1,1-Dichloroethane	ND		50.0	45.2		ug/L		90	58 - 145	0	35
1,1-Dichloroethene	ND		50.0	48.4		ug/L		97	50 - 150	2	35
1,1-Dichloropropene	ND		50.0	43.2		ug/L		86	50 - 142	0	35
1,2,3-Trichlorobenzene	3.6	J	50.0	46.6		ug/L		86	52 - 144	8	35
1,2,3-Trichloropropane	ND		50.0	43.8		ug/L		88	59 - 138	0	35
1,2,4-Trichlorobenzene	1.9	J	50.0	45.3		ug/L		87	54 - 140	3	35
1,2,4-Trimethylbenzene	ND		50.0	48.9		ug/L		98	41 - 150	3	35
1,2-Dibromo-3-Chloropropane	ND		50.0	40.9		ug/L		82	41 - 149	1	35
1,2-Dibromoethane	ND		50.0	43.9		ug/L		88	67 - 136	2	35
1,2-Dichlorobenzene	ND		50.0	46.4		ug/L		93	64 - 132	2	35
1,2-Dichloroethane	ND		50.0	42.2		ug/L		84	47 - 146	2	35
1,2-Dichloropropane	ND		50.0	43.3		ug/L		87	59 - 140	0	35
1,3,5-Trimethylbenzene	ND		50.0	49.0		ug/L		98	34 - 150	4	35
1,3-Dichlorobenzene	ND		50.0	47.3		ug/L		95	67 - 130	2	35
1,3-Dichloropropane	ND		50.0	44.1		ug/L		88	65 - 140	1	35
1,4-Dichlorobenzene	ND		50.0	45.9		ug/L		92	67 - 128	1	35
2,2-Dichloropropane	ND		50.0	49.0		ug/L		98	54 - 150	2	35
2-Butanone (MEK)	ND		50.0	41.5		ug/L		83	10 - 150	8	35
Methyl n-butyl ketone (MNBK)	ND		50.0	39.6		ug/L		79	37 - 150	8	35
4-Chlorotoluene	ND		50.0	47.4		ug/L		95	63 - 141	2	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	41.2		ug/L		82	41 - 150	5	35
Acetone	ND		50.0	51.1		ug/L		102	10 - 150	4	35
Benzene	ND		50.0	43.0		ug/L		86	54 - 142	0	35
Bromobenzene	ND		50.0	49.7		ug/L		99	67 - 132	3	35
Chlorobromomethane	ND		50.0	46.6		ug/L		93	55 - 147	2	35
Dichlorobromomethane	ND		50.0	44.0		ug/L		88	61 - 143	1	35
Bromoform	ND		50.0	49.1		ug/L		98	57 - 148	0	35
Bromomethane	ND		50.0	57.6		ug/L		115	56 - 149	11	35
Carbon disulfide	ND		50.0	49.7		ug/L		99	23 - 150	3	35
Carbon tetrachloride	ND		50.0	47.5		ug/L		95	51 - 143	2	35
Chlorobenzene	ND		50.0	46.8		ug/L		94	69 - 129	0	35
Chloroethane	ND		50.0	49.2		ug/L		98	41 - 150	5	35
Chloroform	ND		50.0	46.2		ug/L		92	60 - 148	0	35
Chloromethane	ND		50.0	39.8		ug/L		80	29 - 150	2	35
cis-1,2-Dichloroethene	ND		50.0	43.3		ug/L		87	57 - 139	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193489-8 MSD
Matrix: Water
Analysis Batch: 289083

Client Sample ID: COOK ESTATE_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		50.0	45.0		ug/L		90	57 - 145	1	35
Chlorodibromomethane	ND		50.0	46.9		ug/L		94	61 - 143	0	35
Dibromomethane	ND		50.0	43.6		ug/L		87	56 - 148	2	35
Dichlorodifluoromethane	ND		50.0	41.0		ug/L		82	20 - 150	4	35
Ethylbenzene	ND		50.0	46.6		ug/L		93	46 - 149	1	35
Freon 113	ND		50.0	49.4		ug/L		99	10 - 150	5	35
Hexachlorobutadiene	ND		50.0	51.5		ug/L		103	48 - 146	4	35
Isopropylbenzene	ND		50.0	49.7		ug/L		99	56 - 146	4	35
m-Xylene & p-Xylene	ND		50.0	48.8		ug/L		98	47 - 150	2	35
Methyl tert-butyl ether	ND		50.0	47.5		ug/L		95	51 - 150	0	35
Methylene Chloride	ND		50.0	47.4		ug/L		95	43 - 150	1	35
Naphthalene	4.2	J	50.0	44.9		ug/L		82	32 - 150	8	35
n-Butylbenzene	ND		50.0	47.2		ug/L		94	54 - 146	3	35
N-Propylbenzene	ND		50.0	47.7		ug/L		95	54 - 150	3	35
o-Xylene	ND		50.0	47.9		ug/L		96	52 - 150	2	35
4-Isopropyltoluene	ND		50.0	50.1		ug/L		100	53 - 147	3	35
sec-Butylbenzene	ND		50.0	49.8		ug/L		100	54 - 145	4	35
Styrene	ND		50.0	49.7		ug/L		99	20 - 150	2	35
tert-Butylbenzene	ND		50.0	51.8		ug/L		104	57 - 143	3	35
Tetrachloroethene	ND		50.0	48.5		ug/L		97	37 - 150	1	35
Toluene	ND		50.0	46.6		ug/L		93	54 - 141	0	35
trans-1,2-Dichloroethene	ND		50.0	47.7		ug/L		95	58 - 140	1	35
trans-1,3-Dichloropropene	ND		50.0	45.1		ug/L		90	57 - 147	2	35
Trichloroethene	ND		50.0	44.4		ug/L		89	58 - 134	1	35
Trichlorofluoromethane	ND		50.0	51.7		ug/L		103	46 - 150	6	35
Vinyl acetate	ND		50.0	50.5		ug/L		101	10 - 150	2	35
Vinyl chloride	ND		50.0	55.4		ug/L		111	29 - 150	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193489-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193489-9	TB-05_11-2022	Total/NA	Water	8260B	
MB 550-288554/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288554/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288554/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 288949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193489-1	M-909_11-2022	Total/NA	Water	8260B	
550-193489-2	M-09_11-2022	Total/NA	Water	8260B	
550-193489-7	FB-01_11-2022	Total/NA	Water	8260B	
MB 550-288949/7	Method Blank	Total/NA	Water	8260B	
LCS 550-288949/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288949/5	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193489-2 MS	M-09_11-2022	Total/NA	Water	8260B	
550-193489-2 MSD	M-09_11-2022	Total/NA	Water	8260B	

Analysis Batch: 289083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193489-3	R-32_I2_11-2022	Total/NA	Water	8260B	
550-193489-4	R-32_D2_11-2022	Total/NA	Water	8260B	
550-193489-5	EWMW-2_11-2022	Total/NA	Water	8260B	
550-193489-6	SMW-29D_11-2022	Total/NA	Water	8260B	
550-193489-8	COOK ESTATE_11-2022	Total/NA	Water	8260B	
MB 550-289083/6	Method Blank	Total/NA	Water	8260B	
LCS 550-289083/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-289083/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193489-8 MS	COOK ESTATE_11-2022	Total/NA	Water	8260B	
550-193489-8 MSD	COOK ESTATE_11-2022	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Client Sample ID: M-909_11-2022
Lab Sample ID: 550-193489-1
Date Collected: 11/07/22 14:30
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288949	R1K	EET PHX	11/18/22 19:16

Client Sample ID: M-09_11-2022
Lab Sample ID: 550-193489-2
Date Collected: 11/07/22 16:55
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288949	R1K	EET PHX	11/18/22 19:42

Client Sample ID: R-32_I2_11-2022
Lab Sample ID: 550-193489-3
Date Collected: 11/08/22 12:05
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289083	R1K	EET PHX	11/19/22 20:36

Client Sample ID: R-32_D2_11-2022
Lab Sample ID: 550-193489-4
Date Collected: 11/08/22 12:10
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289083	R1K	EET PHX	11/19/22 21:03

Client Sample ID: EWMW-2_11-2022
Lab Sample ID: 550-193489-5
Date Collected: 11/08/22 09:49
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289083	R1K	EET PHX	11/19/22 21:29

Client Sample ID: SMW-29D_11-2022
Lab Sample ID: 550-193489-6
Date Collected: 11/08/22 11:13
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289083	R1K	EET PHX	11/19/22 21:55

Client Sample ID: FB-01_11-2022
Lab Sample ID: 550-193489-7
Date Collected: 11/07/22 14:45
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288949	R1K	EET PHX	11/18/22 13:09

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Client Sample ID: COOK ESTATE_11-2022

Lab Sample ID: 550-193489-8

Date Collected: 11/08/22 12:17

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289083	R1K	EET PHX	11/19/22 20:10

Client Sample ID: TB-05_11-2022

Lab Sample ID: 550-193489-9

Date Collected: 11/02/22 16:09

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 11:34

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193489-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193489-1	M-909_11-2022	Water	11/07/22 14:30	11/10/22 10:30
550-193489-2	M-09_11-2022	Water	11/07/22 16:55	11/10/22 10:30
550-193489-3	R-32_I2_11-2022	Water	11/08/22 12:05	11/10/22 10:30
550-193489-4	R-32_D2_11-2022	Water	11/08/22 12:10	11/10/22 10:30
550-193489-5	EWMW-2_11-2022	Water	11/08/22 09:49	11/10/22 10:30
550-193489-6	SMW-29D_11-2022	Water	11/08/22 11:13	11/10/22 10:30
550-193489-7	FB-01_11-2022	Water	11/07/22 14:45	11/10/22 10:30
550-193489-8	COOK ESTATE_11-2022	Water	11/08/22 12:17	11/10/22 10:30
550-193489-9	TB-05_11-2022	Water	11/02/22 16:09	11/10/22 10:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: LCS 550-288554/3 Client Sample ID:

Date Analyzed: 11/14/22 09:49 Lab File ID: 11142203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	7.33	Invalid Compound ID	kandeer	11/15/22 10:12

Lab Sample ID: MB 550-288554/6 Client Sample ID:

Date Analyzed: 11/14/22 10:52 Lab File ID: 11142206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:44

Lab Sample ID: 550-193489-9 Client Sample ID: TB-05_11-2022

Date Analyzed: 11/14/22 11:34 Lab File ID: 11142208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.98	Incomplete Integration	kandeer	11/15/22 10:50
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 10:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD1 550-288457/4 IC Client Sample ID:

Date Analyzed: 11/11/22 12:22 Lab File ID: 11112204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 08:32
Dichlorodifluoromethane	1.67	Split Peak	NWW4	11/12/22 08:33
Chloromethane	1.87	Incomplete Integration	NWW4	11/12/22 08:33
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 08:33
Butadiene	2.01	Incomplete Integration	NWW4	11/12/22 08:33
Bromomethane	2.34	Incomplete Integration	NWW4	11/12/22 09:50
Chloroethane	2.41	Split Peak	NWW4	11/12/22 08:34
1,1-Dichloroethene	3.31	Incomplete Integration	NWW4	11/12/22 08:35
Freon 113	3.36	Incomplete Integration	NWW4	11/12/22 08:38
Iodomethane	3.51	Incomplete Integration	NWW4	11/12/22 08:38
Carbon disulfide	3.59	Incomplete Integration	NWW4	11/12/22 08:38
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 08:40
Methyl tert-butyl ether	4.46	Incomplete Integration	NWW4	11/12/22 08:40
trans-1,2-Dichloroethene	4.48	Incomplete Integration	NWW4	11/12/22 08:39
1,1-Dichloroethane	5.16	Incomplete Integration	NWW4	11/12/22 08:41
Tetrahydrofuran	6.22	Incomplete Integration	NWW4	11/12/22 08:42
Tert-amyl methyl ether	7.03	Incomplete Integration	NWW4	11/12/22 08:42
1,2-Dichloropropane	7.79	Incomplete Integration	NWW4	11/12/22 08:42
Hexachlorobutadiene	13.88	Incomplete Integration	NWW4	11/12/22 08:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD2 550-288457/5 IC Client Sample ID:

Date Analyzed: 11/11/22 12:48 Lab File ID: 11112205.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/11/22 13:58
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/11/22 13:58
Chloromethane	1.85	Incomplete Integration	NWW4	11/11/22 13:59
Bromomethane	2.32	Incomplete Integration	NWW4	11/12/22 09:51
Chloroethane	2.40	Incomplete Integration	NWW4	11/12/22 08:51
Trichlorofluoromethane	2.72	Incomplete Integration	NWW4	11/12/22 08:51
Ethanol	2.89	Split Peak	NWW4	11/12/22 08:51
Freon 113	3.36	Incomplete Integration	NWW4	11/12/22 08:51
2-Methyl-2-propanol	4.21	Incomplete Integration	NWW4	11/11/22 13:59
Methyl tert-butyl ether	4.45	Incomplete Integration	NWW4	11/12/22 08:52
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 08:52
Tert-butyl ethyl ether	5.72	Incomplete Integration	NWW4	11/12/22 08:52
2-Butanone (MEK)	5.92	Incomplete Integration	NWW4	11/12/22 08:53
2,2-Dichloropropane	5.93	Incomplete Integration	NWW4	11/11/22 13:57
1,2-Dibromo-3-Chloropropane	12.77	Incomplete Integration	NWW4	11/11/22 13:57

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD3 550-288457/6 IC Client Sample ID:

Date Analyzed: 11/11/22 13:15 Lab File ID: 11112206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 08:54
Dichlorodifluoromethane	1.66	Incomplete Integration	NWW4	11/12/22 08:55
Chloromethane	1.86	Incomplete Integration	NWW4	11/12/22 08:55
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 08:55
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 08:55
Bromomethane	2.33	Incomplete Integration	NWW4	11/12/22 09:51
Trichlorofluoromethane	2.68	Incomplete Integration	NWW4	11/12/22 08:56
Ethanol	2.90	Split Peak	NWW4	11/12/22 08:56
Freon 113	3.36	Incomplete Integration	NWW4	11/11/22 13:57
Methylene Chloride	4.03	Incomplete Integration	NWW4	11/12/22 08:56
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 08:57
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 08:57
2-Butanone (MEK)	5.92	Incomplete Integration	NWW4	11/12/22 08:57
Tetrahydrofuran	6.22	Incomplete Integration	NWW4	11/12/22 08:57

Lab Sample ID: STD4 550-288457/7 IC Client Sample ID:

Date Analyzed: 11/11/22 14:14 Lab File ID: 11112208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 09:05
Dichlorodifluoromethane	1.67	Incomplete Integration	NWW4	11/12/22 09:05
Vinyl chloride	1.98	Incomplete Integration	NWW4	11/12/22 09:05
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:05
Trichlorofluoromethane	2.68	Incomplete Integration	NWW4	11/12/22 09:06
Ethanol	2.89	Incomplete Integration	NWW4	11/12/22 09:06
1,1-Dichloroethene	3.32	Incomplete Integration	NWW4	11/12/22 09:06
2-Methyl-2-propanol	4.24	Incomplete Integration	NWW4	11/12/22 09:06
Vinyl acetate	5.19	Incomplete Integration	NWW4	11/12/22 09:07

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD5 550-288457/8 IC Client Sample ID:

Date Analyzed: 11/11/22 14:40 Lab File ID: 11112209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/12/22 09:11
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:11
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:13
Bromomethane	2.32	Split Peak	NWW4	11/12/22 09:49
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:13
Ethanol	2.87	Incomplete Integration	NWW4	11/12/22 09:13
Acetone	3.35	Incomplete Integration	NWW4	11/12/22 09:14
2-Methyl-2-propanol	4.20	Incomplete Integration	NWW4	11/12/22 09:14
trans-1,2-Dichloroethene	4.43	Incomplete Integration	NWW4	11/12/22 09:14
Methyl tert-butyl ether	4.44	Incomplete Integration	NWW4	11/12/22 09:15
Isopropyl ether	5.20	Incomplete Integration	NWW4	11/12/22 09:15
2,2-Dichloropropane	5.91	Incomplete Integration	NWW4	11/12/22 09:15

Lab Sample ID: STD6 550-288457/9 IC Client Sample ID:

Date Analyzed: 11/11/22 15:06 Lab File ID: 11112210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.63	Incomplete Integration	NWW4	11/12/22 09:16
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:16
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:16
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:16
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:17
Ethanol	2.88	Incomplete Integration	NWW4	11/12/22 09:17
Acetone	3.35	Incomplete Integration	NWW4	11/12/22 09:17
Isopropyl ether	5.21	Incomplete Integration	NWW4	11/12/22 09:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: ICIS 550-288457/10 Client Sample ID:

Date Analyzed: 11/11/22 15:32 Lab File ID: 11112211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.62	Incomplete Integration	NWW4	11/12/22 09:22
Dichlorodifluoromethane	1.65	Incomplete Integration	NWW4	11/12/22 09:22
Chloromethane	1.85	Incomplete Integration	NWW4	11/12/22 09:22
Vinyl chloride	1.96	Incomplete Integration	NWW4	11/12/22 09:22
Butadiene	2.00	Incomplete Integration	NWW4	11/12/22 09:22
Trichlorofluoromethane	2.66	Incomplete Integration	NWW4	11/12/22 09:23
Ethanol	2.88	Incomplete Integration	NWW4	11/12/22 09:23
Isopropyl ether	5.22	Incomplete Integration	NWW4	11/12/22 09:23

Lab Sample ID: STD8 550-288457/11 IC Client Sample ID:

Date Analyzed: 11/11/22 15:59 Lab File ID: 11112212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.64	Incomplete Integration	NWW4	11/12/22 09:25
Dichlorodifluoromethane	1.67	Incomplete Integration	NWW4	11/12/22 09:25
Vinyl chloride	1.98	Incomplete Integration	NWW4	11/12/22 09:25
Trichlorofluoromethane	2.67	Incomplete Integration	NWW4	11/12/22 09:26
Ethanol	2.90	Incomplete Integration	NWW4	11/12/22 09:26
Acetone	3.38	Incomplete Integration	NWW4	11/12/22 09:26
Isopropyl ether	5.24	Incomplete Integration	NWW4	11/12/22 09:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288457

Lab Sample ID: STD9 550-288457/12 IC Client Sample ID:

Date Analyzed: 11/11/22 16:25 Lab File ID: 11112213.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.66	Incomplete Integration	NWW4	11/12/22 09:28
Vinyl chloride	1.97	Incomplete Integration	NWW4	11/12/22 09:28
Trichlorofluoromethane	2.71	Incomplete Integration	NWW4	11/12/22 09:29
Ethanol	2.90	Incomplete Integration	NWW4	11/12/22 09:29
Acetone	3.36	Incomplete Integration	NWW4	11/12/22 09:29
Isopropyl ether	5.24	Incomplete Integration	NWW4	11/12/22 09:29

Lab Sample ID: ICV 550-288457/15 Client Sample ID:

Date Analyzed: 11/11/22 17:44 Lab File ID: 11112216.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.64	Incomplete Integration	NWW4	11/12/22 09:56
Vinyl chloride	1.95	Incomplete Integration	NWW4	11/12/22 09:57
Trichlorofluoromethane	2.71	Incomplete Integration	NWW4	11/12/22 09:57
Ethanol	2.89	Incomplete Integration	NWW4	11/12/22 09:57
2-Methyl-2-propanol	4.21	Incomplete Integration	NWW4	11/12/22 09:58
Isopropyl ether	5.22	Incomplete Integration	NWW4	11/12/22 09:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288949

Lab Sample ID: CCVIS 550-288949/3 Client Sample ID:

Date Analyzed: 11/18/22 10:06 Lab File ID: 11162294.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.66	Incomplete Integration	BD4U	11/18/22 11:22
Ethanol	2.89	Incomplete Integration	kandeer	11/20/22 19:36

Lab Sample ID: LCS 550-288949/4 Client Sample ID:

Date Analyzed: 11/18/22 10:33 Lab File ID: 11162295.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	BD4U	11/18/22 11:23

Lab Sample ID: LCSD 550-288949/5 Client Sample ID:

Date Analyzed: 11/18/22 10:59 Lab File ID: 11162296.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	BD4U	11/18/22 11:23

Lab Sample ID: MB 550-288949/7 Client Sample ID:

Date Analyzed: 11/18/22 11:51 Lab File ID: 11162298.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	4.09	Incomplete Integration	kandeer	11/20/22 19:39
1,2-Dichloroethane		Invalid Compound ID	kandeer	11/20/22 19:39
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 19:39
Bromomethane		Invalid Compound ID	kandeer	11/20/22 19:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288949

Lab Sample ID: 550-193489-7 Client Sample ID: FB-01_11-2022

Date Analyzed: 11/18/22 13:09 Lab File ID: 11162301.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 19:42
Bromomethane		Invalid Compound ID	kandeer	11/20/22 19:41

Lab Sample ID: 550-193489-1 Client Sample ID: M-909_11-2022

Date Analyzed: 11/18/22 19:16 Lab File ID: 11162315.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.97	Incomplete Integration	kandeer	11/20/22 19:53
Acetone	3.36	Incomplete Integration	kandeer	11/20/22 19:53
trans-1,2-Dichloroethene	4.44	Incomplete Integration	kandeer	11/20/22 19:53
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 19:53
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 19:53
Bromomethane		Invalid Compound ID	kandeer	11/20/22 19:53
Chloromethane		Invalid Compound ID	kandeer	11/20/22 19:52

Lab Sample ID: 550-193489-2 Client Sample ID: M-09_11-2022

Date Analyzed: 11/18/22 19:42 Lab File ID: 11162316.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 19:54
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 19:54

Lab Sample ID: 550-193489-2 MS Client Sample ID: M-09_11-2022 MS

Date Analyzed: 11/18/22 20:08 Lab File ID: 11162317.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	kandeer	11/20/22 19:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 288949

Lab Sample ID: 550-193489-2 MSD Client Sample ID: M-09_11-2022 MSD

Date Analyzed: 11/18/22 20:35 Lab File ID: 11162318.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.68	Incomplete Integration	kandeer	11/20/22 19:56

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 289083

Lab Sample ID: CCVIS 550-289083/2 Client Sample ID:

Date Analyzed: 11/19/22 12:14 Lab File ID: 11192202.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.68	Incomplete Integration	BD4U	11/19/22 12:33
Ethanol	2.90	Incomplete Integration	kandeer	11/20/22 20:16
Isopropyl ether	5.24	Incomplete Integration	BD4U	11/19/22 12:33

Lab Sample ID: LCS 550-289083/3 Client Sample ID:

Date Analyzed: 11/19/22 12:50 Lab File ID: 11192203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.67	Incomplete Integration	kandeer	11/20/22 20:18
Trichlorofluoromethane	2.68	Incomplete Integration	kandeer	11/20/22 20:18
Freon 113	3.37	Incomplete Integration	kandeer	11/20/22 20:18

Lab Sample ID: LCSD 550-289083/4 Client Sample ID:

Date Analyzed: 11/19/22 13:23 Lab File ID: 11192204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.64	Incomplete Integration	kandeer	11/20/22 20:20
Trichlorofluoromethane	2.66	Incomplete Integration	kandeer	11/20/22 20:20

Lab Sample ID: MB 550-289083/6 Client Sample ID:

Date Analyzed: 11/19/22 14:16 Lab File ID: 11192206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 20:21
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 20:21
Chloromethane		Invalid Compound ID	kandeer	11/20/22 20:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 289083

Lab Sample ID: 550-193489-8 MS Client Sample ID: COOK ESTATE_11-2022 MS

Date Analyzed: 11/19/22 19:18 Lab File ID: 11192217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	kandeer	11/20/22 20:36

Lab Sample ID: 550-193489-8 MSD Client Sample ID: COOK ESTATE_11-2022 MSD

Date Analyzed: 11/19/22 19:44 Lab File ID: 11192218.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.67	Incomplete Integration	kandeer	11/20/22 20:37

Lab Sample ID: 550-193489-8 Client Sample ID: COOK ESTATE_11-2022

Date Analyzed: 11/19/22 20:10 Lab File ID: 11192219.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane		Invalid Compound ID	kandeer	11/20/22 20:39
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	kandeer	11/20/22 20:39
Acetone		Invalid Compound ID	kandeer	11/20/22 20:38
1,4-Dichlorobenzene	11.73	Peak assignment corrected	kandeer	11/20/22 20:39

Lab Sample ID: 550-193489-3 Client Sample ID: R-32_I2_11-2022

Date Analyzed: 11/19/22 20:36 Lab File ID: 11192220.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 20:40
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 20:40

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Analysis Batch Number: 289083

Lab Sample ID: 550-193489-4 Client Sample ID: R-32_D2_11-2022

Date Analyzed: 11/19/22 21:03 Lab File ID: 11192221.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 20:40
Chloromethane		Invalid Compound ID	kandeer	11/20/22 20:40

Lab Sample ID: 550-193489-5 Client Sample ID: EWMW-2_11-2022

Date Analyzed: 11/19/22 21:29 Lab File ID: 11192222.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	4.46	Incomplete Integration	kandeer	11/20/22 20:41
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 20:41

Lab Sample ID: 550-193489-6 Client Sample ID: SMW-29D_11-2022

Date Analyzed: 11/19/22 21:55 Lab File ID: 11192223.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	kandeer	11/20/22 20:42

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_2.5ppmPS_00802	11/16/22	11/09/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00895	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00203	11/23/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00203	11/23/22		Restek, Lot A0181569		(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_BFB 25ppm_00149							Tentatively Identified Compound	
							Trihalomethanes, Total	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00150							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_EtOH/TBA2_00221	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00224	12/16/22	11/16/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	2500 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00110	12/09/22	11/09/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00223	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00160	11/27/22	09/01/22	Methanol, Lot 288059	2 mL	MV_IS_00126	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00160	11/27/22	09/01/22	Methanol, Lot 288059	2 mL	MV_8260 Surr_00220	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00220	12/18/22		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_IS_00126	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00317	11/27/22	09/01/22	Methanol, Lot 171415	1 mL	MV_IS_00126	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_ISRE_00323	12/08/22	11/08/22	Methanol, Lot 2647732	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22	AccuStandard, Lot 222071048			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23	absolute, Lot 072821			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22	Restek, Lot A0182212			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
MV_Wk ICV_00441	11/24/22	11/10/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00108	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
					MV_ADDVA_00130	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00347	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00108	05/10/23		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00130	01/29/23	AccuStandard, Lot 222091397			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23	absolute, Lot 072821			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00347	11/24/22	Restek, Lot A0186584			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rxi-624Sil ID: 0.25(mm) GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	DBFM #	TOL #	TOL #	BFB #	BFB #
M-909_11-2022	550-193489-1	98		92		96	
M-09_11-2022	550-193489-2	100		93		96	
R-32_I2_11-2022	550-193489-3	98		93		97	
R-32_D2_11-2022	550-193489-4	99		94		97	
EWMW-2_11-2022	550-193489-5	98		93		98	
SMW-29D_11-2022	550-193489-6	100		94		99	
FB-01_11-2022	550-193489-7	101		94		95	
COOK ESTATE_11-2022	550-193489-8	97		94		98	
TB-05_11-2022	550-193489-9		94		88		78
	MB 550-288554/6		92		90		78
	MB 550-288949/7	100		94		95	
	MB 550-289083/6	97		94		96	
	LCS 550-288554/3		91		87		82
	LCS 550-288949/4	123		113		120	
	LCS 550-289083/3	98		94		101	
	LCSD 550-288554/4		93		87		83
	LCSD 550-288949/5	121		113		117	
	LCSD 550-289083/4	97		93		99	
M-09_11-2022 MS	550-193489-2 MS	125		114		124	
COOK ESTATE_11-2022 MS	550-193489-8 MS	98		93		103	
M-09_11-2022 MSD	550-193489-2 MSD	118		111		120	
COOK ESTATE_11-2022 MSD	550-193489-8 MSD	98		94		104	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	68-133	
1,1,1-Trichloroethane	50.0	49.6	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	44.7	89	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.4	101	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	42.0	84	62-139	
1,2,3-Trichloropropane	50.0	42.5	85	67-130	
1,2,4-Trichlorobenzene	50.0	44.4	89	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.4	93	58-133	
1,2-Dibromoethane	50.0	45.9	92	70-130	
1,2-Dichlorobenzene	50.0	42.4	85	70-130	
1,2-Dichloroethane	50.0	44.2	88	54-135	
1,2-Dichloropropane	50.0	46.5	93	80-120	
1,3,5-Trimethylbenzene	50.0	44.7	89	70-139	
1,3-Dichlorobenzene	50.0	44.3	89	70-130	
1,3-Dichloropropane	50.0	45.5	91	69-130	
1,4-Dichlorobenzene	50.0	43.5	87	70-130	
2,2-Dichloropropane	50.0	53.5	107	60-148	
2-Butanone (MEK)	50.0	52.3	105	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.0	102	56-141	
Acetone	50.0	43.6	87	11-150	
Benzene	50.0	46.2	92	67-130	
Bromobenzene	50.0	42.4	85	70-130	
Chlorobromomethane	50.0	48.1	96	59-139	
Dichlorobromomethane	50.0	45.6	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	56.7	113	10-150	
Carbon disulfide	50.0	58.4	117	36-150	
Carbon tetrachloride	50.0	46.3	93	60-134	
Chlorobenzene	50.0	44.0	88	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	60.2	120	46-150	
cis-1,2-Dichloroethene	50.0	45.7	91	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	66-134	
Chlorodibromomethane	50.0	45.4	91	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	29-150	
Ethylbenzene	50.0	46.0	92	80-120	
Freon 113	50.0	52.4	105	37-150	
Hexachlorobutadiene	50.0	45.8	92	58-134	
Isopropylbenzene	50.0	46.1	92	70-139	
m-Xylene & p-Xylene	50.0	45.0	90	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	49.0	98	55-136	
Naphthalene	50.0	42.5	85	64-135	
n-Butylbenzene	50.0	48.3	97	70-136	
N-Propylbenzene	50.0	45.8	92	66-142	
o-Xylene	50.0	45.1	90	68-136	
4-Isopropyltoluene	50.0	47.0	94	67-138	
sec-Butylbenzene	50.0	46.4	93	66-135	
Styrene	50.0	44.3	89	69-135	
tert-Butylbenzene	50.0	45.7	91	64-135	
Tetrachloroethene	50.0	45.9	92	63-131	
Toluene	50.0	46.6	93	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	48.1	96	66-136	
Trichloroethene	50.0	46.2	92	67-130	
Trichlorofluoromethane	50.0	50.3	101	62-147	
Vinyl acetate	50.0	57.6	115	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162295.D

Lab ID: LCS 550-288949/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	62.5	125	68-133	
1,1,1-Trichloroethane	50.0	64.0	128	62-134	
1,1,2,2-Tetrachloroethane	50.0	54.1	108	60-135	
1,1,2-Trichloroethane	50.0	58.0	116	69-130	
1,1-Dichloroethane	50.0	56.7	113	65-132	
1,1-Dichloroethene	50.0	60.8	122	80-120	*+
1,1-Dichloropropene	50.0	56.8	114	63-130	
1,2,3-Trichlorobenzene	50.0	58.4	117	62-139	
1,2,3-Trichloropropane	50.0	59.4	119	67-130	
1,2,4-Trichlorobenzene	50.0	54.9	110	66-135	
1,2,4-Trimethylbenzene	50.0	58.9	118	70-134	
1,2-Dibromo-3-Chloropropane	50.0	59.4	119	58-133	
1,2-Dibromoethane	50.0	57.8	116	70-130	
1,2-Dichlorobenzene	50.0	58.7	117	70-130	
1,2-Dichloroethane	50.0	57.4	115	54-135	
1,2-Dichloropropane	50.0	54.1	108	80-120	
1,3,5-Trimethylbenzene	50.0	60.3	121	70-139	
1,3-Dichlorobenzene	50.0	57.1	114	70-130	
1,3-Dichloropropane	50.0	55.6	111	69-130	
1,4-Dichlorobenzene	50.0	56.1	112	70-130	
2,2-Dichloropropane	50.0	57.4	115	60-148	
2-Butanone (MEK)	50.0	62.1	124	50-150	
Methyl n-butyl ketone (MNBK)	50.0	56.6	113	50-148	
4-Chlorotoluene	50.0	54.7	109	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	57.5	115	56-141	
Acetone	50.0	63.6	127	11-150	
Benzene	50.0	54.5	109	67-130	
Bromobenzene	50.0	62.6	125	70-130	
Chlorobromomethane	50.0	61.8	124	59-139	
Dichlorobromomethane	50.0	57.7	115	69-130	
Bromoform	50.0	66.6	133	67-140	
Bromomethane	50.0	77.4	155	10-150	*+
Carbon disulfide	50.0	60.4	121	36-150	
Carbon tetrachloride	50.0	63.4	127	60-134	
Chlorobenzene	50.0	57.1	114	70-130	
Chloroethane	50.0	56.5	113	57-150	
Chloroform	50.0	59.3	119	80-120	
Chloromethane	50.0	44.8	90	46-150	
cis-1,2-Dichloroethene	50.0	57.2	114	64-130	
cis-1,3-Dichloropropene	50.0	54.8	110	66-134	
Chlorodibromomethane	50.0	60.9	122	65-133	
Dibromomethane	50.0	59.7	119	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162295.D

Lab ID: LCS 550-288949/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.0	106	29-150	
Ethylbenzene	50.0	55.6	111	80-120	
Freon 113	50.0	58.5	117	37-150	
Hexachlorobutadiene	50.0	60.8	122	58-134	
Isopropylbenzene	50.0	61.1	122	70-139	
m-Xylene & p-Xylene	50.0	60.1	120	67-137	
Methyl tert-butyl ether	50.0	62.0	124	59-139	
Methylene Chloride	50.0	59.9	120	55-136	
Naphthalene	50.0	59.5	119	64-135	
n-Butylbenzene	50.0	53.5	107	70-136	
N-Propylbenzene	50.0	56.2	112	66-142	
o-Xylene	50.0	60.5	121	68-136	
4-Isopropyltoluene	50.0	59.6	119	67-138	
sec-Butylbenzene	50.0	60.1	120	66-135	
Styrene	50.0	60.1	120	69-135	
tert-Butylbenzene	50.0	63.9	128	64-135	
Tetrachloroethene	50.0	61.6	123	63-131	
Toluene	50.0	57.2	114	71-123	
trans-1,2-Dichloroethene	50.0	60.7	121	65-132	
trans-1,3-Dichloropropene	50.0	56.0	112	66-136	
Trichloroethene	50.0	60.4	121	67-130	
Trichlorofluoromethane	50.0	61.8	124	62-147	
Vinyl acetate	50.0	37.5	75	51-150	
Vinyl chloride	50.0	58.7	117	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192203.D

Lab ID: LCS 550-289083/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	52.7	105	68-133	
1,1,1-Trichloroethane	50.0	53.2	106	62-134	
1,1,2,2-Tetrachloroethane	50.0	49.1	98	60-135	
1,1,2-Trichloroethane	50.0	49.0	98	69-130	
1,1-Dichloroethane	50.0	47.8	96	65-132	
1,1-Dichloroethene	50.0	56.0	112	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	52.5	105	62-139	
1,2,3-Trichloropropane	50.0	48.9	98	67-130	
1,2,4-Trichlorobenzene	50.0	51.9	104	66-135	
1,2,4-Trimethylbenzene	50.0	53.1	106	70-134	
1,2-Dibromo-3-Chloropropane	50.0	47.7	95	58-133	
1,2-Dibromoethane	50.0	47.8	96	70-130	
1,2-Dichlorobenzene	50.0	51.1	102	70-130	
1,2-Dichloroethane	50.0	46.5	93	54-135	
1,2-Dichloropropane	50.0	45.3	91	80-120	
1,3,5-Trimethylbenzene	50.0	54.4	109	70-139	
1,3-Dichlorobenzene	50.0	51.0	102	70-130	
1,3-Dichloropropane	50.0	46.6	93	69-130	
1,4-Dichlorobenzene	50.0	50.0	100	70-130	
2,2-Dichloropropane	50.0	53.7	107	60-148	
2-Butanone (MEK)	50.0	46.1	92	50-150	
Methyl n-butyl ketone (MNBK)	50.0	44.3	89	50-148	
4-Chlorotoluene	50.0	49.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	44.2	88	56-141	
Acetone	50.0	51.5	103	11-150	
Benzene	50.0	46.5	93	67-130	
Bromobenzene	50.0	53.6	107	70-130	
Chlorobromomethane	50.0	51.1	102	59-139	
Dichlorobromomethane	50.0	47.5	95	69-130	
Bromoform	50.0	54.7	109	67-140	
Bromomethane	50.0	60.4	121	10-150	
Carbon disulfide	50.0	50.6	101	36-150	
Carbon tetrachloride	50.0	51.3	103	60-134	
Chlorobenzene	50.0	49.6	99	70-130	
Chloroethane	50.0	51.0	102	57-150	
Chloroform	50.0	48.5	97	80-120	
Chloromethane	50.0	42.0	84	46-150	
cis-1,2-Dichloroethene	50.0	47.5	95	64-130	
cis-1,3-Dichloropropene	50.0	47.9	96	66-134	
Chlorodibromomethane	50.0	50.6	101	65-133	
Dibromomethane	50.0	47.3	95	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192203.D

Lab ID: LCS 550-289083/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	34.8	70	29-150	
Ethylbenzene	50.0	49.2	98	80-120	
Freon 113	50.0	53.8	108	37-150	
Hexachlorobutadiene	50.0	57.6	115	58-134	
Isopropylbenzene	50.0	53.0	106	70-139	
m-Xylene & p-Xylene	50.0	51.7	103	67-137	
Methyl tert-butyl ether	50.0	53.2	106	59-139	
Methylene Chloride	50.0	52.8	106	55-136	
Naphthalene	50.0	50.5	101	64-135	
n-Butylbenzene	50.0	52.0	104	70-136	
N-Propylbenzene	50.0	51.1	102	66-142	
o-Xylene	50.0	51.8	104	68-136	
4-Isopropyltoluene	50.0	55.0	110	67-138	
sec-Butylbenzene	50.0	53.9	108	66-135	
Styrene	50.0	52.4	105	69-135	
tert-Butylbenzene	50.0	56.1	112	64-135	
Tetrachloroethene	50.0	51.9	104	63-131	
Toluene	50.0	48.9	98	71-123	
trans-1,2-Dichloroethene	50.0	52.6	105	65-132	
trans-1,3-Dichloropropene	50.0	48.6	97	66-136	
Trichloroethene	50.0	48.0	96	67-130	
Trichlorofluoromethane	50.0	52.6	105	62-147	
Vinyl acetate	50.0	50.4	101	51-150	
Vinyl chloride	50.0	53.1	106	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	5	20	60-135	
1,1,2-Trichloroethane	50.0	45.9	92	2	20	69-130	
1,1-Dichloroethane	50.0	51.3	103	0	20	65-132	
1,1-Dichloroethene	50.0	50.4	101	0	23	80-120	
1,1-Dichloropropene	50.0	47.6	95	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	40.4	81	4	20	62-139	
1,2,3-Trichloropropane	50.0	45.4	91	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.6	85	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.0	92	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	7	21	58-133	
1,2-Dibromoethane	50.0	47.1	94	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.9	86	1	20	70-130	
1,2-Dichloroethane	50.0	44.8	90	1	20	54-135	
1,2-Dichloropropane	50.0	46.9	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.4	89	0	20	70-130	
1,3-Dichloropropane	50.0	46.3	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	2	20	70-130	
2,2-Dichloropropane	50.0	53.9	108	1	21	60-148	
2-Butanone (MEK)	50.0	59.0	118	12	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.1	118	11	29	50-148	
4-Chlorotoluene	50.0	45.7	91	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.9	112	9	23	56-141	
Acetone	50.0	49.7	99	13	35	11-150	
Benzene	50.0	46.1	92	0	20	67-130	
Bromobenzene	50.0	43.0	86	1	20	70-130	
Chlorobromomethane	50.0	48.7	97	1	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	39.6	79	3	20	67-140	
Bromomethane	50.0	56.3	113	1	31	10-150	
Carbon disulfide	50.0	58.6	117	0	26	36-150	
Carbon tetrachloride	50.0	46.3	93	0	20	60-134	
Chlorobenzene	50.0	44.7	89	2	20	70-130	
Chloroethane	50.0	57.9	116	2	29	57-150	
Chloroform	50.0	49.0	98	0	20	80-120	
Chloromethane	50.0	59.4	119	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	1	20	64-130	
cis-1,3-Dichloropropene	50.0	47.2	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	45.7	91	2	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	1	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	53.4	107	2	20	37-150	
Hexachlorobutadiene	50.0	43.8	88	4	20	58-134	
Isopropylbenzene	50.0	46.3	93	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.5	91	1	20	67-137	
Methyl tert-butyl ether	50.0	53.0	106	3	22	59-139	
Methylene Chloride	50.0	49.0	98	0	23	55-136	
Naphthalene	50.0	42.6	85	0	20	64-135	
n-Butylbenzene	50.0	48.5	97	0	20	70-136	
N-Propylbenzene	50.0	45.8	92	0	20	66-142	
o-Xylene	50.0	44.2	88	2	20	68-136	
4-Isopropyltoluene	50.0	47.4	95	1	20	67-138	
sec-Butylbenzene	50.0	46.1	92	1	20	66-135	
Styrene	50.0	44.2	88	0	20	69-135	
tert-Butylbenzene	50.0	45.7	91	0	20	64-135	
Tetrachloroethene	50.0	46.3	93	1	20	63-131	
Toluene	50.0	46.0	92	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.5	101	0	20	65-132	
trans-1,3-Dichloropropene	50.0	48.0	96	0	20	66-136	
Trichloroethene	50.0	45.9	92	1	20	67-130	
Trichlorofluoromethane	50.0	51.0	102	1	22	62-147	
Vinyl acetate	50.0	57.8	116	0	29	51-150	
Vinyl chloride	50.0	57.6	115	0	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162296.D

Lab ID: LCSD 550-288949/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	60.2	120	4	20	68-133	
1,1,1-Trichloroethane	50.0	63.4	127	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	51.7	103	5	20	60-135	
1,1,2-Trichloroethane	50.0	55.2	110	5	20	69-130	
1,1-Dichloroethane	50.0	55.1	110	3	20	65-132	
1,1-Dichloroethene	50.0	60.5	121	0	23	80-120	*+
1,1-Dichloropropene	50.0	55.7	111	2	20	63-130	
1,2,3-Trichlorobenzene	50.0	55.8	112	5	20	62-139	
1,2,3-Trichloropropane	50.0	56.7	113	5	20	67-130	
1,2,4-Trichlorobenzene	50.0	53.7	107	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	57.6	115	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	55.9	112	6	21	58-133	
1,2-Dibromoethane	50.0	55.2	110	5	20	70-130	
1,2-Dichlorobenzene	50.0	56.3	113	4	20	70-130	
1,2-Dichloroethane	50.0	56.0	112	2	20	54-135	
1,2-Dichloropropane	50.0	51.9	104	4	20	80-120	
1,3,5-Trimethylbenzene	50.0	60.5	121	0	20	70-139	
1,3-Dichlorobenzene	50.0	56.0	112	2	20	70-130	
1,3-Dichloropropane	50.0	52.5	105	6	20	69-130	
1,4-Dichlorobenzene	50.0	54.1	108	4	20	70-130	
2,2-Dichloropropane	50.0	56.3	113	2	21	60-148	
2-Butanone (MEK)	50.0	60.2	120	3	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	53.3	107	6	29	50-148	
4-Chlorotoluene	50.0	53.9	108	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	54.1	108	6	23	56-141	
Acetone	50.0	62.0	124	3	35	11-150	
Benzene	50.0	53.6	107	2	20	67-130	
Bromobenzene	50.0	60.6	121	3	20	70-130	
Chlorobromomethane	50.0	59.7	119	3	20	59-139	
Dichlorobromomethane	50.0	55.9	112	3	20	69-130	
Bromoform	50.0	62.4	125	7	20	67-140	
Bromomethane	50.0	75.9	152	2	31	10-150	*+
Carbon disulfide	50.0	60.1	120	1	26	36-150	
Carbon tetrachloride	50.0	62.6	125	1	20	60-134	
Chlorobenzene	50.0	55.4	111	3	20	70-130	
Chloroethane	50.0	55.0	110	3	29	57-150	
Chloroform	50.0	57.6	115	3	20	80-120	
Chloromethane	50.0	43.0	86	4	30	46-150	
cis-1,2-Dichloroethene	50.0	55.9	112	2	20	64-130	
cis-1,3-Dichloropropene	50.0	52.5	105	4	20	66-134	
Chlorodibromomethane	50.0	57.7	115	5	20	65-133	
Dibromomethane	50.0	56.6	113	5	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162296.D

Lab ID: LCSD 550-288949/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.0	104	2	30	29-150	
Ethylbenzene	50.0	54.2	108	2	20	80-120	
Freon 113	50.0	57.4	115	2	20	37-150	
Hexachlorobutadiene	50.0	57.6	115	5	20	58-134	
Isopropylbenzene	50.0	60.4	121	1	20	70-139	
m-Xylene & p-Xylene	50.0	58.8	118	2	20	67-137	
Methyl tert-butyl ether	50.0	58.8	118	5	22	59-139	
Methylene Chloride	50.0	58.8	118	2	23	55-136	
Naphthalene	50.0	56.4	113	5	20	64-135	
n-Butylbenzene	50.0	54.0	108	1	20	70-136	
N-Propylbenzene	50.0	55.7	111	1	20	66-142	
o-Xylene	50.0	58.8	118	3	20	68-136	
4-Isopropyltoluene	50.0	59.6	119	0	20	67-138	
sec-Butylbenzene	50.0	59.3	119	1	20	66-135	
Styrene	50.0	58.1	116	3	20	69-135	
tert-Butylbenzene	50.0	62.9	126	2	20	64-135	
Tetrachloroethene	50.0	61.3	123	1	20	63-131	
Toluene	50.0	56.1	112	2	20	71-123	
trans-1,2-Dichloroethene	50.0	60.0	120	1	20	65-132	
trans-1,3-Dichloropropene	50.0	52.3	105	7	20	66-136	
Trichloroethene	50.0	58.9	118	3	20	67-130	
Trichlorofluoromethane	50.0	61.4	123	1	22	62-147	
Vinyl acetate	50.0	38.5	77	3	29	51-150	
Vinyl chloride	50.0	57.1	114	3	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192204.D

Lab ID: LCSD 550-289083/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	53.1	106	1	20	68-133	
1,1,1-Trichloroethane	50.0	54.1	108	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	47.5	95	3	20	60-135	
1,1,2-Trichloroethane	50.0	48.4	97	1	20	69-130	
1,1-Dichloroethane	50.0	48.9	98	2	20	65-132	
1,1-Dichloroethene	50.0	57.1	114	2	23	80-120	
1,1-Dichloropropene	50.0	47.8	96	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	52.2	104	1	20	62-139	
1,2,3-Trichloropropane	50.0	48.1	96	2	20	67-130	
1,2,4-Trichlorobenzene	50.0	52.2	104	1	20	66-135	
1,2,4-Trimethylbenzene	50.0	53.5	107	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	45.7	91	4	21	58-133	
1,2-Dibromoethane	50.0	47.3	95	1	20	70-130	
1,2-Dichlorobenzene	50.0	51.5	103	1	20	70-130	
1,2-Dichloroethane	50.0	45.8	92	1	20	54-135	
1,2-Dichloropropane	50.0	45.9	92	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	53.9	108	1	20	70-139	
1,3-Dichlorobenzene	50.0	51.9	104	2	20	70-130	
1,3-Dichloropropane	50.0	46.6	93	0	20	69-130	
1,4-Dichlorobenzene	50.0	50.8	102	2	20	70-130	
2,2-Dichloropropane	50.0	54.0	108	0	21	60-148	
2-Butanone (MEK)	50.0	45.7	91	1	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	42.2	84	5	29	50-148	
4-Chlorotoluene	50.0	51.1	102	2	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	42.4	85	4	23	56-141	
Acetone	50.0	46.6	93	10	35	11-150	
Benzene	50.0	46.6	93	0	20	67-130	
Bromobenzene	50.0	53.6	107	0	20	70-130	
Chlorobromomethane	50.0	50.9	102	0	20	59-139	
Dichlorobromomethane	50.0	47.9	96	1	20	69-130	
Bromoform	50.0	54.4	109	1	20	67-140	
Bromomethane	50.0	61.4	123	2	31	10-150	
Carbon disulfide	50.0	51.2	102	1	26	36-150	
Carbon tetrachloride	50.0	52.6	105	3	20	60-134	
Chlorobenzene	50.0	50.5	101	2	20	70-130	
Chloroethane	50.0	51.3	103	0	29	57-150	
Chloroform	50.0	49.5	99	2	20	80-120	
Chloromethane	50.0	41.3	83	2	30	46-150	
cis-1,2-Dichloroethene	50.0	47.5	95	0	20	64-130	
cis-1,3-Dichloropropene	50.0	48.1	96	1	20	66-134	
Chlorodibromomethane	50.0	50.6	101	0	20	65-133	
Dibromomethane	50.0	46.8	94	1	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192204.D

Lab ID: LCSD 550-289083/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	34.3	69	1	30	29-150	
Ethylbenzene	50.0	49.8	100	1	20	80-120	
Freon 113	50.0	53.4	107	1	20	37-150	
Hexachlorobutadiene	50.0	57.8	116	0	20	58-134	
Isopropylbenzene	50.0	53.4	107	1	20	70-139	
m-Xylene & p-Xylene	50.0	52.4	105	1	20	67-137	
Methyl tert-butyl ether	50.0	53.4	107	0	22	59-139	
Methylene Chloride	50.0	52.8	106	0	23	55-136	
Naphthalene	50.0	49.7	99	2	20	64-135	
n-Butylbenzene	50.0	52.8	106	1	20	70-136	
N-Propylbenzene	50.0	51.7	103	1	20	66-142	
o-Xylene	50.0	51.8	104	0	20	68-136	
4-Isopropyltoluene	50.0	55.1	110	0	20	67-138	
sec-Butylbenzene	50.0	53.7	107	0	20	66-135	
Styrene	50.0	52.7	105	1	20	69-135	
tert-Butylbenzene	50.0	56.1	112	0	20	64-135	
Tetrachloroethene	50.0	52.9	106	2	20	63-131	
Toluene	50.0	49.8	100	2	20	71-123	
trans-1,2-Dichloroethene	50.0	53.7	107	2	20	65-132	
trans-1,3-Dichloropropene	50.0	48.9	98	1	20	66-136	
Trichloroethene	50.0	48.5	97	1	20	67-130	
Trichlorofluoromethane	50.0	52.8	106	0	22	62-147	
Vinyl acetate	50.0	49.6	99	2	29	51-150	
Vinyl chloride	50.0	52.3	105	2	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162317.D

Lab ID: 550-193489-2 MS Client ID: M-09_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	58.7	117	62-139	
1,1,1-Trichloroethane	50.0	ND	61.5	123	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	55.2	110	52-150	
1,1,2-Trichloroethane	50.0	ND	55.5	111	62-137	
1,1-Dichloroethane	50.0	ND	54.4	109	58-145	
1,1-Dichloroethene	50.0	ND	58.1	116	50-150	
1,1-Dichloropropene	50.0	ND	51.5	103	50-142	
1,2,3-Trichlorobenzene	50.0	ND	51.3	103	52-144	
1,2,3-Trichloropropane	50.0	ND	56.9	114	59-138	
1,2,4-Trichlorobenzene	50.0	ND	50.9	102	54-140	
1,2,4-Trimethylbenzene	50.0	ND	56.4	113	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	52.7	105	41-149	
1,2-Dibromoethane	50.0	ND	55.5	111	67-136	
1,2-Dichlorobenzene	50.0	ND	55.9	112	64-132	
1,2-Dichloroethane	50.0	ND	53.4	107	47-146	
1,2-Dichloropropane	50.0	ND	51.2	102	59-140	
1,3,5-Trimethylbenzene	50.0	ND	58.8	118	34-150	
1,3-Dichlorobenzene	50.0	ND	55.8	112	67-130	
1,3-Dichloropropane	50.0	ND	53.9	108	65-140	
1,4-Dichlorobenzene	50.0	ND	54.8	110	67-128	
2,2-Dichloropropane	50.0	ND	51.2	102	54-150	
2-Butanone (MEK)	50.0	ND	57.0	114	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	53.1	106	37-150	
4-Chlorotoluene	50.0	ND	54.6	109	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	53.2	106	41-150	
Acetone	50.0	ND	50.4	101	10-150	
Benzene	50.0	ND	51.1	102	54-142	
Bromobenzene	50.0	ND	60.6	121	67-132	
Chlorobromomethane	50.0	ND	59.0	118	55-147	
Dichlorobromomethane	50.0	ND	54.5	109	61-143	
Bromoform	50.0	ND	63.6	127	57-148	
Bromomethane	50.0	ND	70.2	140	56-149	
Carbon disulfide	50.0	ND	59.1	118	23-150	
Carbon tetrachloride	50.0	ND	57.5	115	51-143	
Chlorobenzene	50.0	ND	55.6	111	69-129	
Chloroethane	50.0	ND	54.3	109	41-150	
Chloroform	50.0	ND	56.7	113	60-148	
Chloromethane	50.0	ND	44.2	88	29-150	
cis-1,2-Dichloroethene	50.0	21	64.2	87	57-139	
cis-1,3-Dichloropropene	50.0	ND	51.4	103	57-145	
Chlorodibromomethane	50.0	ND	58.2	116	61-143	
Dibromomethane	50.0	ND	55.0	110	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162317.D

Lab ID: 550-193489-2 MS Client ID: M-09_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	49.7	99	20-150	
Ethylbenzene	50.0	ND	54.0	108	46-149	
Freon 113	50.0	ND	57.1	114	10-150	
Hexachlorobutadiene	50.0	ND	55.8	112	48-146	
Isopropylbenzene	50.0	ND	58.2	116	56-146	
m-Xylene & p-Xylene	50.0	ND	57.8	116	47-150	
Methyl tert-butyl ether	50.0	ND	57.7	115	51-150	
Methylene Chloride	50.0	ND	58.0	116	43-150	
Naphthalene	50.0	ND	51.8	104	32-150	
n-Butylbenzene	50.0	ND	52.2	104	54-146	
N-Propylbenzene	50.0	ND	54.9	110	54-150	
o-Xylene	50.0	ND	57.5	115	52-150	
4-Isopropyltoluene	50.0	ND	57.1	114	53-147	
sec-Butylbenzene	50.0	ND	57.3	115	54-145	
Styrene	50.0	ND	57.8	116	20-150	
tert-Butylbenzene	50.0	ND	61.0	122	57-143	
Tetrachloroethene	50.0	3.5	59.8	113	37-150	
Toluene	50.0	ND	54.9	110	54-141	
trans-1,2-Dichloroethene	50.0	1.9 J	59.4	115	58-140	
trans-1,3-Dichloropropene	50.0	ND	52.0	104	57-147	
Trichloroethene	50.0	9.7	59.8	100	58-134	
Trichlorofluoromethane	50.0	ND	60.2	120	46-150	
Vinyl acetate	50.0	ND	50.2	100	10-150	
Vinyl chloride	50.0	2.8 J	60.5	115	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192217.D

Lab ID: 550-193489-8 MS Client ID: COOK ESTATE_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	47.9	96	62-139	
1,1,1-Trichloroethane	50.0	ND	49.4	99	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	43.2	86	52-150	
1,1,2-Trichloroethane	50.0	ND	46.4	93	62-137	
1,1-Dichloroethane	50.0	ND	45.4	91	58-145	
1,1-Dichloroethene	50.0	ND	47.2	94	50-150	
1,1-Dichloropropene	50.0	ND	43.2	86	50-142	
1,2,3-Trichlorobenzene	50.0	3.6 J	43.0	79	52-144	
1,2,3-Trichloropropane	50.0	ND	43.8	88	59-138	
1,2,4-Trichlorobenzene	50.0	1.9 J	43.8	84	54-140	
1,2,4-Trimethylbenzene	50.0	ND	47.2	94	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	41.4	83	41-149	
1,2-Dibromoethane	50.0	ND	45.0	90	67-136	
1,2-Dichlorobenzene	50.0	ND	45.3	91	64-132	
1,2-Dichloroethane	50.0	ND	43.0	86	47-146	
1,2-Dichloropropane	50.0	ND	43.4	87	59-140	
1,3,5-Trimethylbenzene	50.0	ND	47.2	94	34-150	
1,3-Dichlorobenzene	50.0	ND	46.4	93	67-130	
1,3-Dichloropropane	50.0	ND	44.6	89	65-140	
1,4-Dichlorobenzene	50.0	ND	45.3	91	67-128	
2,2-Dichloropropane	50.0	ND	47.9	96	54-150	
2-Butanone (MEK)	50.0	ND	45.0	90	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	43.1	86	37-150	
4-Chlorotoluene	50.0	ND	46.3	93	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	43.3	87	41-150	
Acetone	50.0	ND	53.0	106	10-150	
Benzene	50.0	ND	43.0	86	54-142	
Bromobenzene	50.0	ND	48.5	97	67-132	
Chlorobromomethane	50.0	ND	47.3	95	55-147	
Dichlorobromomethane	50.0	ND	44.4	89	61-143	
Bromoform	50.0	ND	49.1	98	57-148	
Bromomethane	50.0	ND	51.9	104	56-149	
Carbon disulfide	50.0	ND	48.0	96	23-150	
Carbon tetrachloride	50.0	ND	46.4	93	51-143	
Chlorobenzene	50.0	ND	46.8	94	69-129	
Chloroethane	50.0	ND	46.6	93	41-150	
Chloroform	50.0	ND	46.2	92	60-148	
Chloromethane	50.0	ND	40.4	81	29-150	
cis-1,2-Dichloroethene	50.0	ND	42.9	86	57-139	
cis-1,3-Dichloropropene	50.0	ND	45.3	91	57-145	
Chlorodibromomethane	50.0	ND	47.1	94	61-143	
Dibromomethane	50.0	ND	44.4	89	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192217.D

Lab ID: 550-193489-8 MS Client ID: COOK ESTATE_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	39.4	79	20-150	
Ethylbenzene	50.0	ND	46.2	92	46-149	
Freon 113	50.0	ND	46.9	94	10-150	
Hexachlorobutadiene	50.0	ND	49.7	99	48-146	
Isopropylbenzene	50.0	ND	47.6	95	56-146	
m-Xylene & p-Xylene	50.0	ND	48.0	96	47-150	
Methyl tert-butyl ether	50.0	ND	47.6	95	51-150	
Methylene Chloride	50.0	ND	47.7	95	43-150	
Naphthalene	50.0	4.2 J	41.4	74	32-150	
n-Butylbenzene	50.0	ND	45.9	92	54-146	
N-Propylbenzene	50.0	ND	46.4	93	54-150	
o-Xylene	50.0	ND	47.1	94	52-150	
4-Isopropyltoluene	50.0	ND	48.5	97	53-147	
sec-Butylbenzene	50.0	ND	47.8	96	54-145	
Styrene	50.0	ND	48.6	97	20-150	
tert-Butylbenzene	50.0	ND	50.2	100	57-143	
Tetrachloroethene	50.0	ND	48.3	97	37-150	
Toluene	50.0	ND	46.7	93	54-141	
trans-1,2-Dichloroethene	50.0	ND	47.4	95	58-140	
trans-1,3-Dichloropropene	50.0	ND	46.1	92	57-147	
Trichloroethene	50.0	ND	44.2	88	58-134	
Trichlorofluoromethane	50.0	ND	48.5	97	46-150	
Vinyl acetate	50.0	ND	51.7	103	10-150	
Vinyl chloride	50.0	ND	53.5	107	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162318.D

Lab ID: 550-193489-2 MSD Client ID: M-09_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	57.8	116	2	35	62-139	
1,1,1-Trichloroethane	50.0	61.8	124	0	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	56.3	113	2	35	52-150	
1,1,2-Trichloroethane	50.0	54.7	109	1	35	62-137	
1,1-Dichloroethane	50.0	53.8	108	1	35	58-145	
1,1-Dichloroethene	50.0	59.7	119	3	35	50-150	
1,1-Dichloropropene	50.0	54.4	109	5	35	50-142	
1,2,3-Trichlorobenzene	50.0	56.5	113	10	35	52-144	
1,2,3-Trichloropropane	50.0	57.2	114	0	35	59-138	
1,2,4-Trichlorobenzene	50.0	52.9	106	4	35	54-140	
1,2,4-Trimethylbenzene	50.0	56.6	113	0	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	59.0	118	11	35	41-149	
1,2-Dibromoethane	50.0	55.2	110	0	35	67-136	
1,2-Dichlorobenzene	50.0	55.3	111	1	35	64-132	
1,2-Dichloroethane	50.0	52.6	105	2	35	47-146	
1,2-Dichloropropane	50.0	50.8	102	1	35	59-140	
1,3,5-Trimethylbenzene	50.0	58.6	117	0	35	34-150	
1,3-Dichlorobenzene	50.0	55.3	111	1	35	67-130	
1,3-Dichloropropane	50.0	52.5	105	3	35	65-140	
1,4-Dichlorobenzene	50.0	53.8	108	2	35	67-128	
2,2-Dichloropropane	50.0	52.8	106	3	35	54-150	
2-Butanone (MEK)	50.0	57.9	116	2	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	54.5	109	3	35	37-150	
4-Chlorotoluene	50.0	53.6	107	2	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	55.4	111	4	35	41-150	
Acetone	50.0	56.8	114	12	35	10-150	
Benzene	50.0	51.9	104	1	35	54-142	
Bromobenzene	50.0	59.2	118	2	35	67-132	
Chlorobromomethane	50.0	57.1	114	3	35	55-147	
Dichlorobromomethane	50.0	53.7	107	1	35	61-143	
Bromoform	50.0	64.4	129	1	35	57-148	
Bromomethane	50.0	74.9	150	6	35	56-149	F1
Carbon disulfide	50.0	59.5	119	1	35	23-150	
Carbon tetrachloride	50.0	61.2	122	6	35	51-143	
Chlorobenzene	50.0	54.5	109	2	35	69-129	
Chloroethane	50.0	55.0	110	1	35	41-150	
Chloroform	50.0	55.1	110	3	35	60-148	
Chloromethane	50.0	46.3	93	5	35	29-150	
cis-1,2-Dichloroethene	50.0	67.2	93	5	35	57-139	
cis-1,3-Dichloropropene	50.0	50.3	101	2	35	57-145	
Chlorodibromomethane	50.0	57.2	114	2	35	61-143	
Dibromomethane	50.0	54.3	109	1	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11162318.D

Lab ID: 550-193489-2 MSD Client ID: M-09_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	7	35	20-150	
Ethylbenzene	50.0	54.0	108	0	35	46-149	
Freon 113	50.0	59.9	120	5	35	10-150	
Hexachlorobutadiene	50.0	59.9	120	7	35	48-146	
Isopropylbenzene	50.0	59.3	119	2	35	56-146	
m-Xylene & p-Xylene	50.0	57.6	115	0	35	47-150	
Methyl tert-butyl ether	50.0	56.4	113	2	35	51-150	
Methylene Chloride	50.0	55.8	112	4	35	43-150	
Naphthalene	50.0	58.5	117	12	35	32-150	
n-Butylbenzene	50.0	53.7	107	3	35	54-146	
N-Propylbenzene	50.0	56.1	112	2	35	54-150	
o-Xylene	50.0	57.3	115	0	35	52-150	
4-Isopropyltoluene	50.0	58.7	117	3	35	53-147	
sec-Butylbenzene	50.0	59.5	119	4	35	54-145	
Styrene	50.0	57.2	114	1	35	20-150	
tert-Butylbenzene	50.0	62.9	126	3	35	57-143	
Tetrachloroethene	50.0	61.6	116	3	35	37-150	
Toluene	50.0	54.6	109	1	35	54-141	
trans-1,2-Dichloroethene	50.0	58.8	114	1	35	58-140	
trans-1,3-Dichloropropene	50.0	50.6	101	3	35	57-147	
Trichloroethene	50.0	61.5	104	3	35	58-134	
Trichlorofluoromethane	50.0	62.5	125	4	35	46-150	
Vinyl acetate	50.0	49.8	100	1	35	10-150	
Vinyl chloride	50.0	63.9	122	5	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192218.D

Lab ID: 550-193489-8 MSD Client ID: COOK ESTATE_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	48.2	96	1	35	62-139	
1,1,1-Trichloroethane	50.0	50.9	102	3	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	43.2	86	0	35	52-150	
1,1,2-Trichloroethane	50.0	45.0	90	3	35	62-137	
1,1-Dichloroethane	50.0	45.2	90	0	35	58-145	
1,1-Dichloroethene	50.0	48.4	97	2	35	50-150	
1,1-Dichloropropene	50.0	43.2	86	0	35	50-142	
1,2,3-Trichlorobenzene	50.0	46.6	86	8	35	52-144	
1,2,3-Trichloropropane	50.0	43.8	88	0	35	59-138	
1,2,4-Trichlorobenzene	50.0	45.3	87	3	35	54-140	
1,2,4-Trimethylbenzene	50.0	48.9	98	3	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	40.9	82	1	35	41-149	
1,2-Dibromoethane	50.0	43.9	88	2	35	67-136	
1,2-Dichlorobenzene	50.0	46.4	93	2	35	64-132	
1,2-Dichloroethane	50.0	42.2	84	2	35	47-146	
1,2-Dichloropropane	50.0	43.3	87	0	35	59-140	
1,3,5-Trimethylbenzene	50.0	49.0	98	4	35	34-150	
1,3-Dichlorobenzene	50.0	47.3	95	2	35	67-130	
1,3-Dichloropropane	50.0	44.1	88	1	35	65-140	
1,4-Dichlorobenzene	50.0	45.9	92	1	35	67-128	
2,2-Dichloropropane	50.0	49.0	98	2	35	54-150	
2-Butanone (MEK)	50.0	41.5	83	8	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	39.6	79	8	35	37-150	
4-Chlorotoluene	50.0	47.4	95	2	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	41.2	82	5	35	41-150	
Acetone	50.0	51.1	102	4	35	10-150	
Benzene	50.0	43.0	86	0	35	54-142	
Bromobenzene	50.0	49.7	99	3	35	67-132	
Chlorobromomethane	50.0	46.6	93	2	35	55-147	
Dichlorobromomethane	50.0	44.0	88	1	35	61-143	
Bromoform	50.0	49.1	98	0	35	57-148	
Bromomethane	50.0	57.6	115	11	35	56-149	
Carbon disulfide	50.0	49.7	99	3	35	23-150	
Carbon tetrachloride	50.0	47.5	95	2	35	51-143	
Chlorobenzene	50.0	46.8	94	0	35	69-129	
Chloroethane	50.0	49.2	98	5	35	41-150	
Chloroform	50.0	46.2	92	0	35	60-148	
Chloromethane	50.0	39.8	80	2	35	29-150	
cis-1,2-Dichloroethene	50.0	43.3	87	1	35	57-139	
cis-1,3-Dichloropropene	50.0	45.0	90	1	35	57-145	
Chlorodibromomethane	50.0	46.9	94	0	35	61-143	
Dibromomethane	50.0	43.6	87	2	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11192218.D

Lab ID: 550-193489-8 MSD Client ID: COOK ESTATE_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	41.0	82	4	35	20-150	
Ethylbenzene	50.0	46.6	93	1	35	46-149	
Freon 113	50.0	49.4	99	5	35	10-150	
Hexachlorobutadiene	50.0	51.5	103	4	35	48-146	
Isopropylbenzene	50.0	49.7	99	4	35	56-146	
m-Xylene & p-Xylene	50.0	48.8	98	2	35	47-150	
Methyl tert-butyl ether	50.0	47.5	95	0	35	51-150	
Methylene Chloride	50.0	47.4	95	1	35	43-150	
Naphthalene	50.0	44.9	82	8	35	32-150	
n-Butylbenzene	50.0	47.2	94	3	35	54-146	
N-Propylbenzene	50.0	47.7	95	3	35	54-150	
o-Xylene	50.0	47.9	96	2	35	52-150	
4-Isopropyltoluene	50.0	50.1	100	3	35	53-147	
sec-Butylbenzene	50.0	49.8	100	4	35	54-145	
Styrene	50.0	49.7	99	2	35	20-150	
tert-Butylbenzene	50.0	51.8	104	3	35	57-143	
Tetrachloroethene	50.0	48.5	97	1	35	37-150	
Toluene	50.0	46.6	93	0	35	54-141	
trans-1,2-Dichloroethene	50.0	47.7	95	1	35	58-140	
trans-1,3-Dichloropropene	50.0	45.1	90	2	35	57-147	
Trichloroethene	50.0	44.4	89	1	35	58-134	
Trichlorofluoromethane	50.0	51.7	103	6	35	46-150	
Vinyl acetate	50.0	50.5	101	2	35	10-150	
Vinyl chloride	50.0	55.4	111	3	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11142206.D Lab Sample ID: MB 550-288554/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 10:52

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288554/3	11142203.D	11/14/2022 09:49
	LCSD 550-288554/4	11142204.D	11/14/2022 10:10
TB-05_11-2022	550-193489-9	11142208.D	11/14/2022 11:34

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11162298.D Lab Sample ID: MB 550-288949/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS25 Date Analyzed: 11/18/2022 11:51

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288949/4	11162295.D	11/18/2022 10:33
	LCSD 550-288949/5	11162296.D	11/18/2022 10:59
FB-01_11-2022	550-193489-7	11162301.D	11/18/2022 13:09
M-909_11-2022	550-193489-1	11162315.D	11/18/2022 19:16
M-09_11-2022	550-193489-2	11162316.D	11/18/2022 19:42
M-09_11-2022 MS	550-193489-2 MS	11162317.D	11/18/2022 20:08
M-09_11-2022 MSD	550-193489-2 MSD	11162318.D	11/18/2022 20:35

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11192206.D Lab Sample ID: MB 550-289083/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS25 Date Analyzed: 11/19/2022 14:16

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-289083/3	11192203.D	11/19/2022 12:50
	LCSD 550-289083/4	11192204.D	11/19/2022 13:23
COOK ESTATE_11-2022 MS	550-193489-8 MS	11192217.D	11/19/2022 19:18
COOK ESTATE_11-2022 MSD	550-193489-8 MSD	11192218.D	11/19/2022 19:44
COOK ESTATE_11-2022	550-193489-8	11192219.D	11/19/2022 20:10
R-32_I2_11-2022	550-193489-3	11192220.D	11/19/2022 20:36
R-32_D2_11-2022	550-193489-4	11192221.D	11/19/2022 21:03
EWMW-2_11-2022	550-193489-5	11192222.D	11/19/2022 21:29
SMW-29D_11-2022	550-193489-6	11192223.D	11/19/2022 21:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11142201.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 08:37

Analysis Batch No.: 288554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	98.7	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288554/2	11142202.D	11/14/2022	9:28
	LCS 550-288554/3	11142203.D	11/14/2022	9:49
	LCSD 550-288554/4	11142204.D	11/14/2022	10:10
	MB 550-288554/6	11142206.D	11/14/2022	10:52
TB-05_11-2022	550-193489-9	11142208.D	11/14/2022	11:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11112201.D BFB Injection Date: 11/11/2022

Instrument ID: GCMS25 BFB Injection Time: 11:04

Analysis Batch No.: 288457

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.1	(0.2) 1
174	Greater than 50% of mass 95	84.1	
175	5.0 - 9.0 % of mass 174	6.5	(7.7) 1
176	95.0 - 101.0 % of mass 174	80.3	(95.5) 1
177	5.0 - 9.0 % of mass 176	6.1	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-288457/4	11112204.D	11/11/2022	12:22
	STD2 550-288457/5	11112205.D	11/11/2022	12:48
	STD3 550-288457/6	11112206.D	11/11/2022	13:15
	STD4 550-288457/7	11112208.D	11/11/2022	14:14
	STD5 550-288457/8	11112209.D	11/11/2022	14:40
	STD6 550-288457/9	11112210.D	11/11/2022	15:06
	ICIS 550-288457/10	11112211.D	11/11/2022	15:32
	STD8 550-288457/11	11112212.D	11/11/2022	15:59
	STD9 550-288457/12	11112213.D	11/11/2022	16:25
	ICV 550-288457/15	11112216.D	11/11/2022	17:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11162292.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS25 BFB Injection Time: 09:14

Analysis Batch No.: 288949

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	88.7	
175	5.0 - 9.0 % of mass 174	7.7	(8.7) 1
176	95.0 - 101.0 % of mass 174	85.7	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.9	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288949/3	11162294.D	11/18/2022	10:06
	LCS 550-288949/4	11162295.D	11/18/2022	10:33
	LCSD 550-288949/5	11162296.D	11/18/2022	10:59
	MB 550-288949/7	11162298.D	11/18/2022	11:51
FB-01_11-2022	550-193489-7	11162301.D	11/18/2022	13:09
M-909_11-2022	550-193489-1	11162315.D	11/18/2022	19:16
M-09_11-2022	550-193489-2	11162316.D	11/18/2022	19:42
M-09_11-2022 MS	550-193489-2 MS	11162317.D	11/18/2022	20:08
M-09_11-2022 MSD	550-193489-2 MSD	11162318.D	11/18/2022	20:35

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab File ID: 11192201.D BFB Injection Date: 11/19/2022

Instrument ID: GCMS25 BFB Injection Time: 11:40

Analysis Batch No.: 289083

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	47.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	81.7	
175	5.0 - 9.0 % of mass 174	6.8	(8.3) 1
176	95.0 - 101.0 % of mass 174	78.0	(95.4) 1
177	5.0 - 9.0 % of mass 176	5.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-289083/2	11192202.D	11/19/2022	12:14
	LCS 550-289083/3	11192203.D	11/19/2022	12:50
	LCSD 550-289083/4	11192204.D	11/19/2022	13:23
	MB 550-289083/6	11192206.D	11/19/2022	14:16
COOK ESTATE_11-2022 MS	550-193489-8 MS	11192217.D	11/19/2022	19:18
COOK ESTATE_11-2022 MSD	550-193489-8 MSD	11192218.D	11/19/2022	19:44
COOK ESTATE_11-2022	550-193489-8	11192219.D	11/19/2022	20:10
R-32_I2_11-2022	550-193489-3	11192220.D	11/19/2022	20:36
R-32_D2_11-2022	550-193489-4	11192221.D	11/19/2022	21:03
EWMW-2_11-2022	550-193489-5	11192222.D	11/19/2022	21:29
SMW-29D_11-2022	550-193489-6	11192223.D	11/19/2022	21:55

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288554/2		153642	4.34	1079796	7.34	845101	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288554/2		496532	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		153642	4.34	1079796	7.34	845101	9.97
UPPER LIMIT		307284	4.84	2159592	7.84	1690202	10.47
LOWER LIMIT		76821	3.84	539898	6.84	422551	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		172893	4.33	1096549	7.33	858827	9.97
LCSD 550-288554/4		209788	4.33	1086471	7.33	859433	9.97
MB 550-288554/6		162830	4.32	1071195	7.33	788220	9.97
550-193489-9	TB-05_11-2022	140459	4.32	1106129	7.33	843068	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
Area Limit = 50%-200% of internal standard area
CBNZd5 = Chlorobenzene-d5
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496532	11.84				
UPPER LIMIT		993064	12.34				
LOWER LIMIT		248266	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		491570	11.84				
LCSD 550-288554/4		492470	11.85				
MB 550-288554/6		475441	11.84				
550-193489-9	TB-05_11-2022	513351	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: ICIS 550-288457/10 Date Analyzed: 11/11/2022 15:32

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11112211.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		243489	4.07	1246896	7.17	863023	9.84
UPPER LIMIT		486978	4.57	2493792	7.67	1726046	10.34
LOWER LIMIT		121745	3.57	623448	6.67	431512	9.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288457/15		231772	4.08	1349287	7.18	950897	9.85
CCVIS 550-288949/3		209036	4.08	1026780	7.18	755977	9.85
CCVIS 550-289083/2		192608	4.10	1053552	7.19	731217	9.85

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: ICIS 550-288457/10 Date Analyzed: 11/11/2022 15:32

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11112211.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		405764	11.70				
UPPER LIMIT		811528	12.20				
LOWER LIMIT		202882	11.20				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288457/15		444597	11.71				
CCVIS 550-288949/3		367169	11.70				
CCVIS 550-289083/2		351183	11.71				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-288949/3 Date Analyzed: 11/18/2022 10:06

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162294.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		209036	4.08	1026780	7.18	755977	9.85
UPPER LIMIT		418072	4.58	2053560	7.68	1511954	10.35
LOWER LIMIT		104518	3.58	513390	6.68	377989	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288949/4		220513	4.09	1047975	7.18	728790	9.84
LCSD 550-288949/5		206942	4.09	1041301	7.19	720103	9.85
MB 550-288949/7		149103	4.09	877168	7.18	603493	9.84
550-193489-7	FB-01_11-2022	143436	4.09	894253	7.18	597877	9.85
550-193489-1	M-909_11-2022	150785	4.07	823190	7.18	573325	9.85
550-193489-2	M-09_11-2022	169652	4.08	908931	7.18	625817	9.85
550-193489-2 MS	M-09_11-2022 MS	176486	4.09	1028950	7.18	743372	9.85
550-193489-2 MSD	M-09_11-2022 MSD	196498	4.11	982997	7.19	688108	9.85

TBAd9 = TBA-d9 (IS)
TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-288949/3 Date Analyzed: 11/18/2022 10:06

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11162294.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		367169	11.70				
UPPER LIMIT		734338	12.20				
LOWER LIMIT		183585	11.20				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288949/4		342047	11.70				
LCSD 550-288949/5		338445	11.70				
MB 550-288949/7		307278	11.70				
550-193489-7	FB-01_11-2022	304057	11.70				
550-193489-1	M-909_11-2022	292167	11.70				
550-193489-2	M-09_11-2022	314512	11.71				
550-193489-2 MS	M-09_11-2022 MS	350477	11.70				
550-193489-2 MSD	M-09_11-2022 MSD	321491	11.70				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-289083/2 Date Analyzed: 11/19/2022 12:14

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11192202.D Heated Purge: (Y/N) N

Calibration ID: 24382

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		192608	4.10	1053552	7.19	731217	9.85
UPPER LIMIT		385216	4.60	2107104	7.69	1462434	10.35
LOWER LIMIT		96304	3.60	526776	6.69	365609	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289083/3		163132	4.11	981965	7.19	685171	9.85
LCSD 550-289083/4		162071	4.09	1016878	7.18	721644	9.85
MB 550-289083/6		161927	4.08	949732	7.19	659604	9.85
550-193489-8 MS	COOK ESTATE_11-2022 MS	167363	4.09	1034918	7.18	745812	9.85
550-193489-8 MSD	COOK ESTATE_11-2022 MSD	157714	4.09	989616	7.19	715953	9.85
550-193489-8	COOK ESTATE_11-2022	143486	4.08	899729	7.18	615160	9.85
550-193489-3	R-32_I2_11-2022	149243	4.09	876005	7.19	616652	9.85
550-193489-4	R-32_D2_11-2022	163179	4.10	894454	7.19	605764	9.85
550-193489-5	EWMW-2_11-2022	171340	4.09	845129	7.19	571414	9.85
550-193489-6	SMW-29D_11-2022	165211	4.08	887684	7.19	605429	9.85

TBAd9 = TBA-d9 (IS)
TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Sample No.: CCVIS 550-289083/2 Date Analyzed: 11/19/2022 12:14

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11192202.D Heated Purge: (Y/N) N

Calibration ID: 24382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		351183	11.71				
UPPER LIMIT		702366	12.21				
LOWER LIMIT		175592	11.21				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289083/3		330055	11.70				
LCSD 550-289083/4		349905	11.71				
MB 550-289083/6		343910	11.70				
550-193489-8 MS	COOK ESTATE_11-2022 MS	364356	11.71				
550-193489-8 MSD	COOK ESTATE_11-2022 MSD	341819	11.70				
550-193489-8	COOK ESTATE_11-2022	310696	11.70				
550-193489-3	R-32_I2_11-2022	314031	11.70				
550-193489-4	R-32_D2_11-2022	310984	11.70				
550-193489-5	EWMW-2_11-2022	287622	11.71				
550-193489-6	SMW-29D_11-2022	310695	11.71				

DCBd4 = 1,4-Dichlorobenzene-d4
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-909_11-2022 | Lab Sample ID: 550-193489-1

Matrix: Water | Lab File ID: 11162315.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND	*+	10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-909_11-2022 | Lab Sample ID: 550-193489-1

Matrix: Water | Lab File ID: 11162315.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.2	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	1.3	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-909_11-2022 Lab Sample ID: 550-193489-1

Matrix: Water Lab File ID: 11162315.D

Analysis Method: 8260B Date Collected: 11/07/2022 14:30

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 19:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 | Lab Sample ID: 550-193489-2

Matrix: Water | Lab File ID: 11162316.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND	*+	10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 | Lab Sample ID: 550-193489-2

Matrix: Water | Lab File ID: 11162316.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	21		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	3.5		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.9	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	9.7		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	2.8	J	5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 | Lab Sample ID: 550-193489-2

Matrix: Water | Lab File ID: 11162316.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_I2_11-2022 | Lab Sample ID: 550-193489-3

Matrix: Water | Lab File ID: 11192220.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_I2_11-2022 | Lab Sample ID: 550-193489-3

Matrix: Water | Lab File ID: 11192220.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_I2_11-2022 | Lab Sample ID: 550-193489-3

Matrix: Water | Lab File ID: 11192220.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_D2_11-2022 | Lab Sample ID: 550-193489-4

Matrix: Water | Lab File ID: 11192221.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	5.3		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_D2_11-2022 | Lab Sample ID: 550-193489-4

Matrix: Water | Lab File ID: 11192221.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: R-32_D2_11-2022 | Lab Sample ID: 550-193489-4

Matrix: Water | Lab File ID: 11192221.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:10

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: EWMW-2_11-2022 | Lab Sample ID: 550-193489-5

Matrix: Water | Lab File ID: 11192222.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:49

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	0.76	J	2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: EWMW-2_11-2022 | Lab Sample ID: 550-193489-5

Matrix: Water | Lab File ID: 11192222.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:49

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.1	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: EWMW-2_11-2022 | Lab Sample ID: 550-193489-5

Matrix: Water | Lab File ID: 11192222.D

Analysis Method: 8260B | Date Collected: 11/08/2022 09:49

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: SMW-29D_11-2022 | Lab Sample ID: 550-193489-6

Matrix: Water | Lab File ID: 11192223.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: SMW-29D_11-2022 | Lab Sample ID: 550-193489-6

Matrix: Water | Lab File ID: 11192223.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	22		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	2.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	1.0	J	2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	11		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: SMW-29D_11-2022 | Lab Sample ID: 550-193489-6

Matrix: Water | Lab File ID: 11192223.D

Analysis Method: 8260B | Date Collected: 11/08/2022 11:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 21:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: FB-01_11-2022 | Lab Sample ID: 550-193489-7

Matrix: Water | Lab File ID: 11162301.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND	*+	5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	16	J	20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND	*+	10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: FB-01_11-2022 | Lab Sample ID: 550-193489-7

Matrix: Water | Lab File ID: 11162301.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: FB-01_11-2022 | Lab Sample ID: 550-193489-7

Matrix: Water | Lab File ID: 11162301.D

Analysis Method: 8260B | Date Collected: 11/07/2022 14:45

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 | Lab Sample ID: 550-193489-8

Matrix: Water | Lab File ID: 11192219.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 20:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	3.6	J	5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.9	J	5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 | Lab Sample ID: 550-193489-8

Matrix: Water | Lab File ID: 11192219.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 20:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	4.2	J	5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 Lab Sample ID: 550-193489-8

Matrix: Water Lab File ID: 11192219.D

Analysis Method: 8260B Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 20:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: TB-05_11-2022 | Lab Sample ID: 550-193489-9

Matrix: Water | Lab File ID: 11142208.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:09

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: TB-05_11-2022 | Lab Sample ID: 550-193489-9

Matrix: Water | Lab File ID: 11142208.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:09

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.3	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: TB-05_11-2022 Lab Sample ID: 550-193489-9

Matrix: Water Lab File ID: 11142208.D

Analysis Method: 8260B Date Collected: 11/02/2022 16:09

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820 590270	23369 1093770	44205 1713268	113457 2433449	230000	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
o-Xylene	DCBd 4	Ave	12186 596363	22361 1102767	45036 1757376	113388 2489368	230979	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Styrene	DCBd 4	Ave	20048 976727	36409 1821407	72167 2876741	183206 4073657	368740	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromoform	DCBd 4	Lin1	3461 207798	7309 448612	14175 673641	36416 932135	75395	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropylbenzene	DCBd 4	Ave	32535 1535127	58804 2765314	116731 4447920	304387 6384950	618051	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373 283985	10692 591531	21797 864543	54080 1161589	107495	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++ 49543	1632 115425	3541 165843	8921 235599	17964	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromobenzene	DCBd 4	Ave	9028 416601	16443 777457	32504 1216631	79932 1739659	162358	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	1966 89048	3836 178905	6960 257575	16891 345230	33538	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
N-Propylbenzene	DCBd 4	Ave	37422 1671545	68870 2957134	134900 4762155	352218 6833611	705915	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chlorotoluene	DCBd 4	Ave	24985 1153446	44951 2026291	90119 3305517	229830 4819550	460861	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188	42024	78737	206697	410767	0.500	1.00	2.00	5.00	10.0
			1011919	1817393	2925530	4137291		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	25006	46259	91779	240694	483514	0.500	1.00	2.00	5.00	10.0
			1114906	1935535	3256219	4729715		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602	49398	96879	251844	502992	0.500	1.00	2.00	5.00	10.0
			1206372	2076668	3452051	4988214		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	31737	59115	116071	306873	613132	0.500	1.00	2.00	5.00	10.0
			1397170	2442130	4131905	5954380		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	18204	32162	63978	161734	320044	0.500	1.00	2.00	5.00	10.0
			782193	1373413	2207118	3219631		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	30674	56668	111423	295543	587952	0.500	1.00	2.00	5.00	10.0
			1338220	2309199	3889447	5687819		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	18081	33153	62813	161066	316239	0.500	1.00	2.00	5.00	10.0
			774798	1337786	2139443	3123296		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	26110	48862	97171	254863	501452	0.500	1.00	2.00	5.00	10.0
			1081192	1824868	3087386	4451351		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	16275	31664	61906	153686	304555	0.500	1.00	2.00	5.00	10.0
			745964	1286930	2063903	2937840		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	2115	3925	9662	20545	+++++	1.00	2.00	5.00	10.0
			52427	108561	161361	215067		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013	26264	51354	123692	240612	0.500	1.00	2.00	5.00	10.0
			527877	825209	1387789	2003749		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315	47570	94346	223054	456140	0.500	1.00	2.00	5.00	10.0
			1073774	1836236	2893271	3994468		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431	23843	47926	111538	223058	0.500	1.00	2.00	5.00	10.0
			492528	760157	1264493	1812202		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	5687	10083	20413	51709	102070	0.400	0.800	1.60	4.00	8.00
			264652	520666	766954	1061325		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	22724	37437	70682	186679	369827	0.400	0.800	1.60	4.00	8.00
			960642	1852093	2756738	3865342		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935	13840	24714	61647	120915	0.400	0.800	1.60	4.00	8.00
			310857	566354	863856	1259583		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

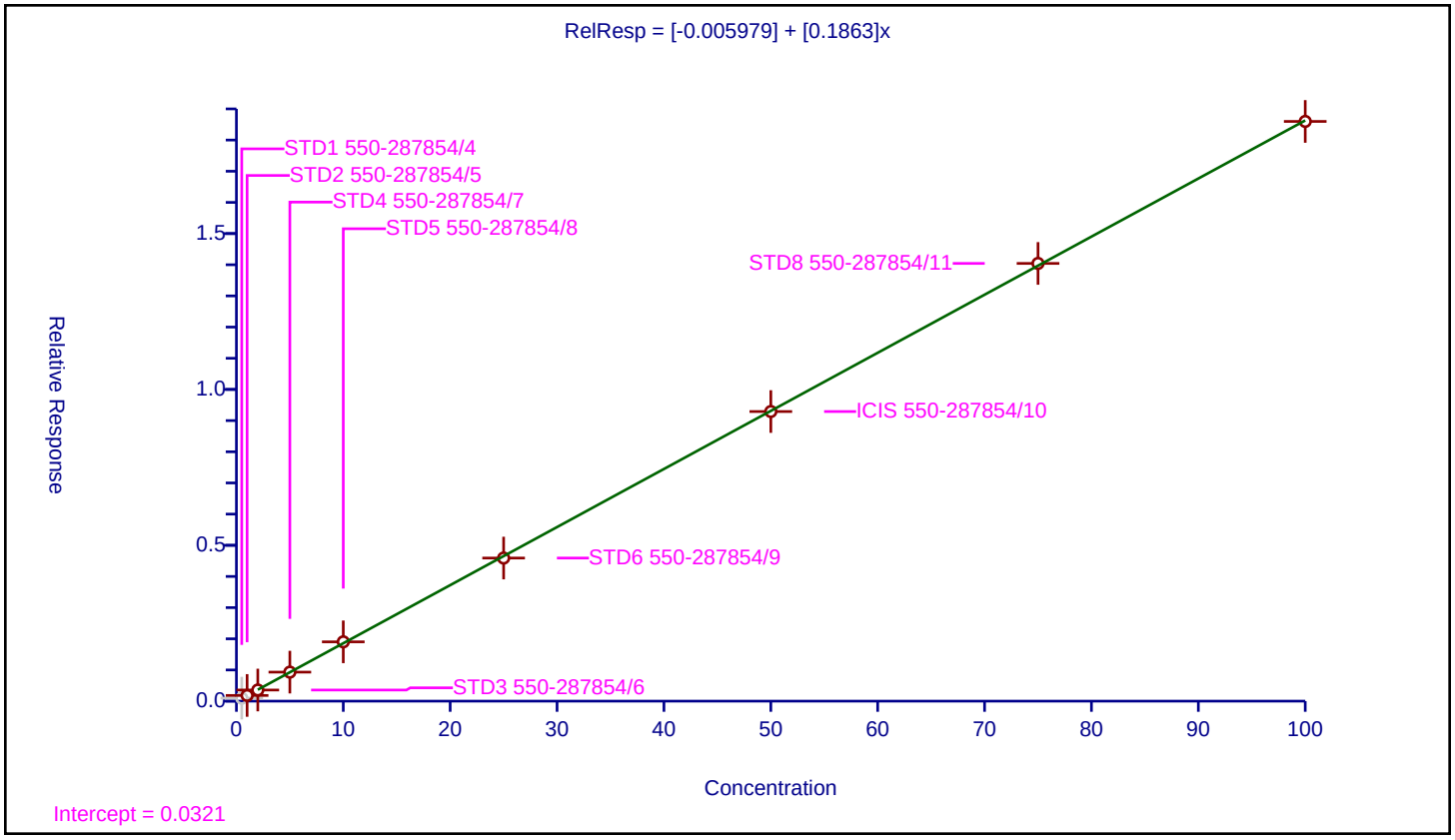
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

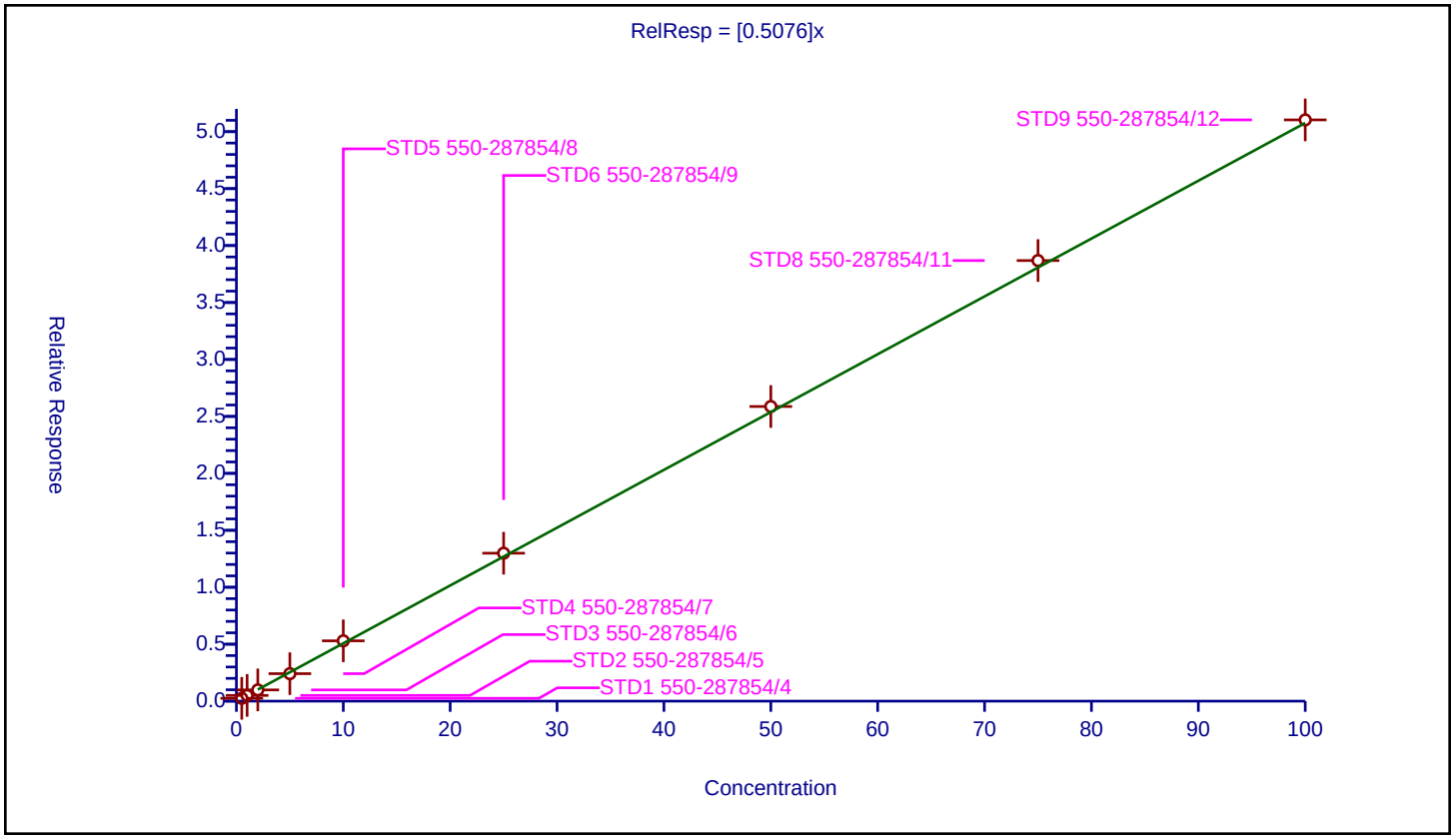
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

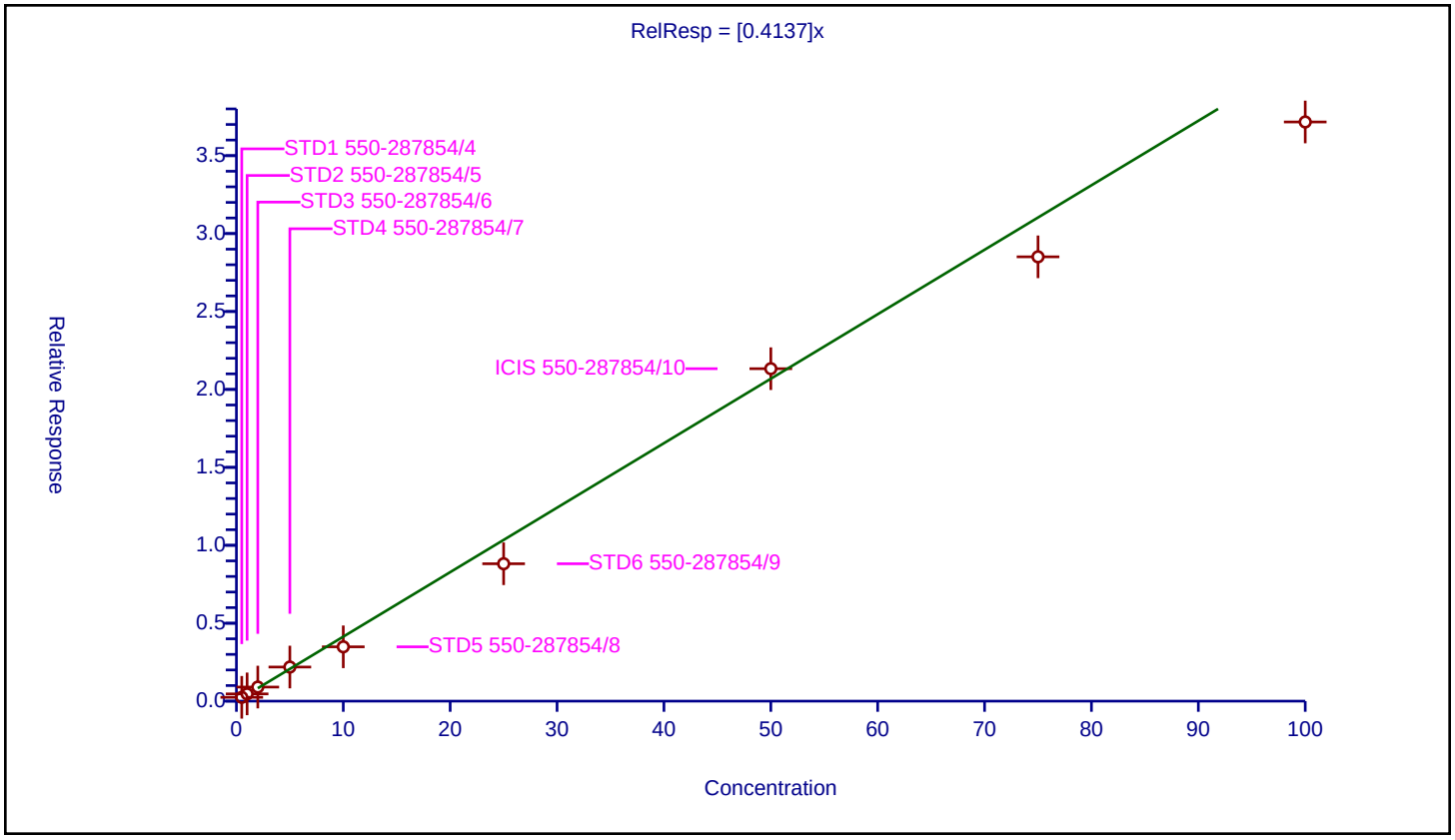
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

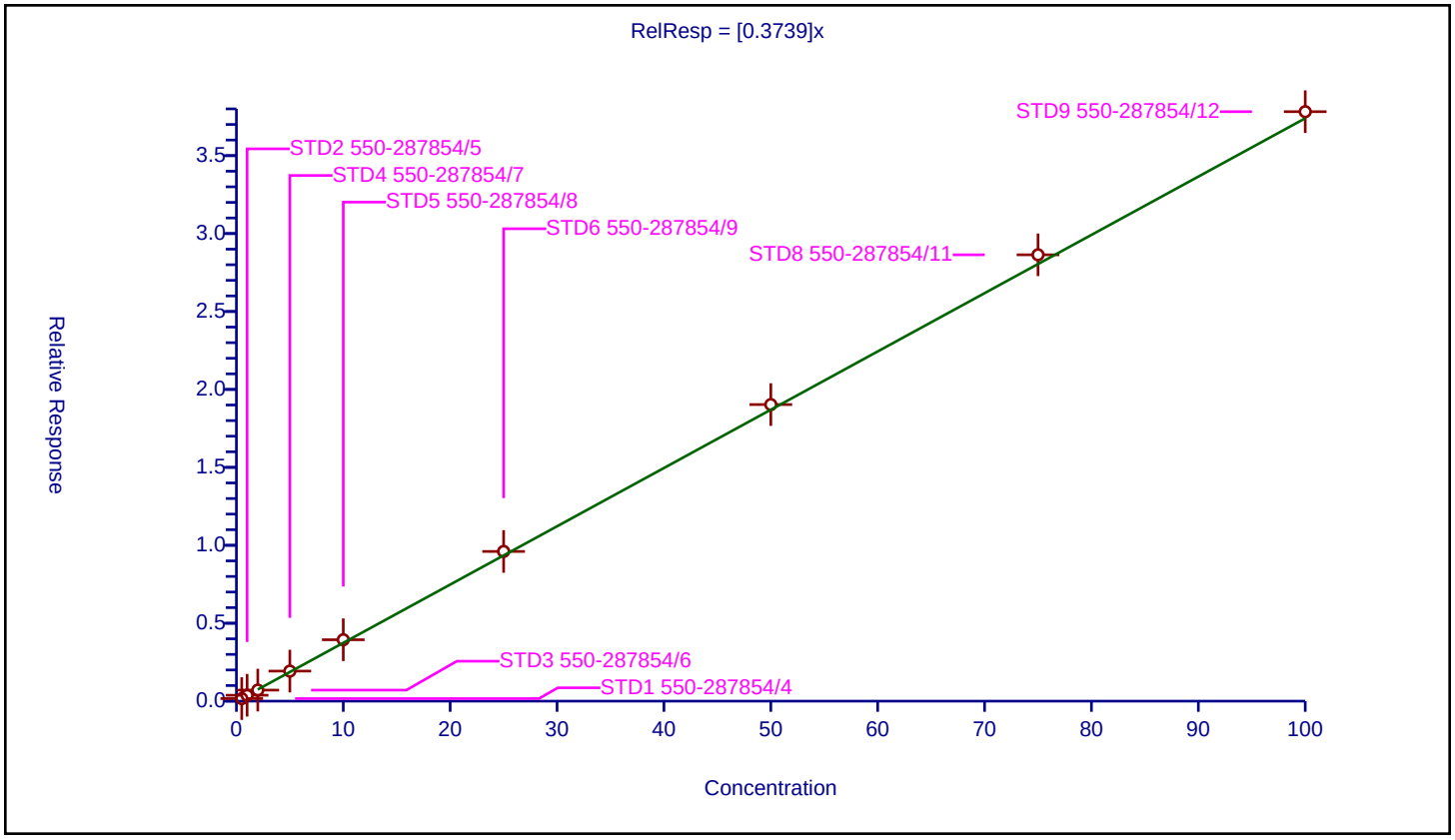
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

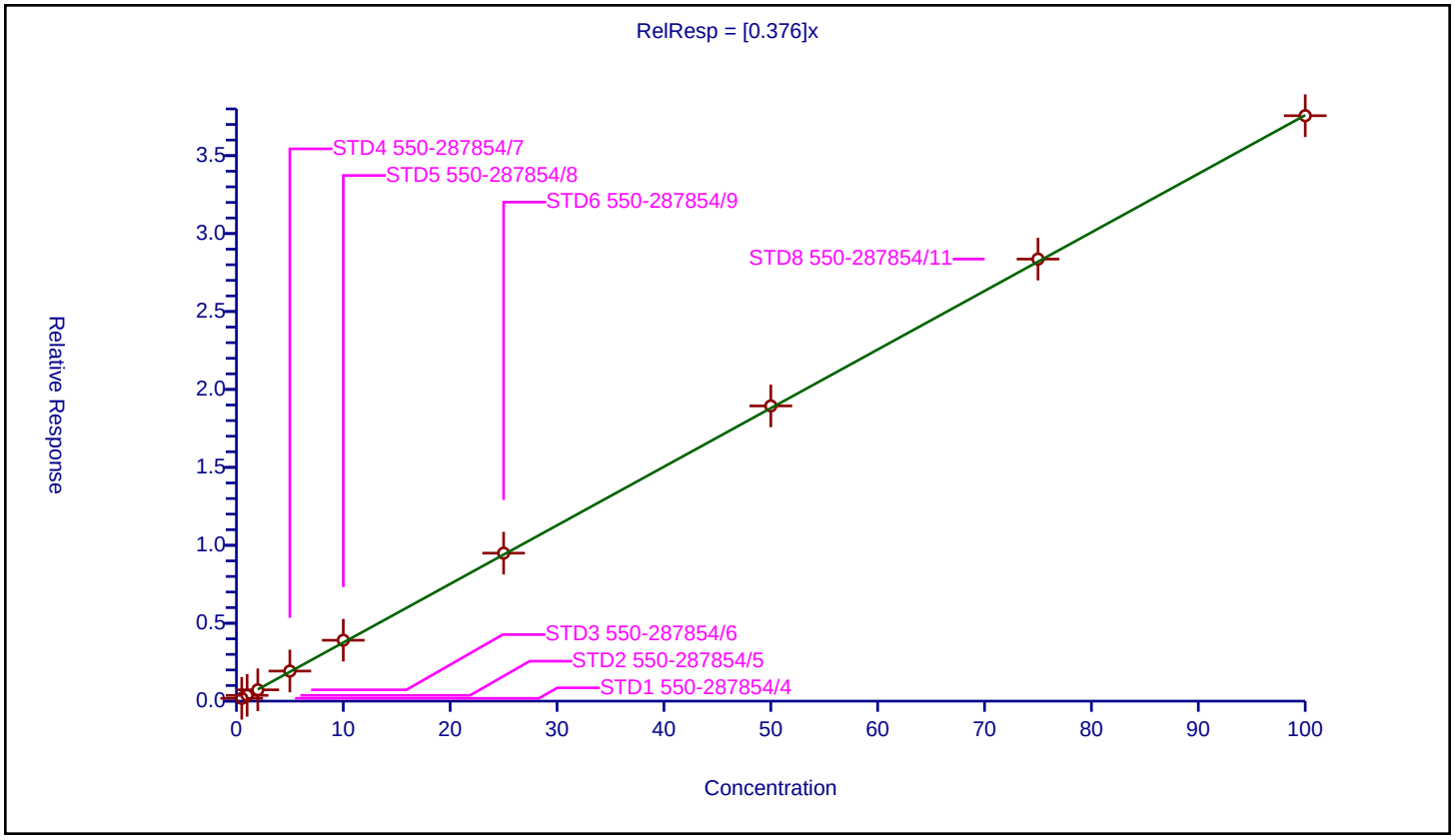
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

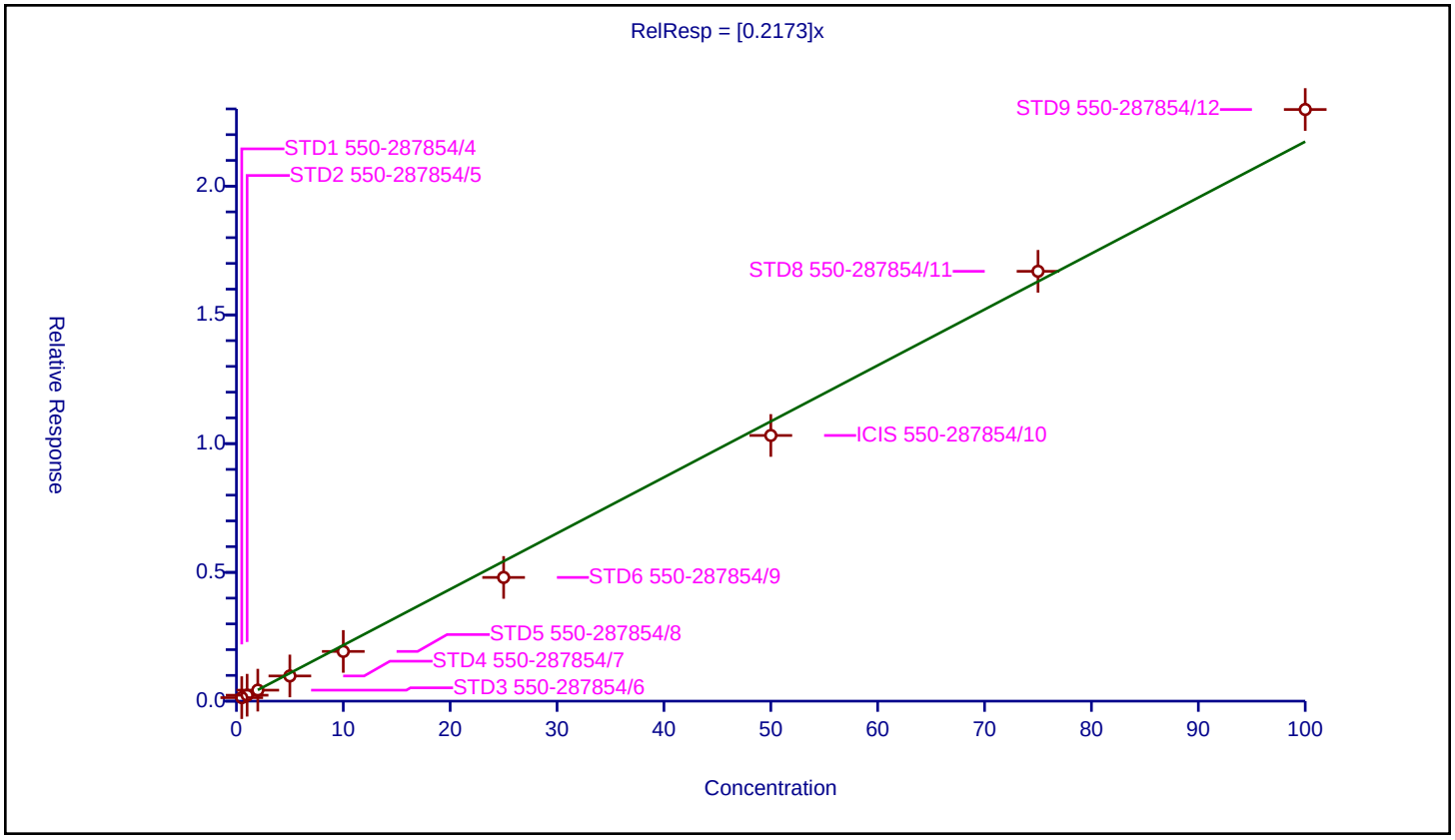
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

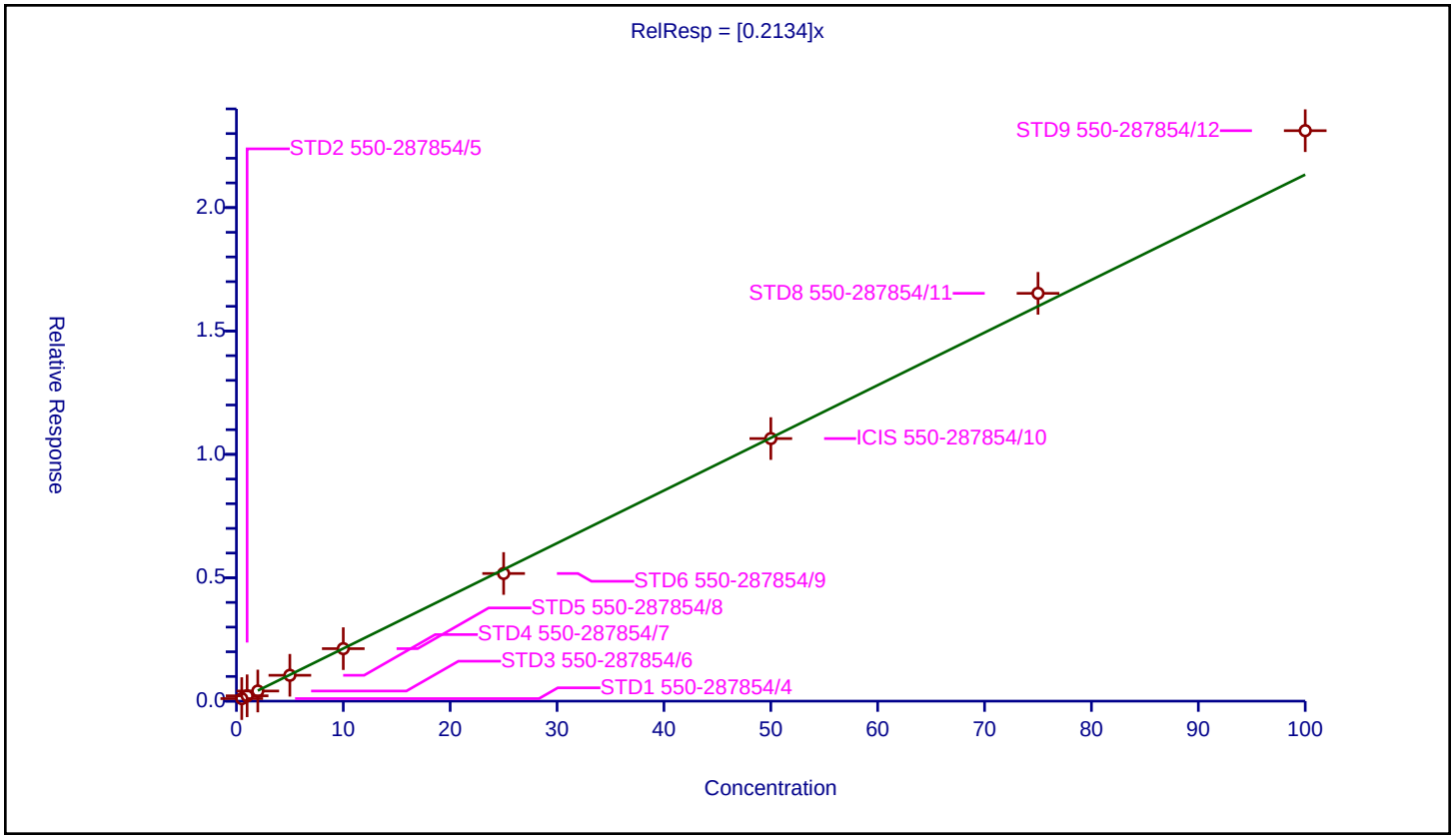
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

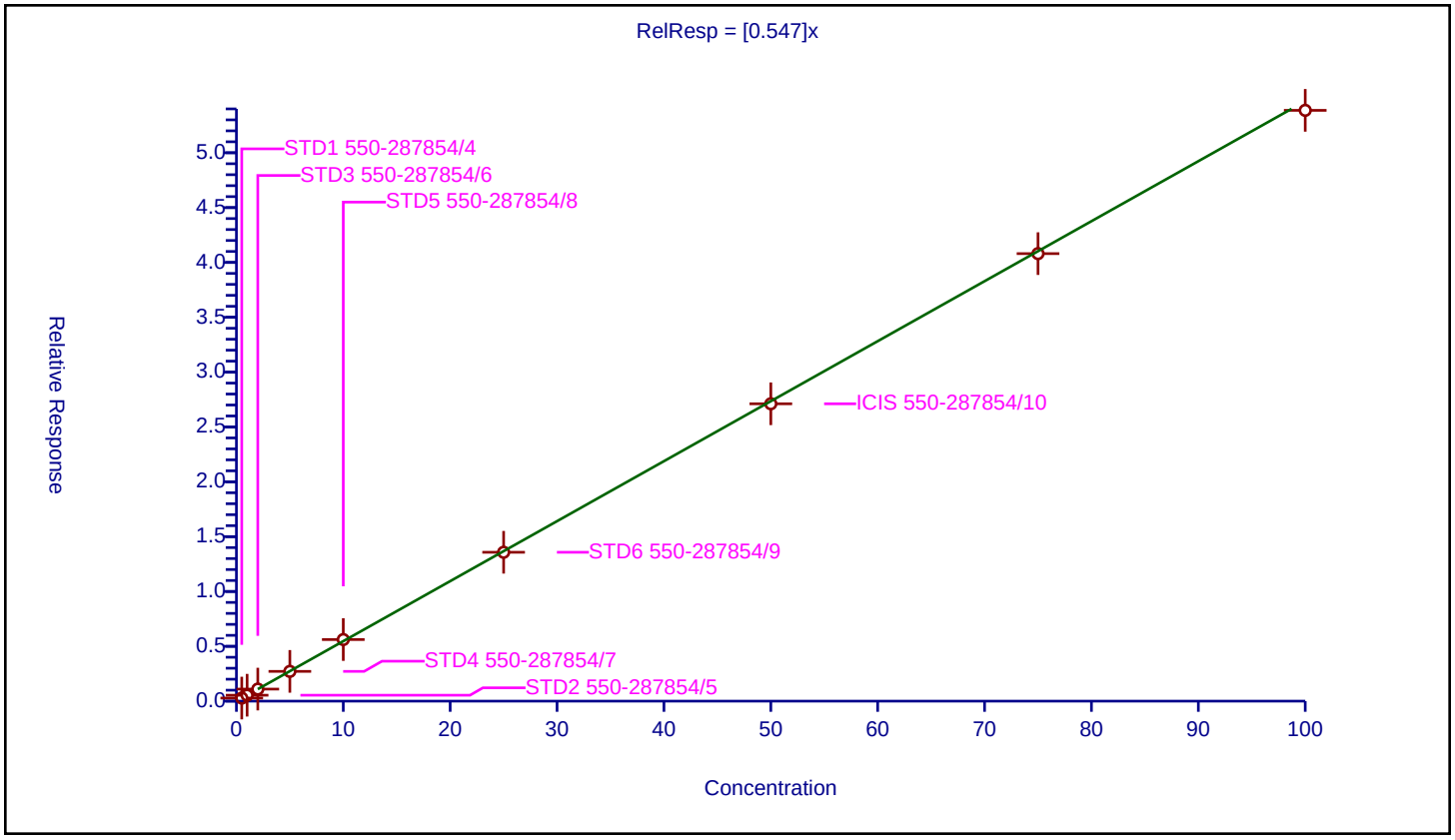
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

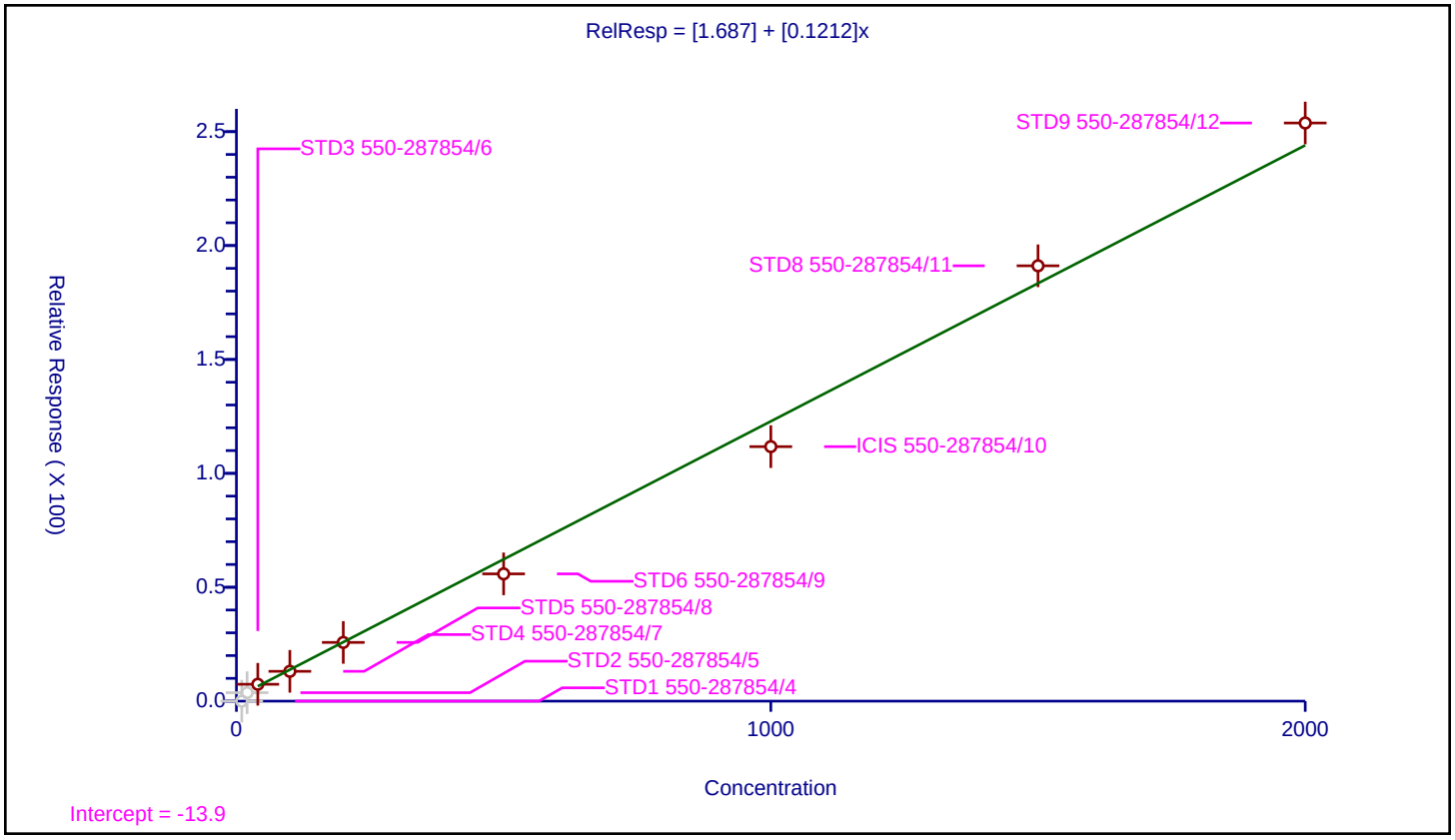
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

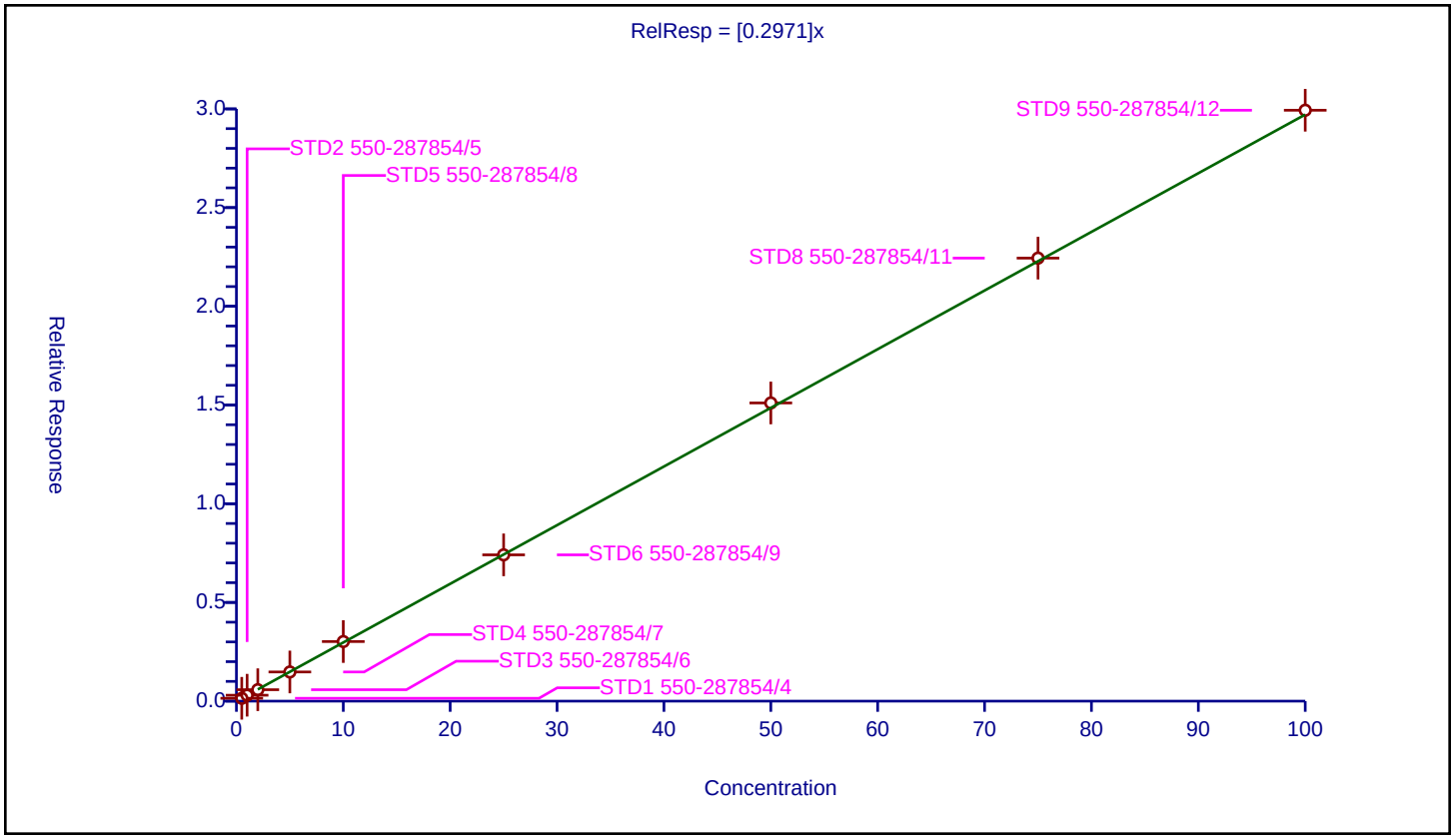
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

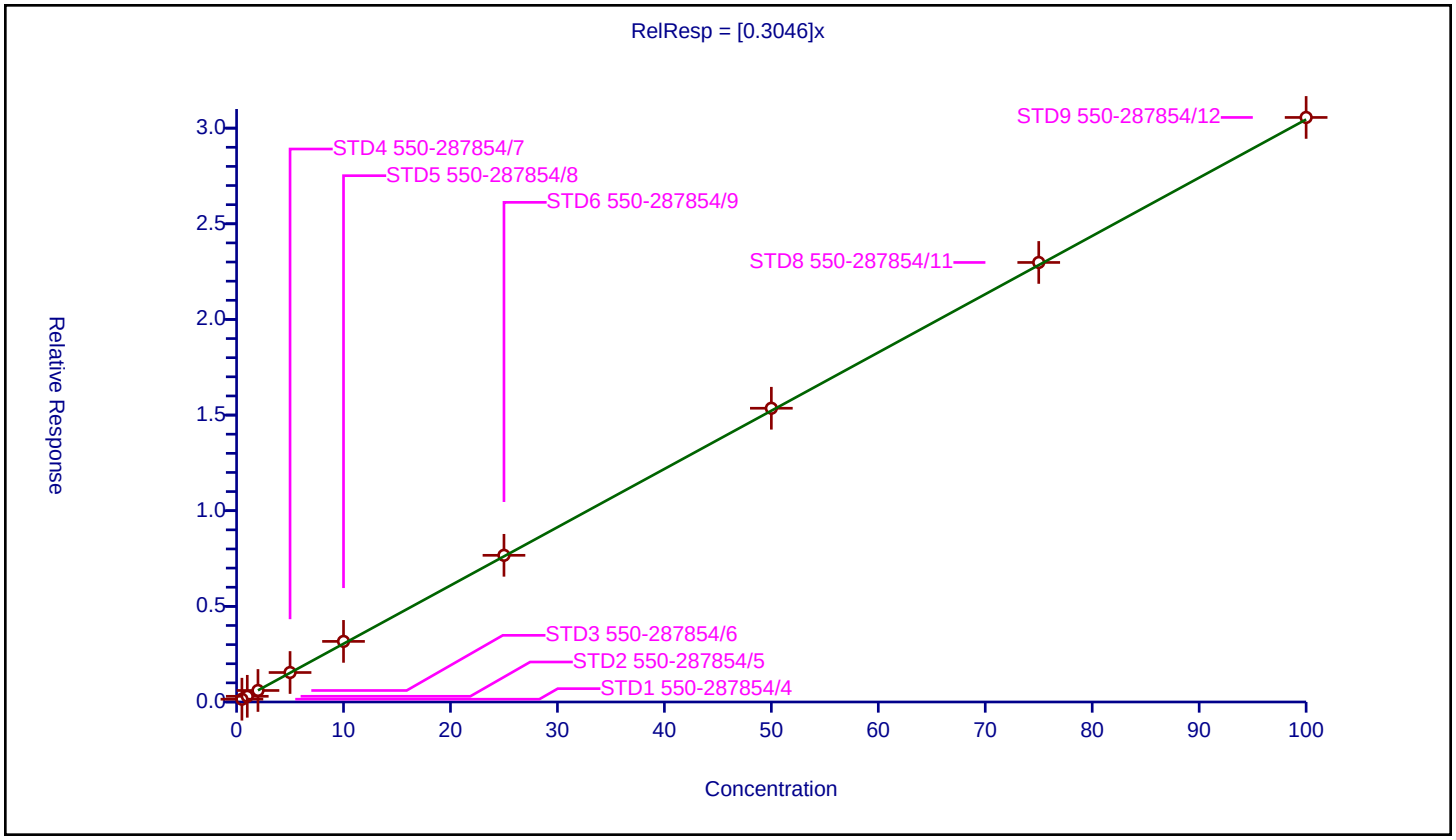
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

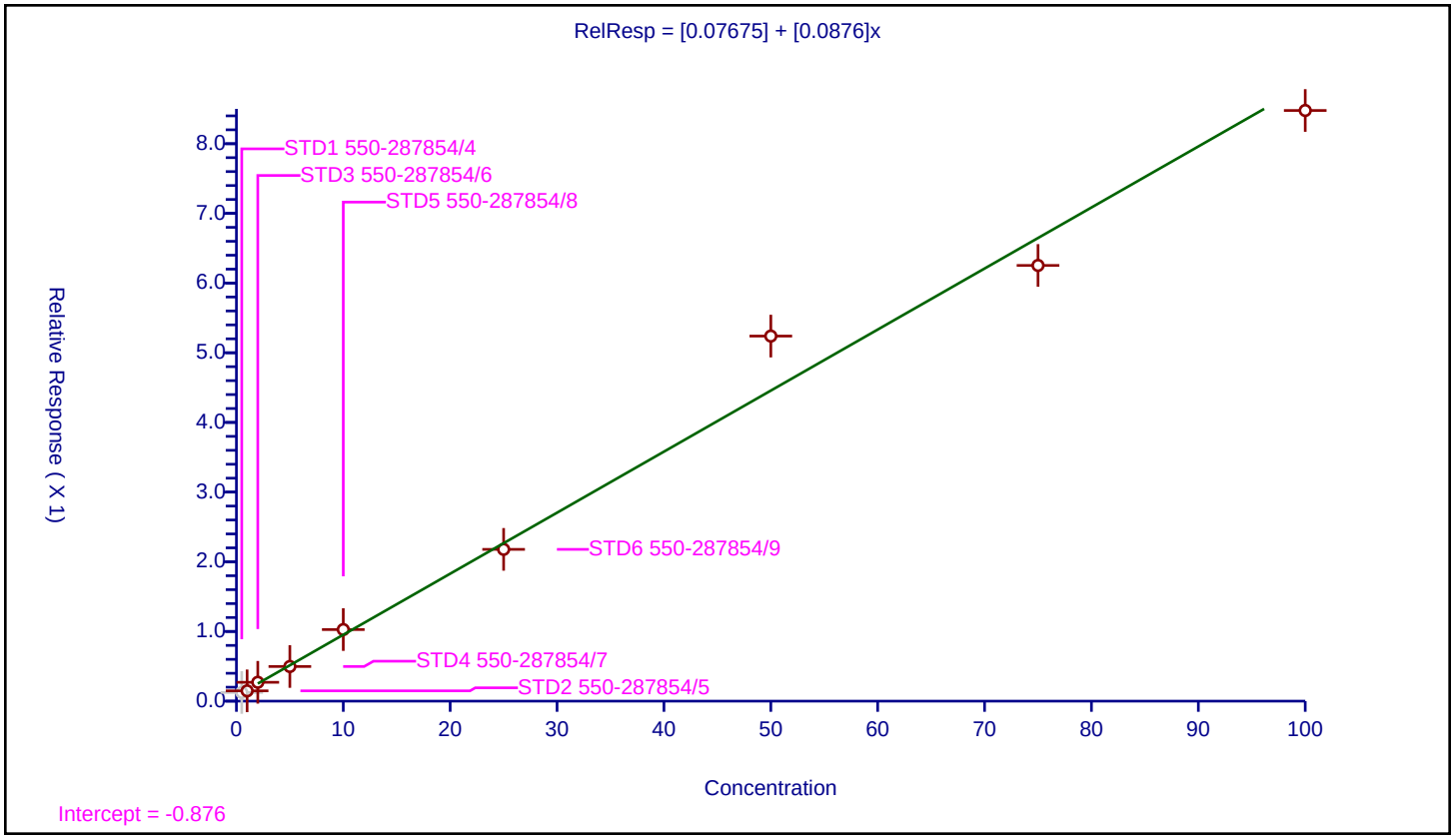
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

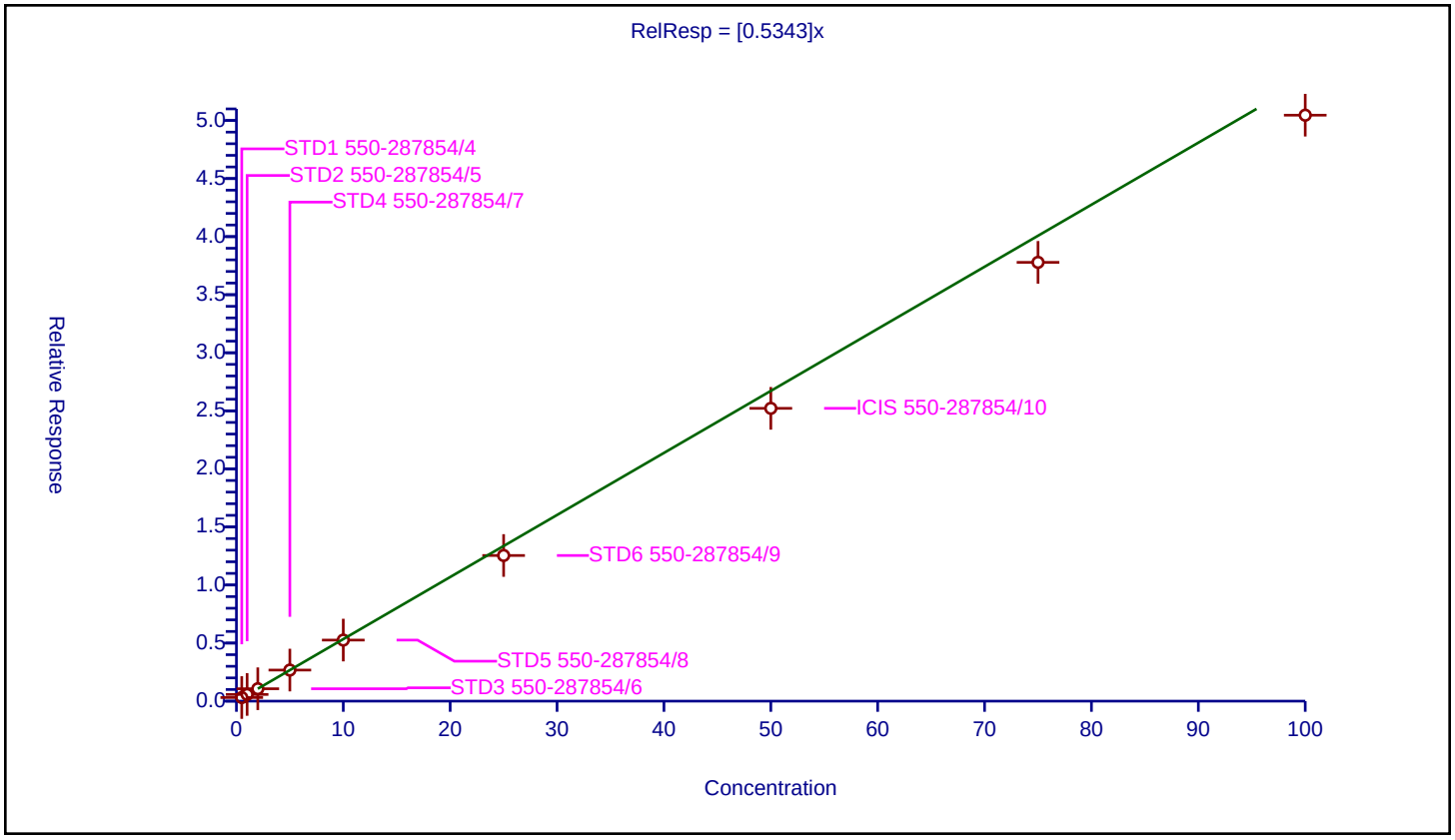
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

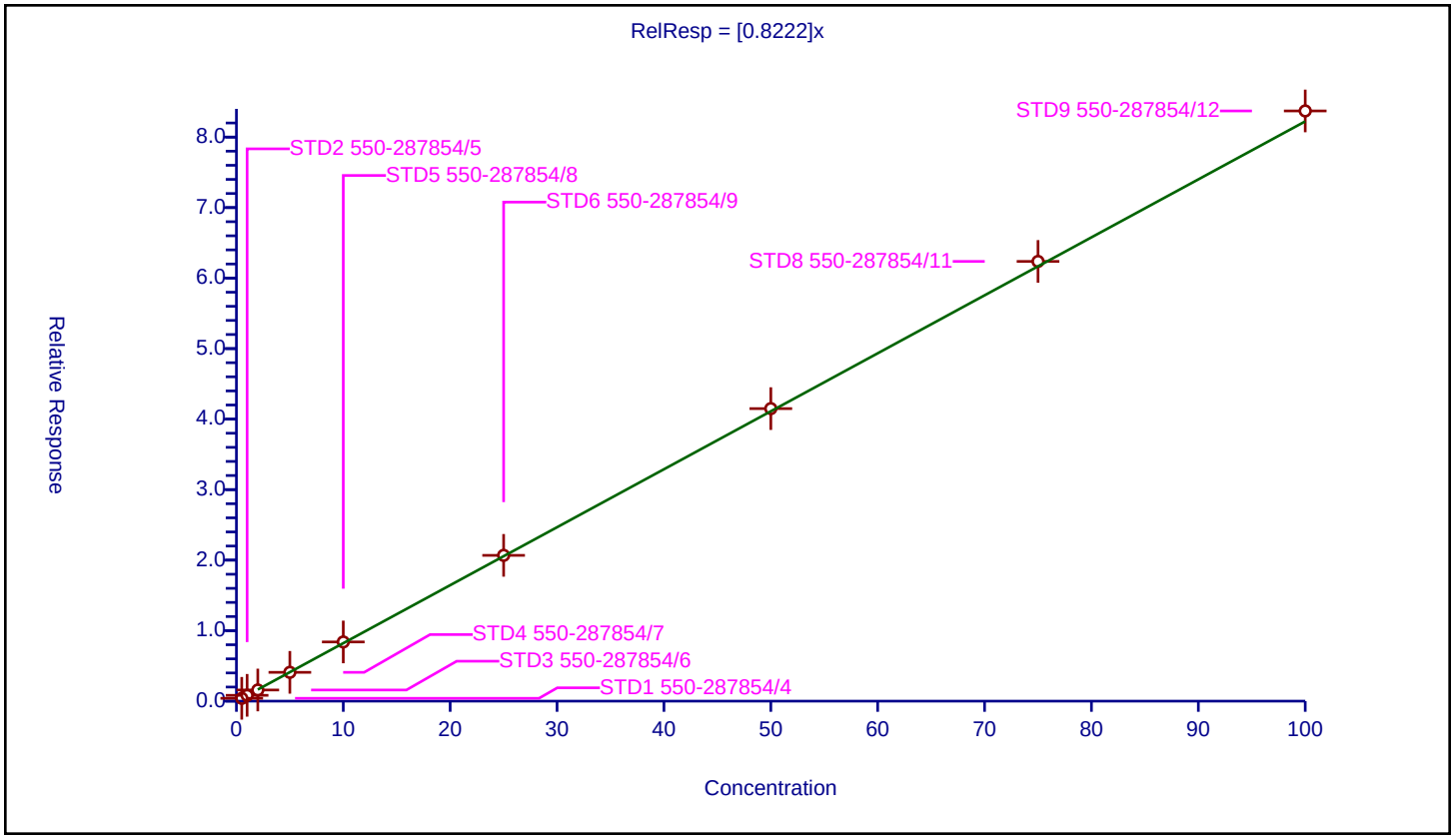
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

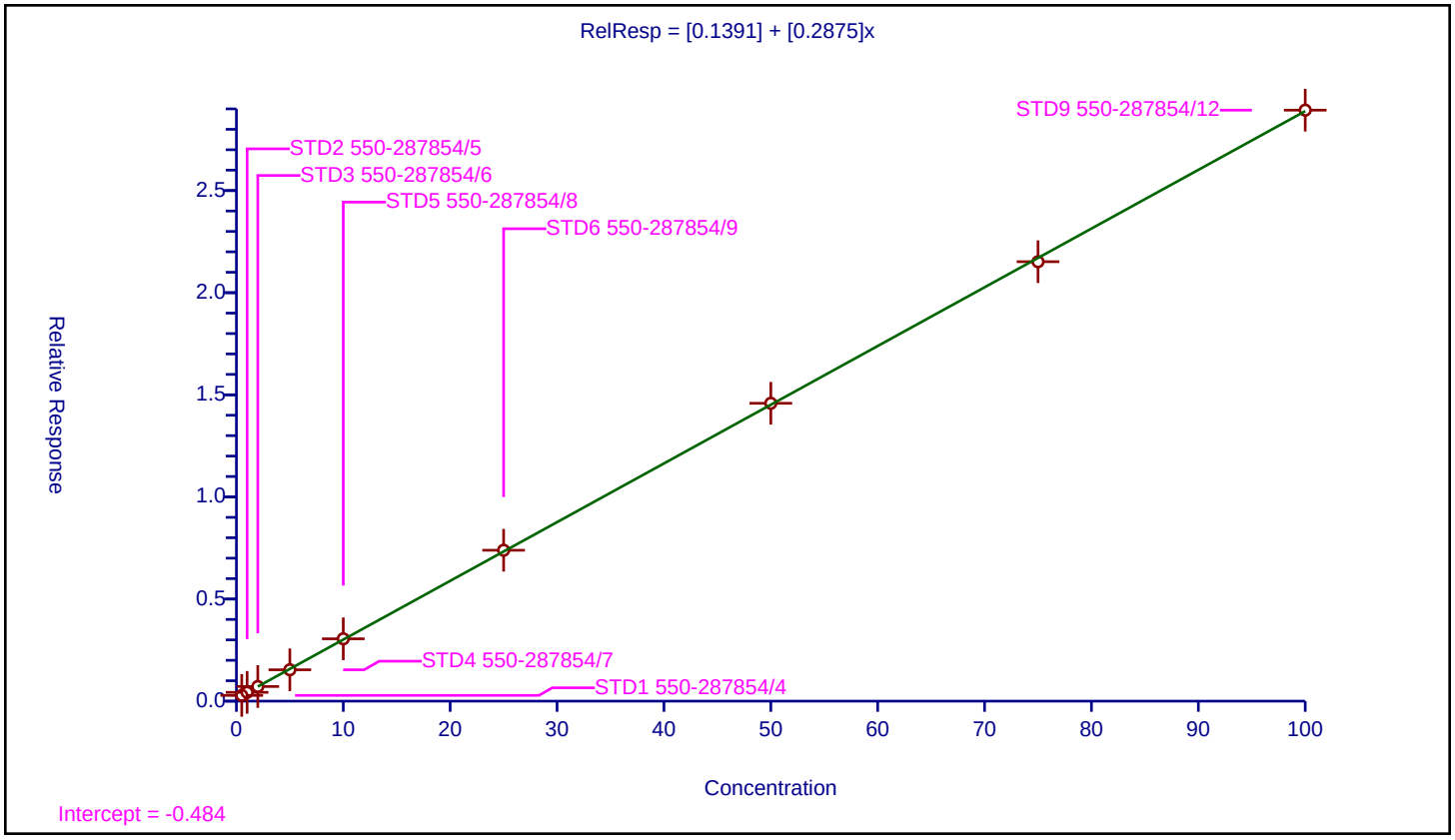
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

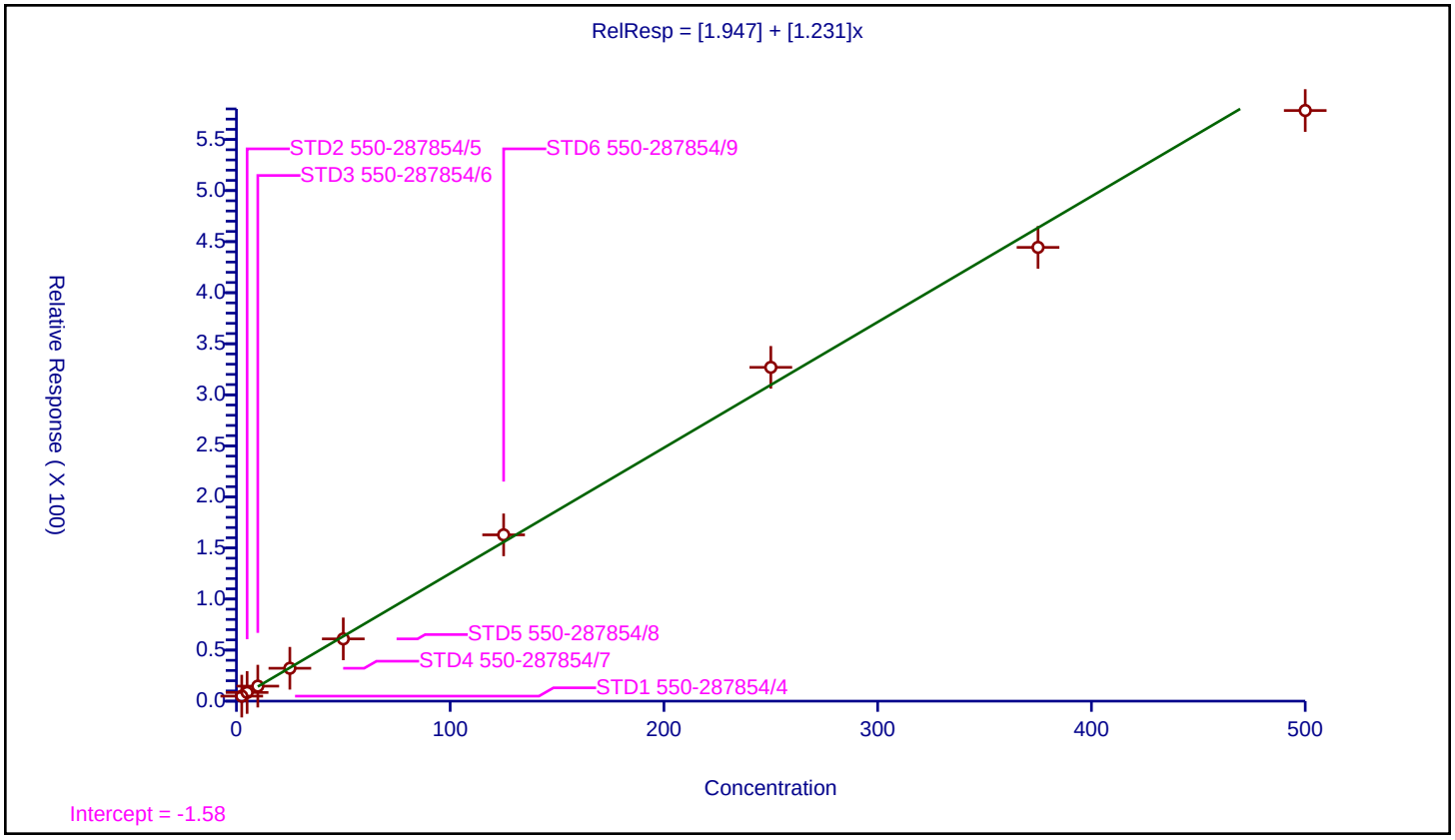
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

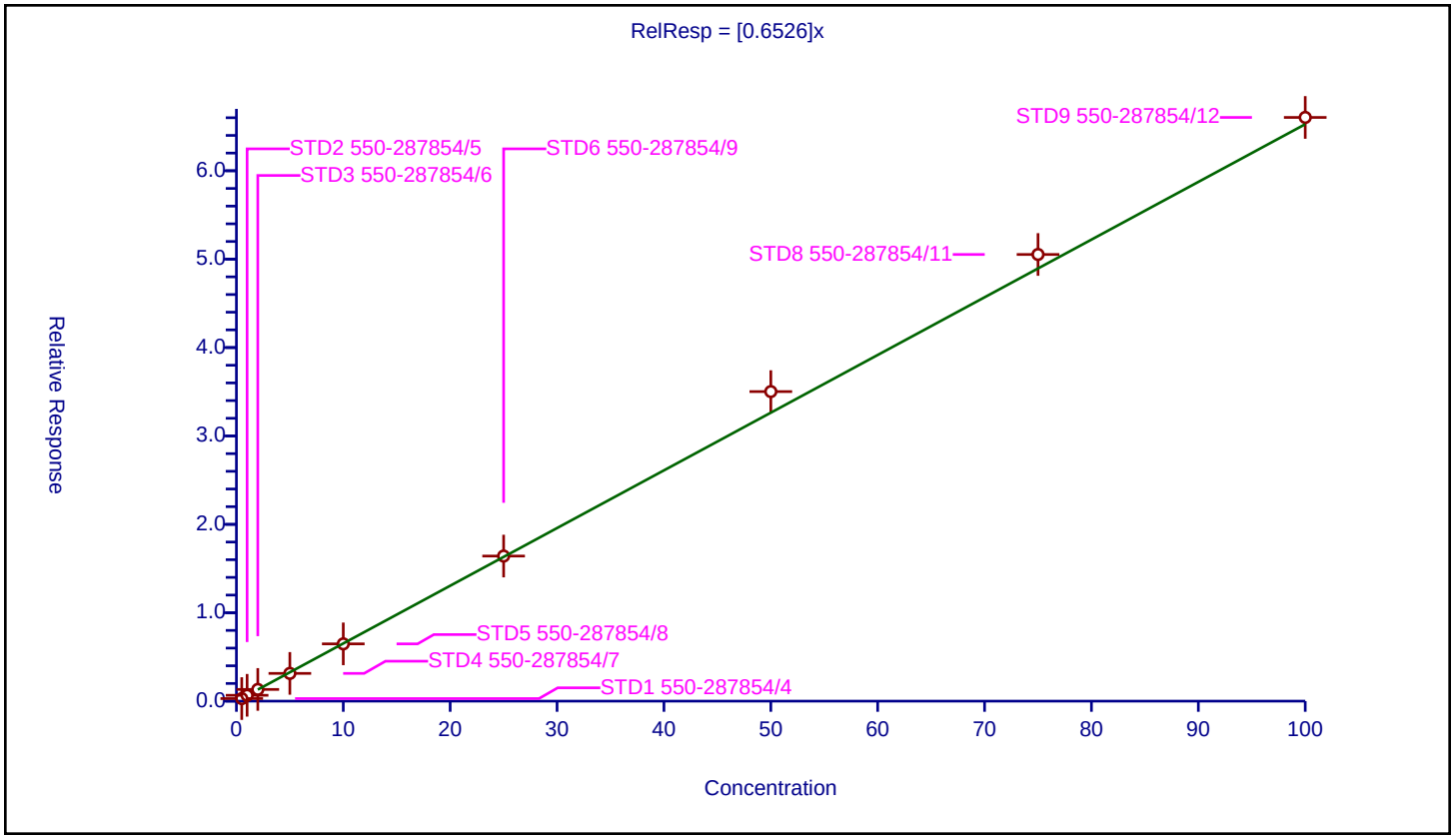
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

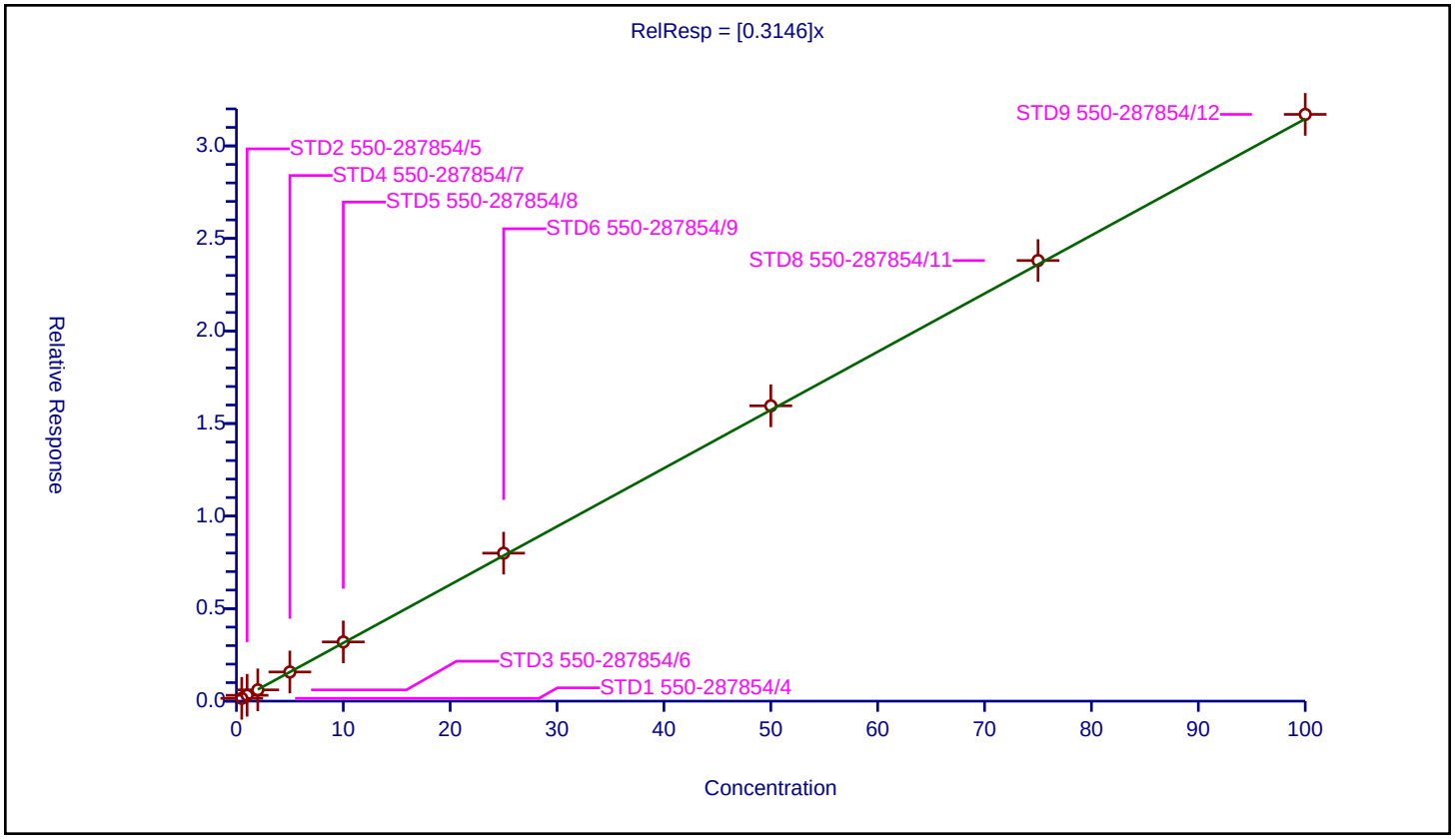
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

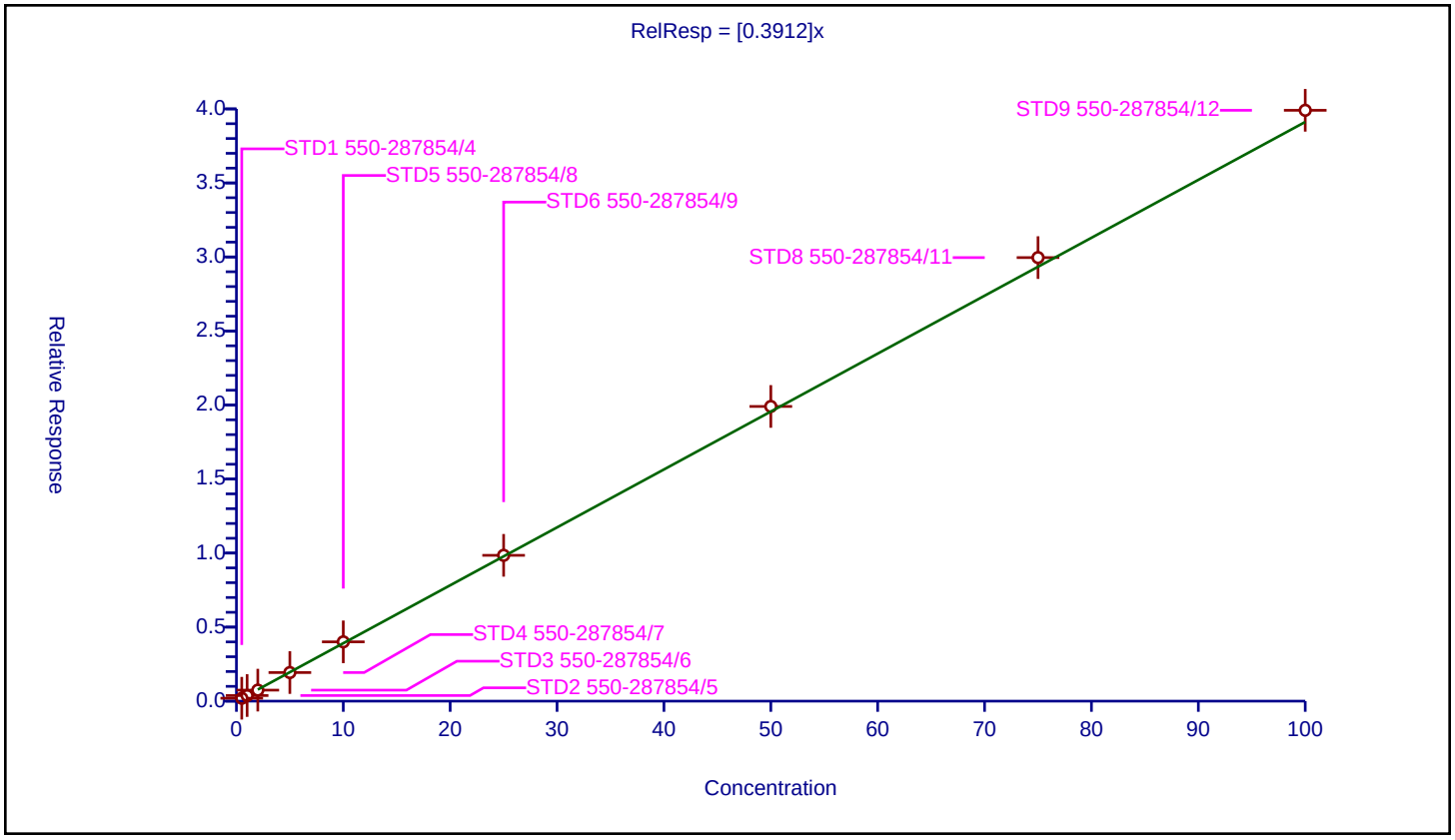
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

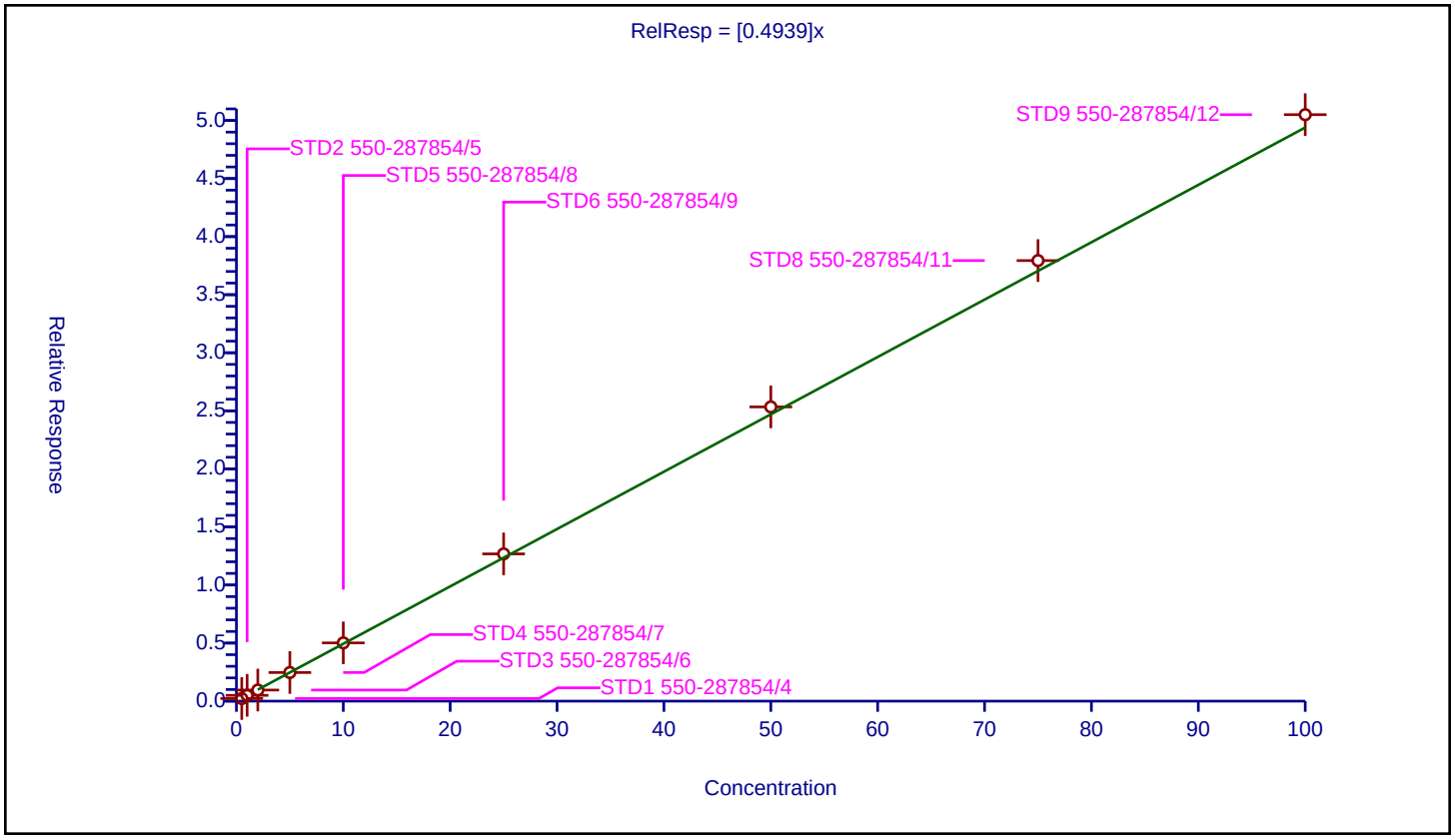
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

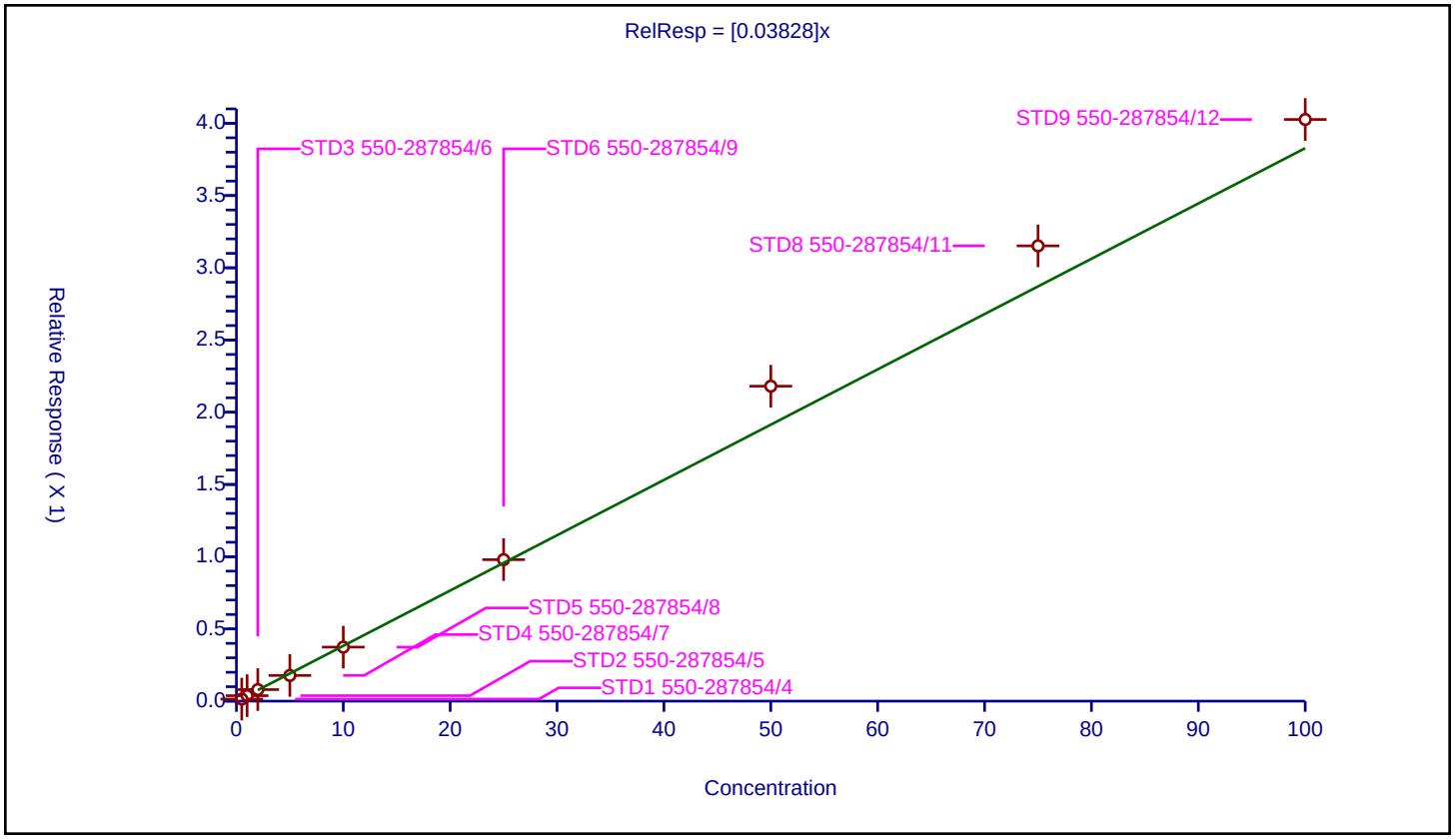
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

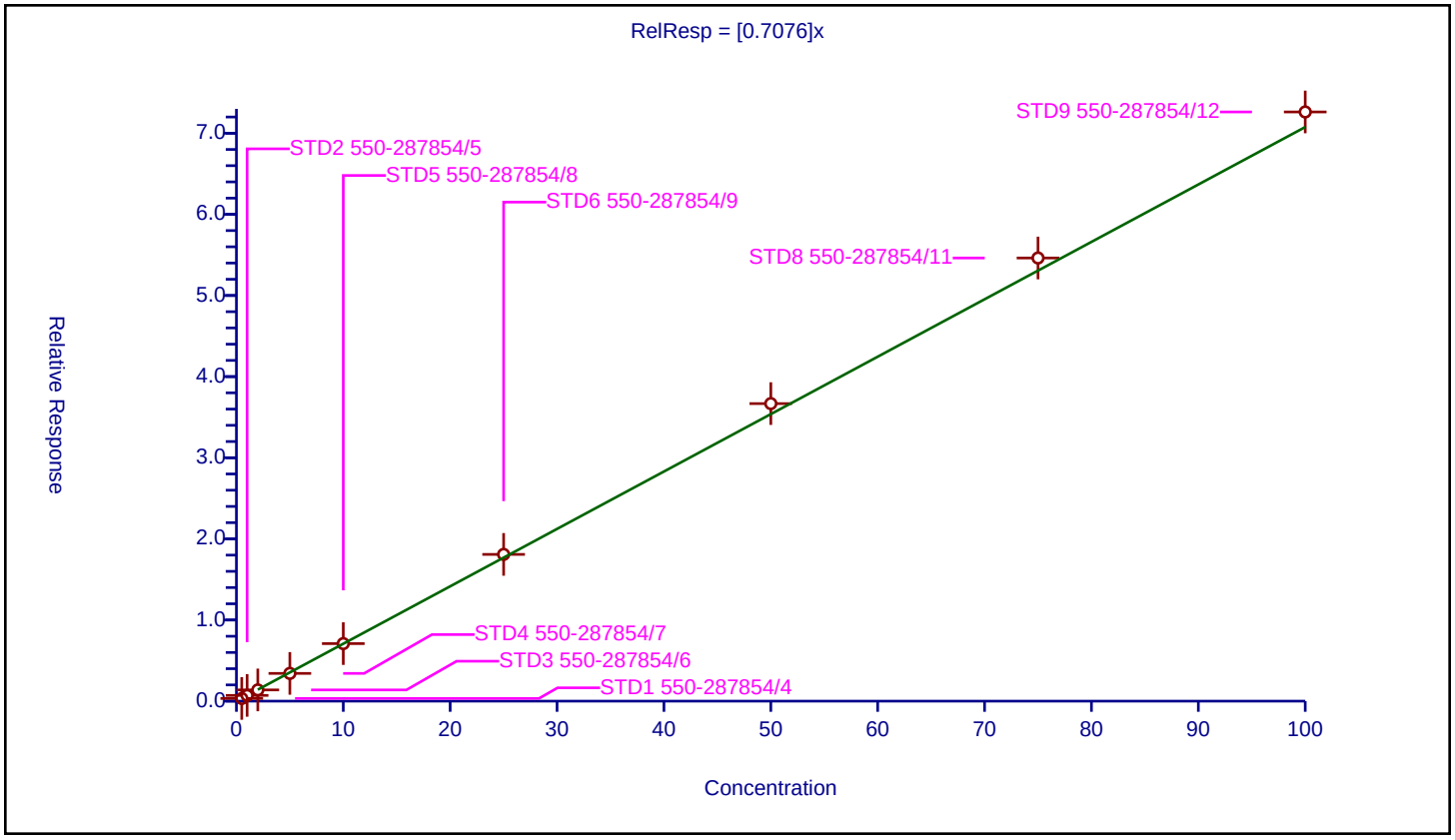
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

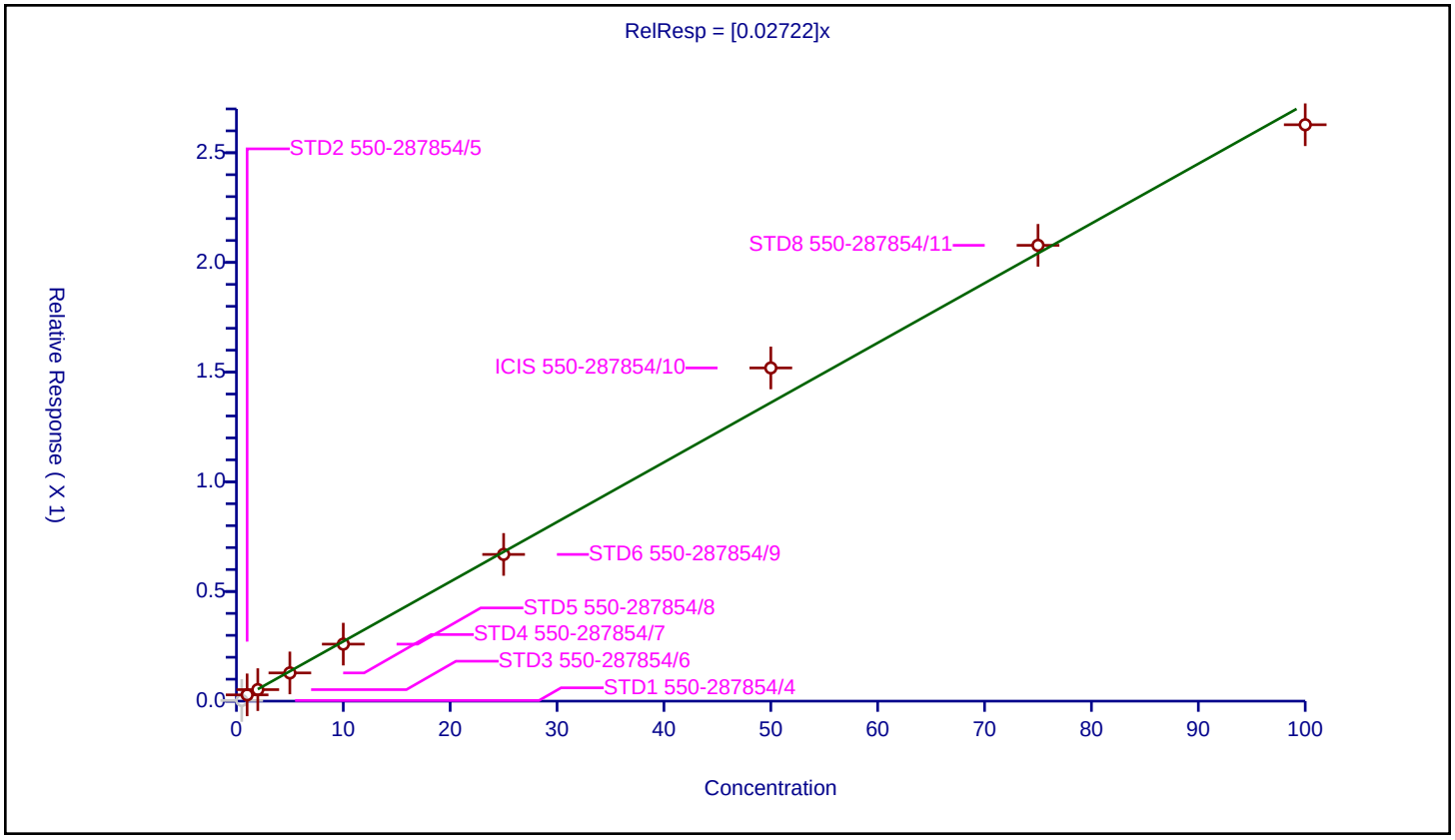
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

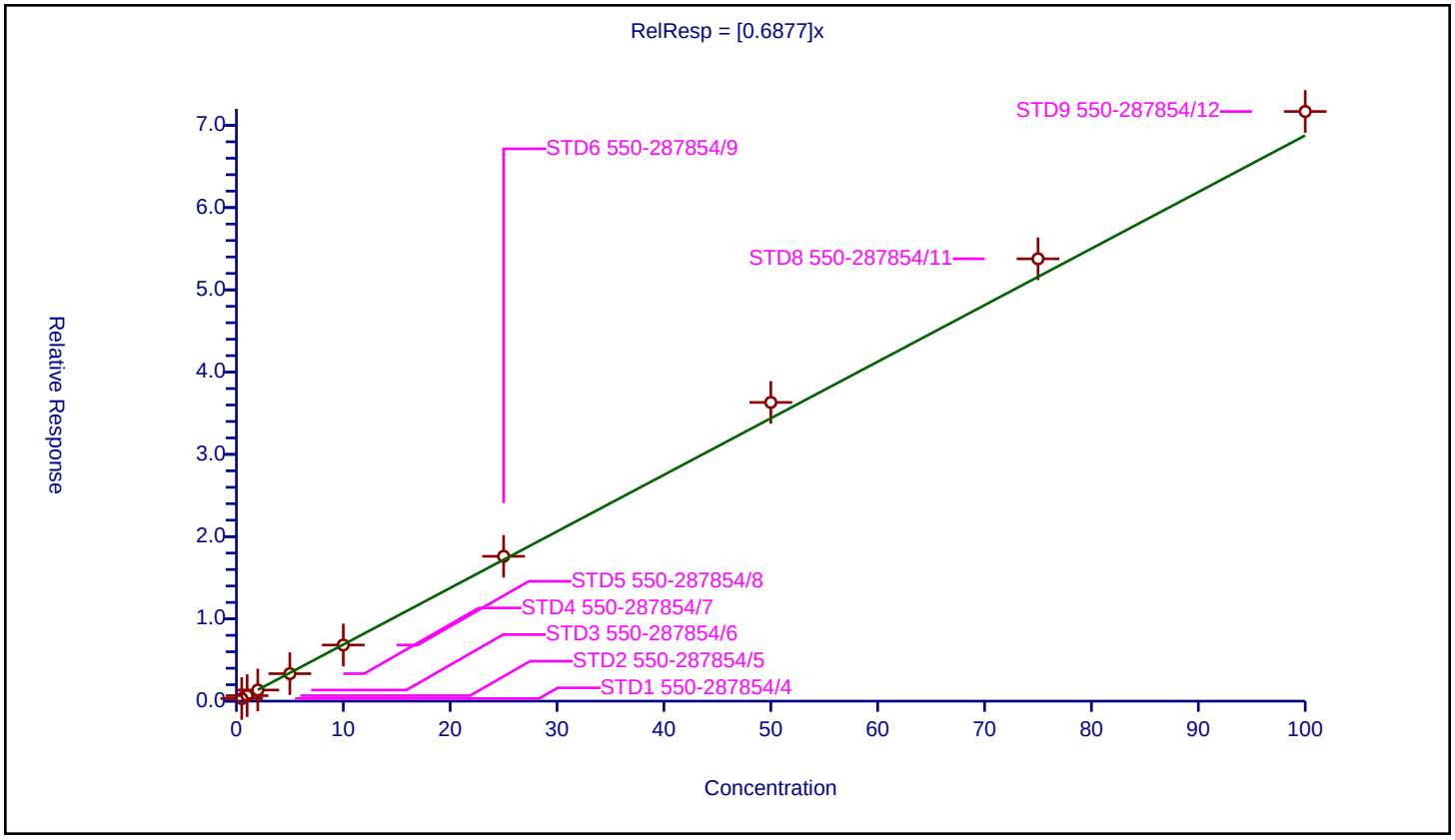
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

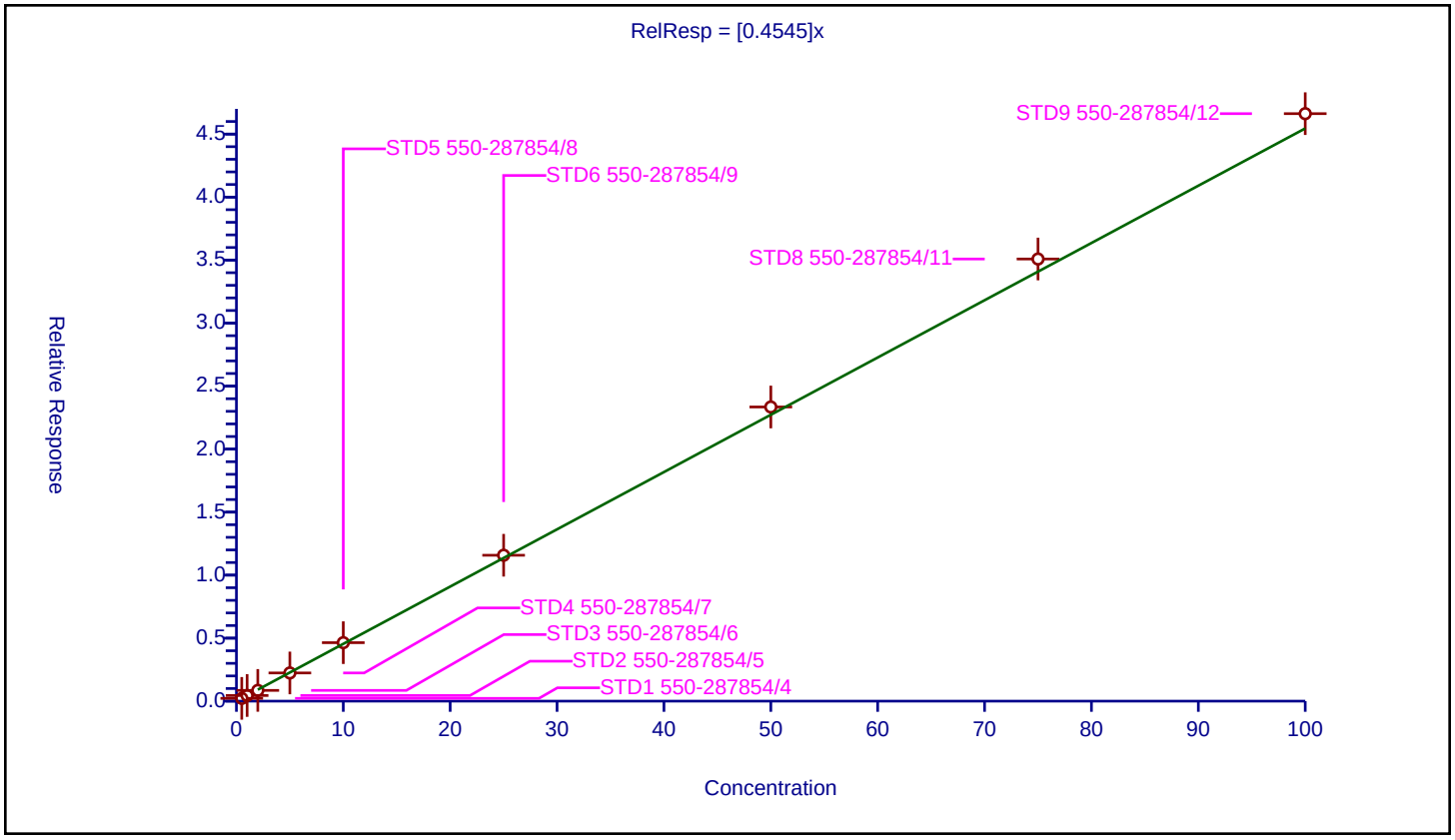
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

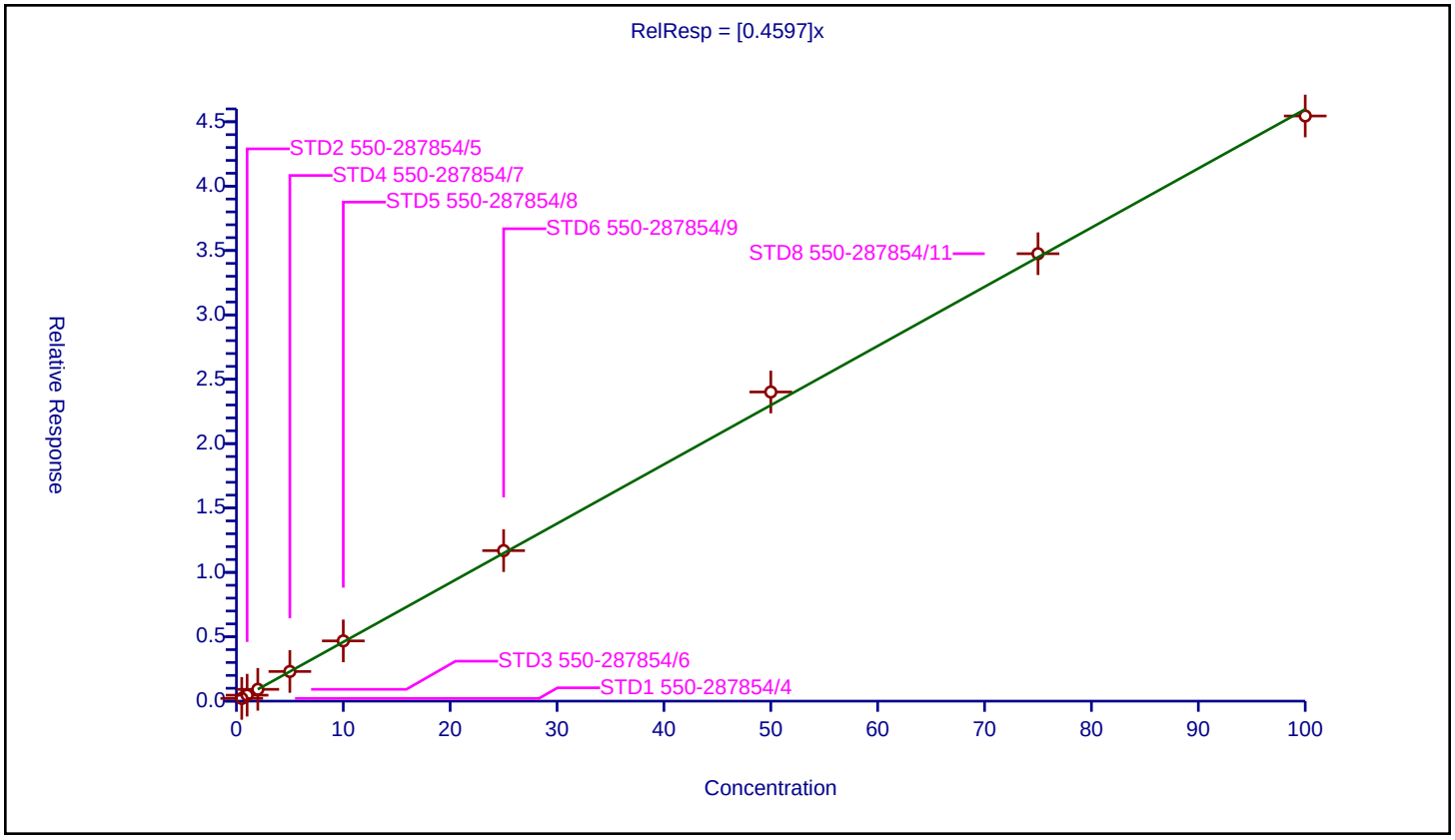
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

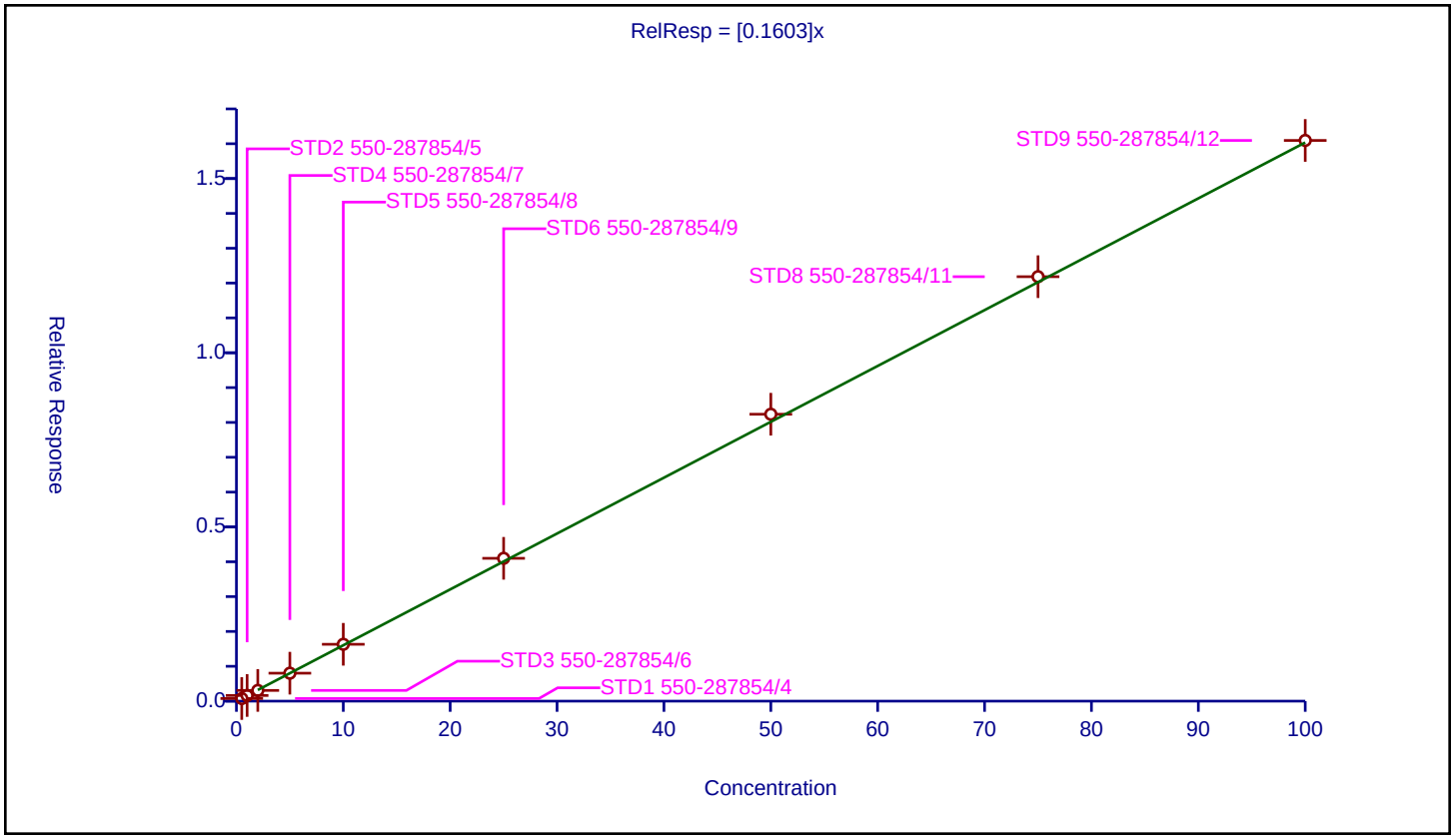
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

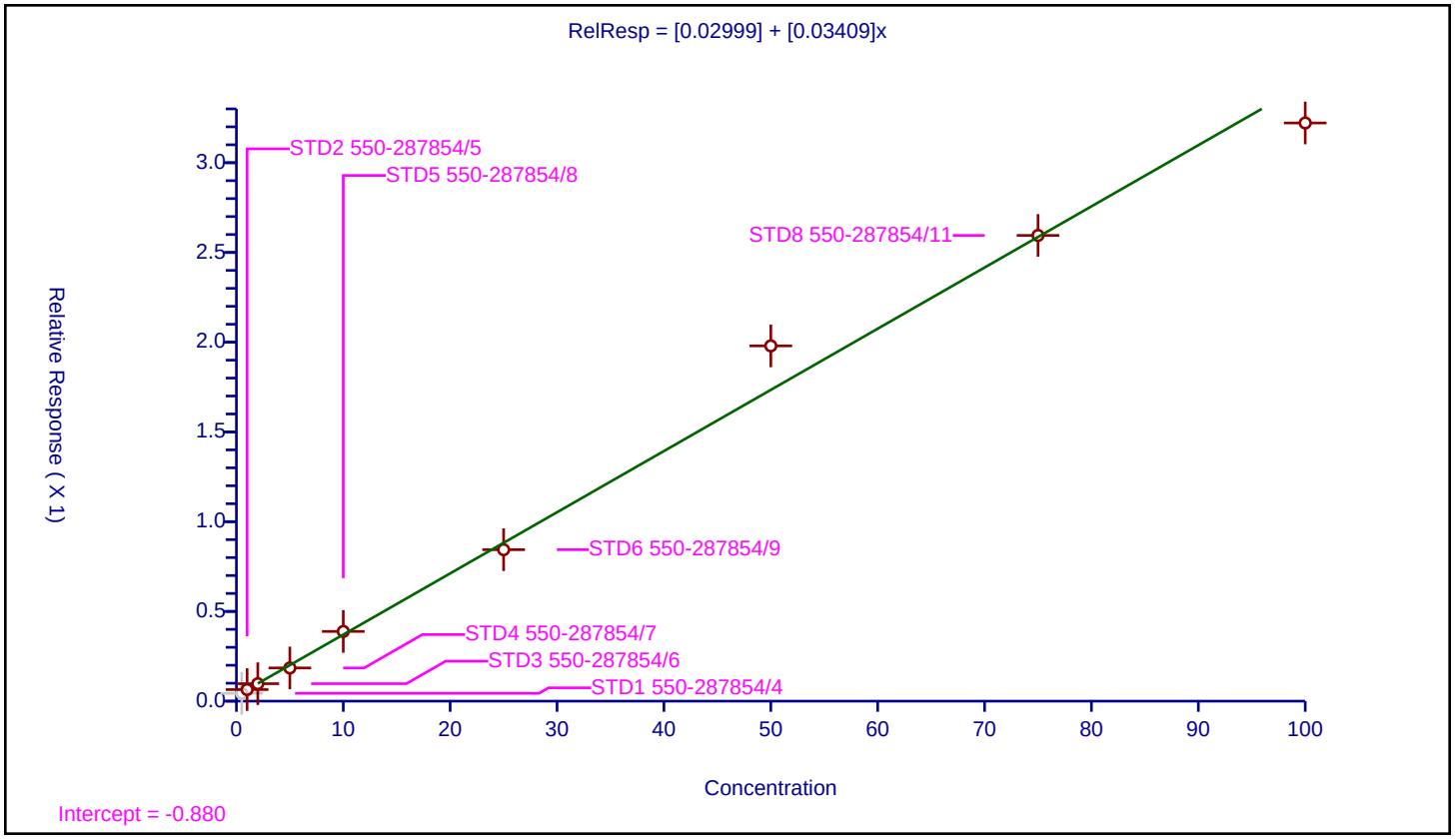
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

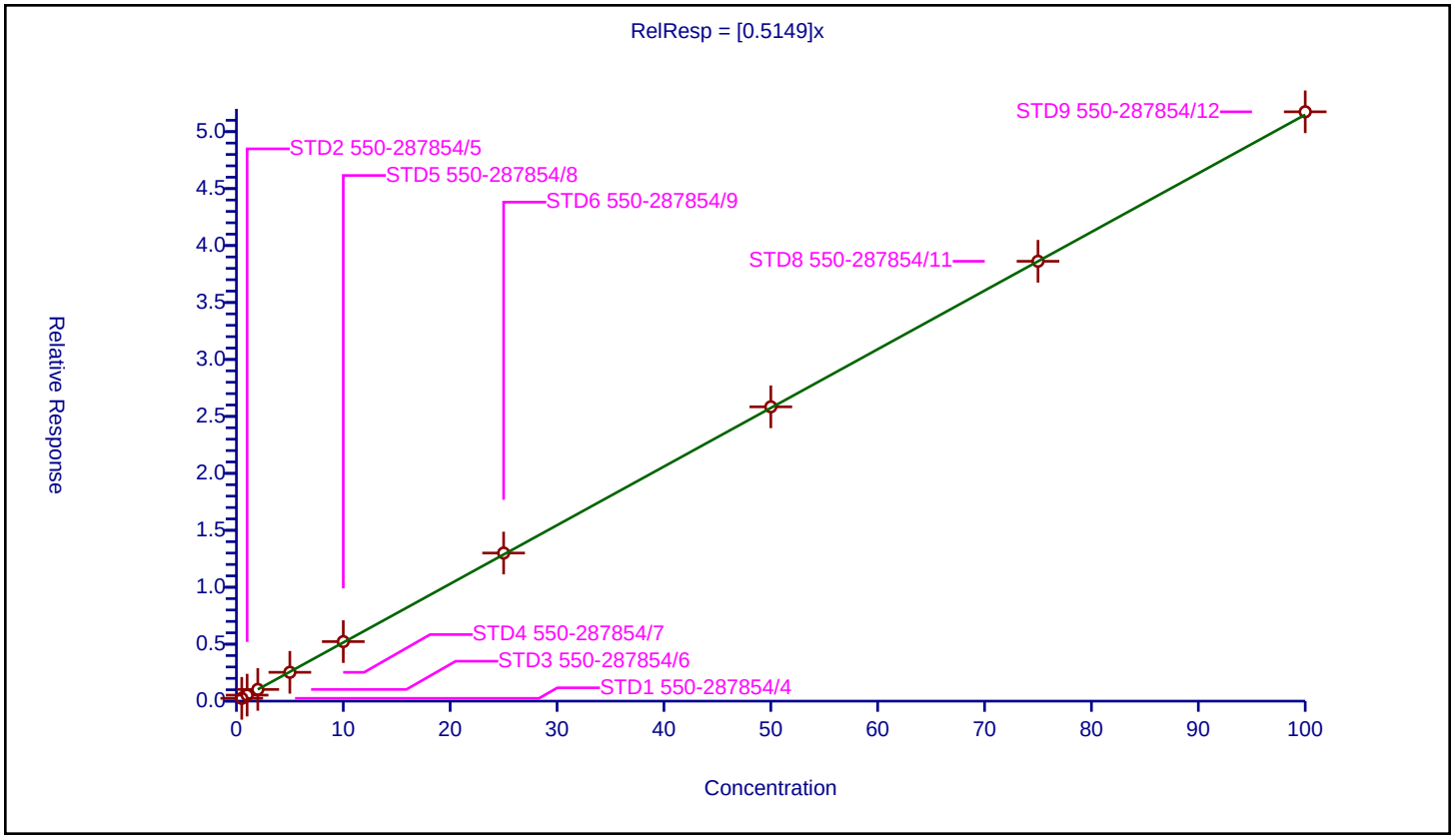
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

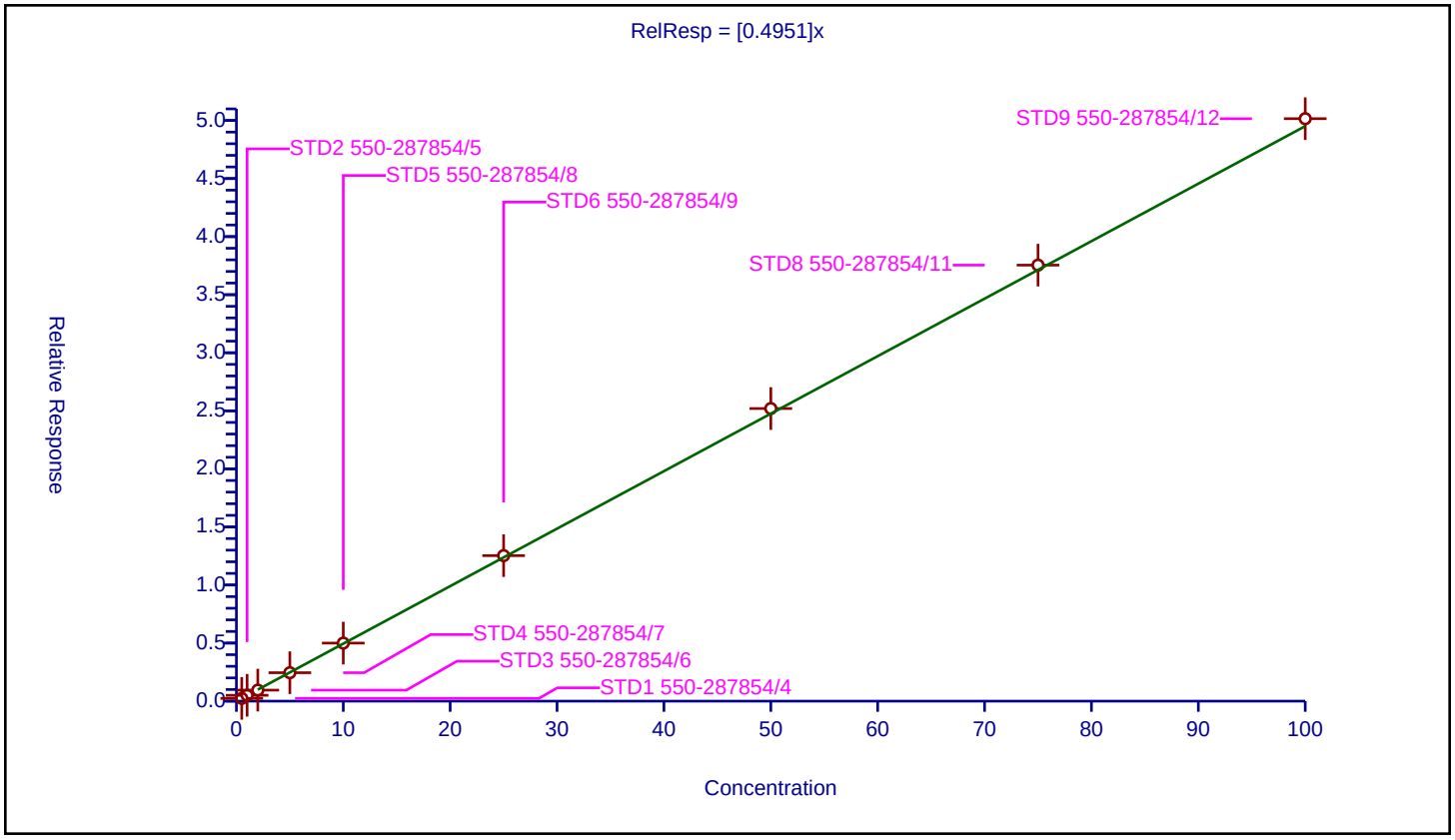
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

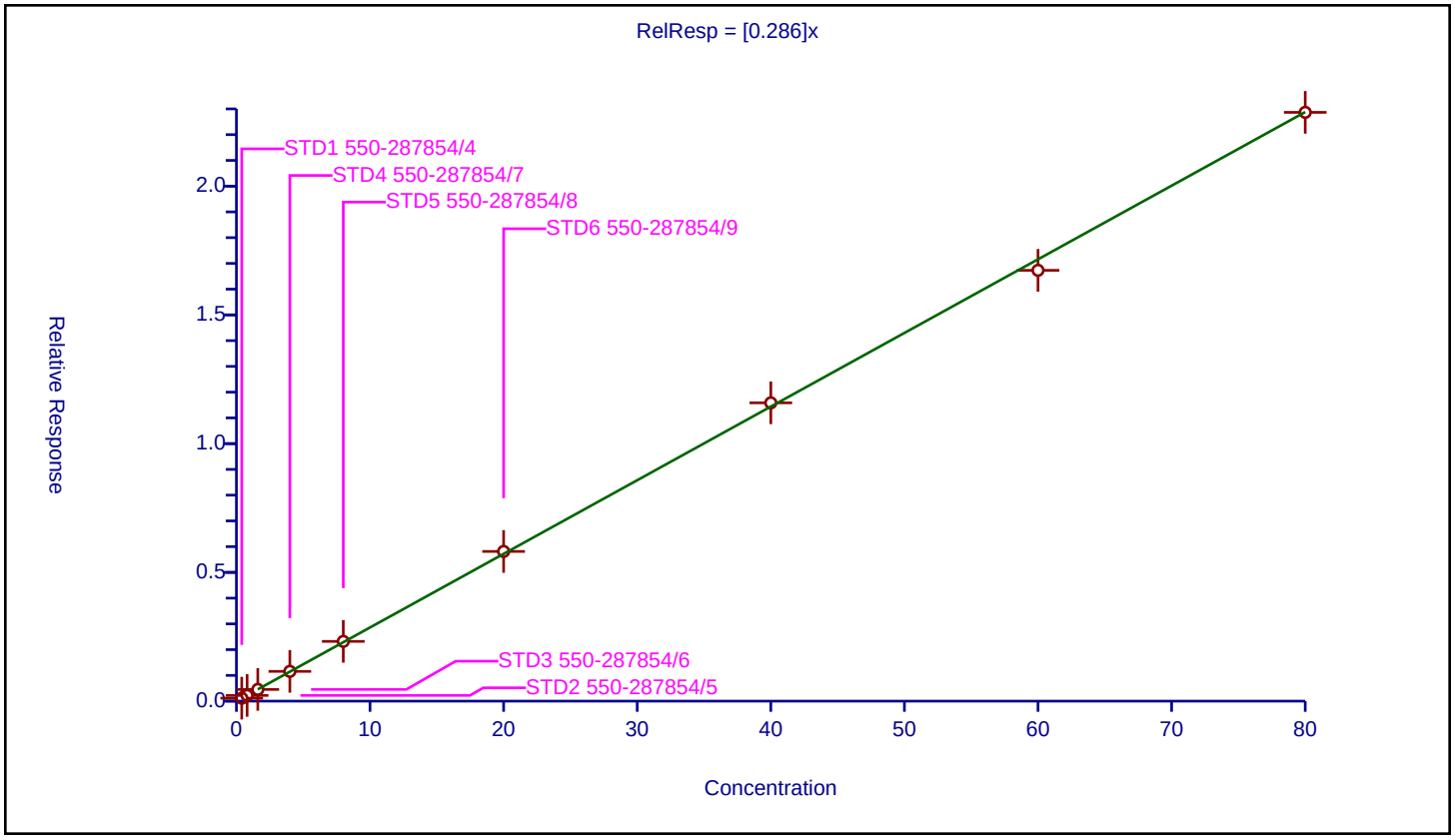
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

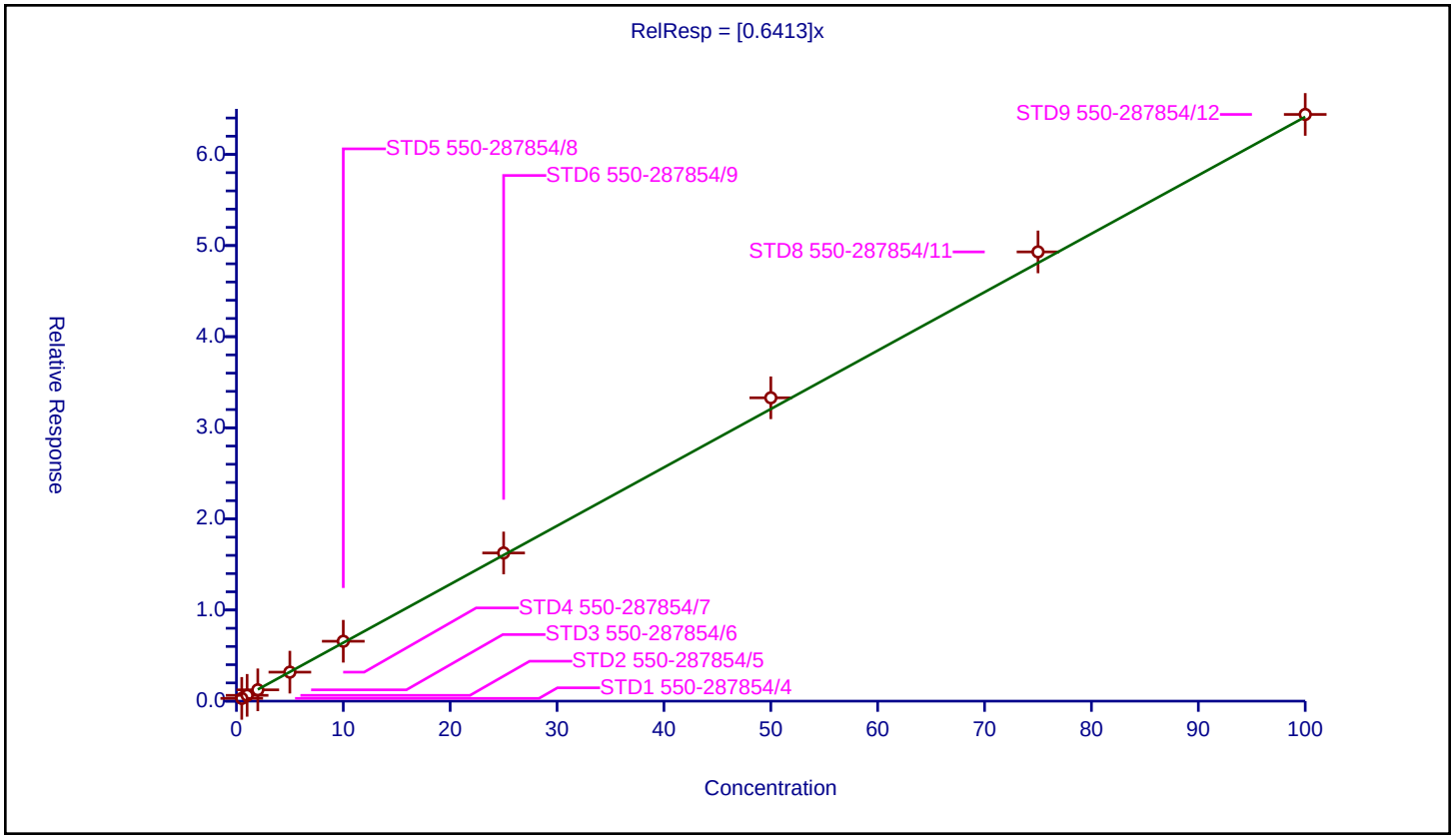
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

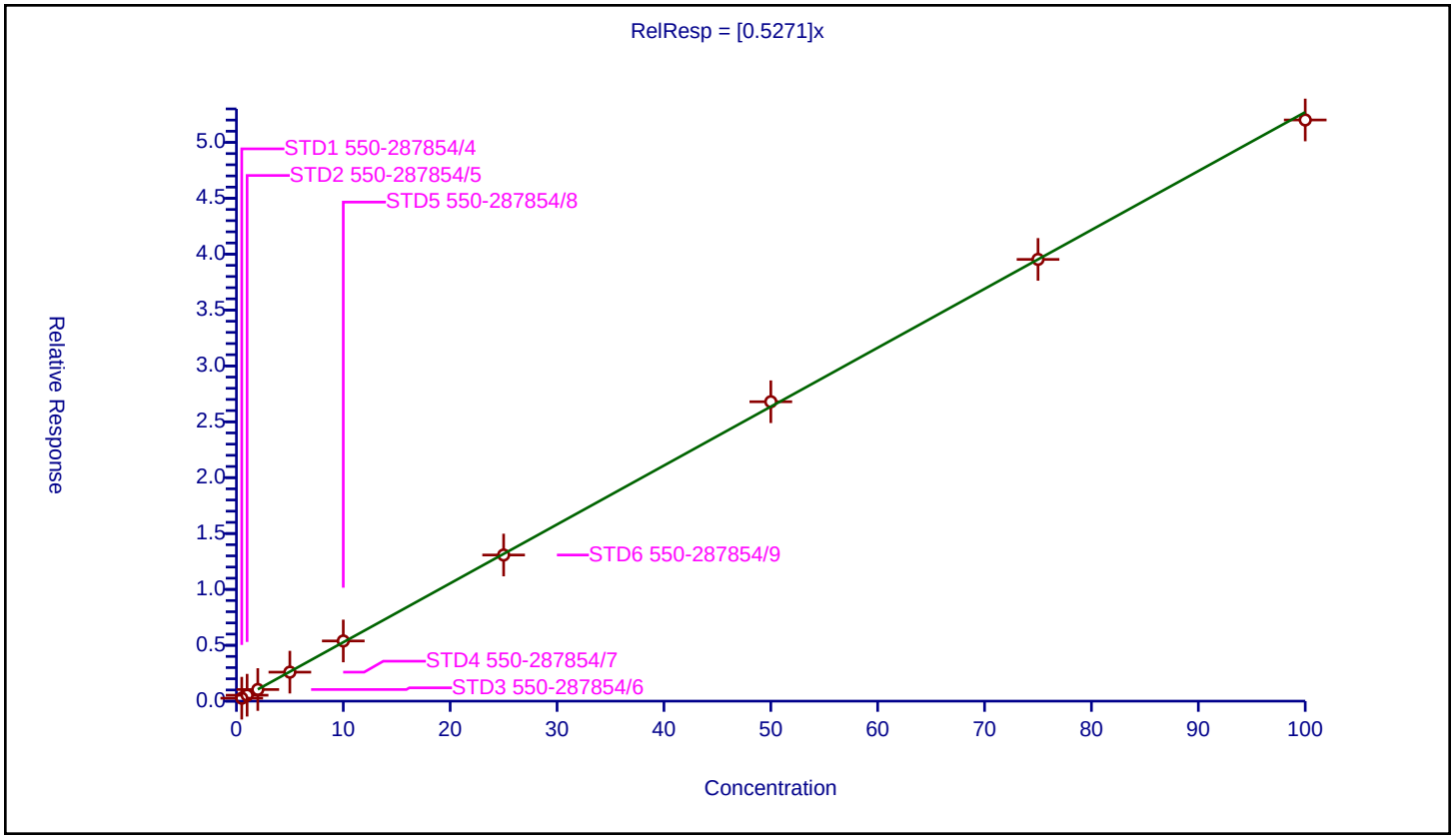
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

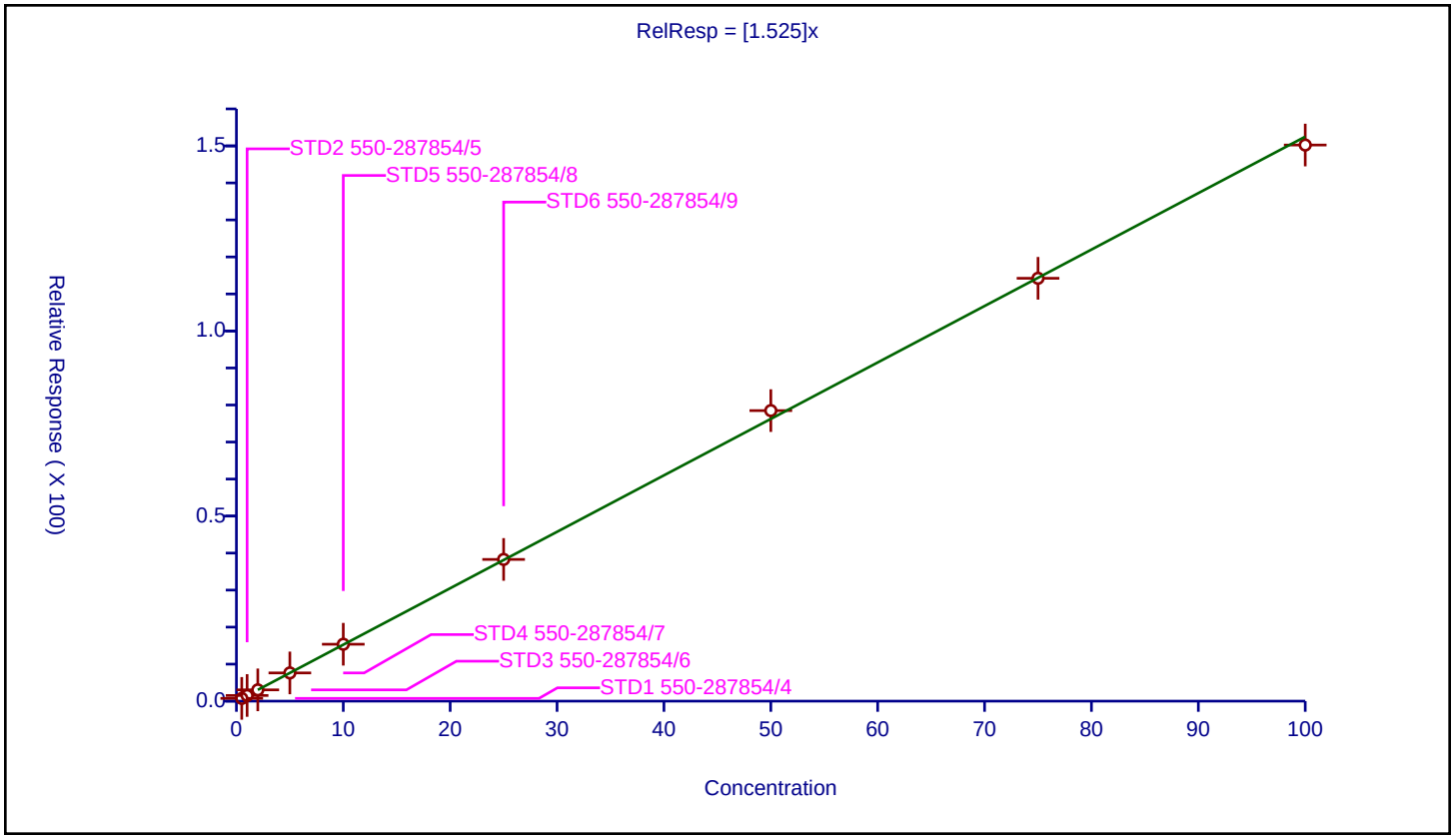
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

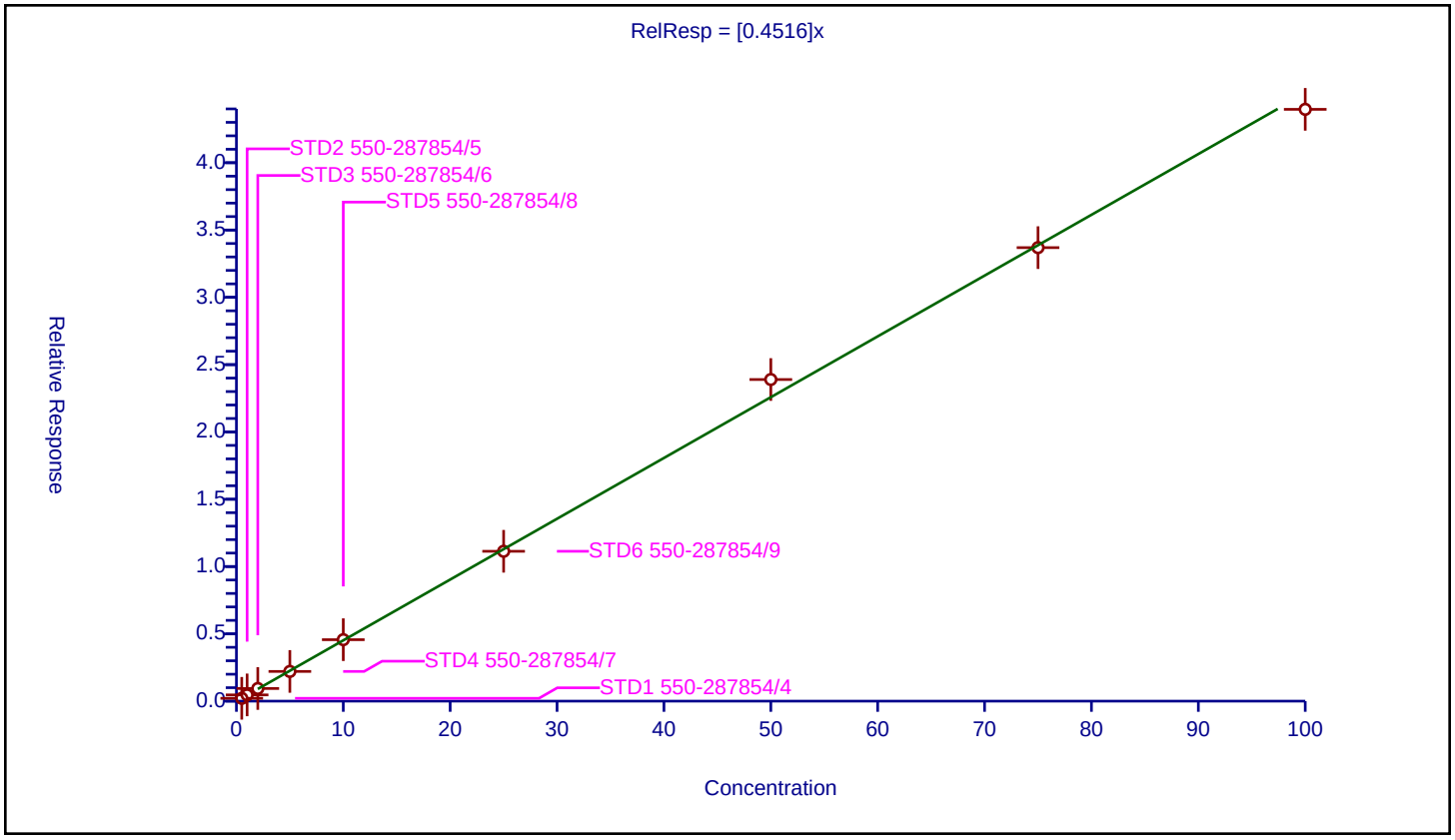
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

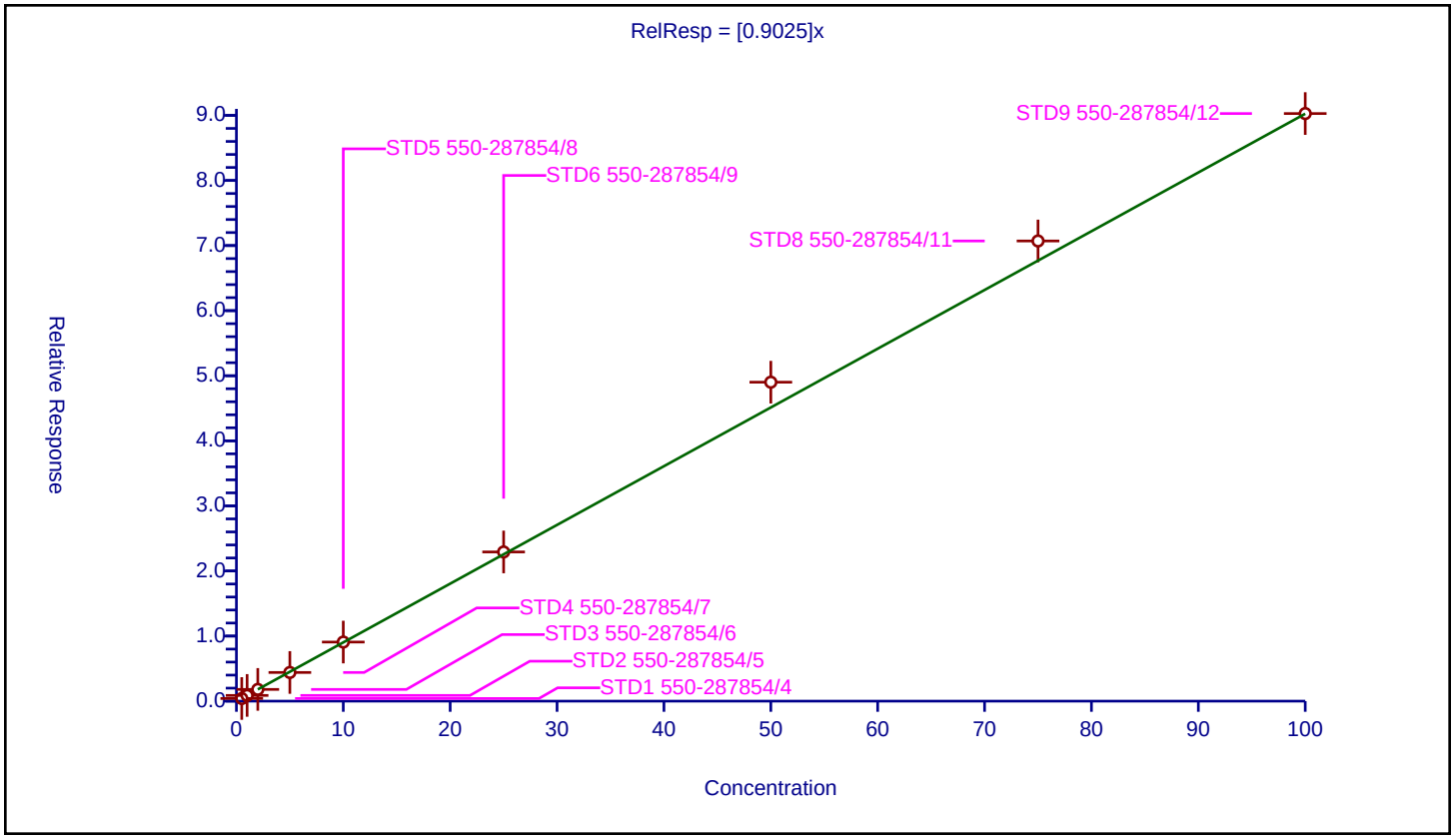
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

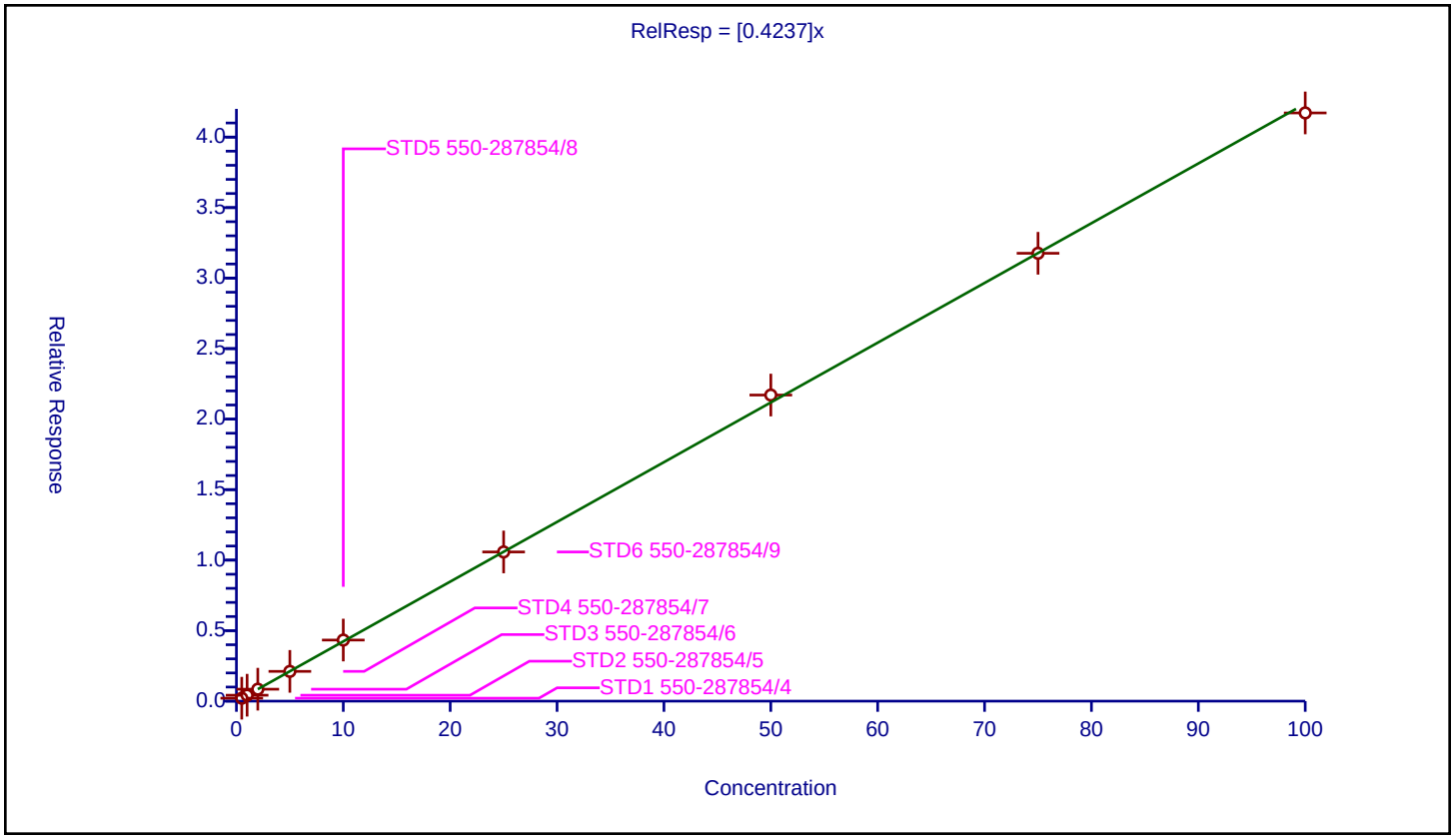
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

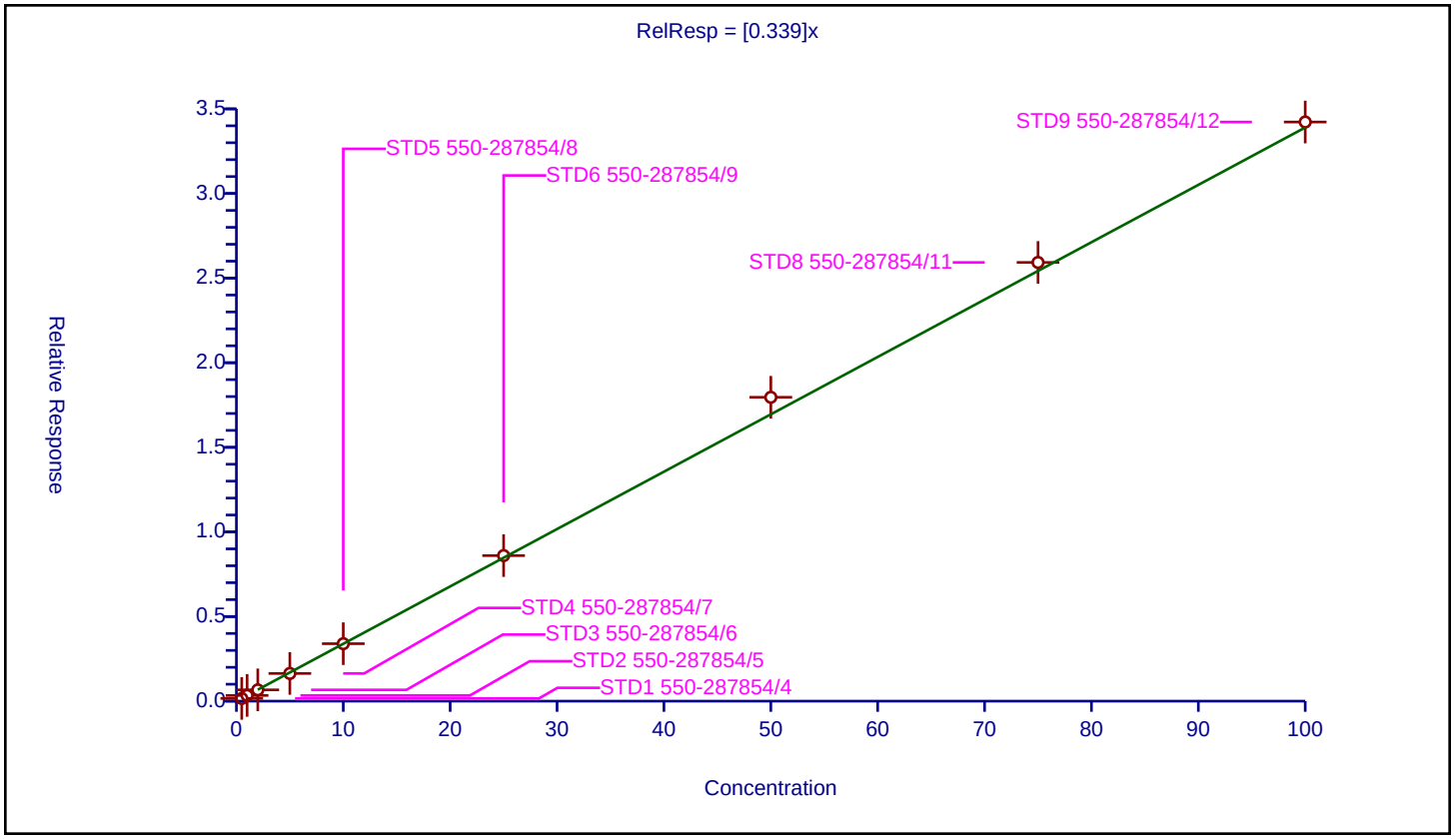
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

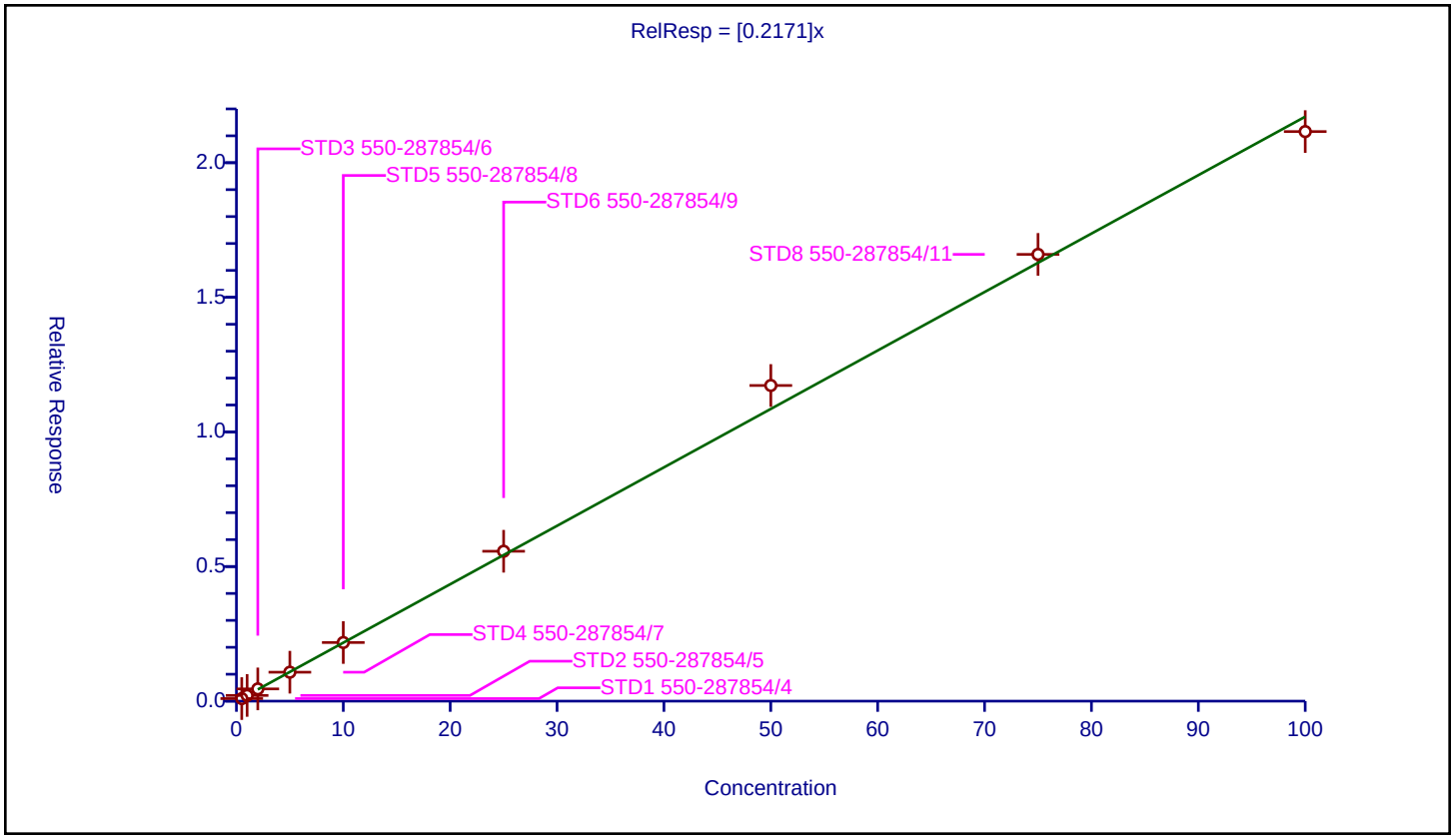
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

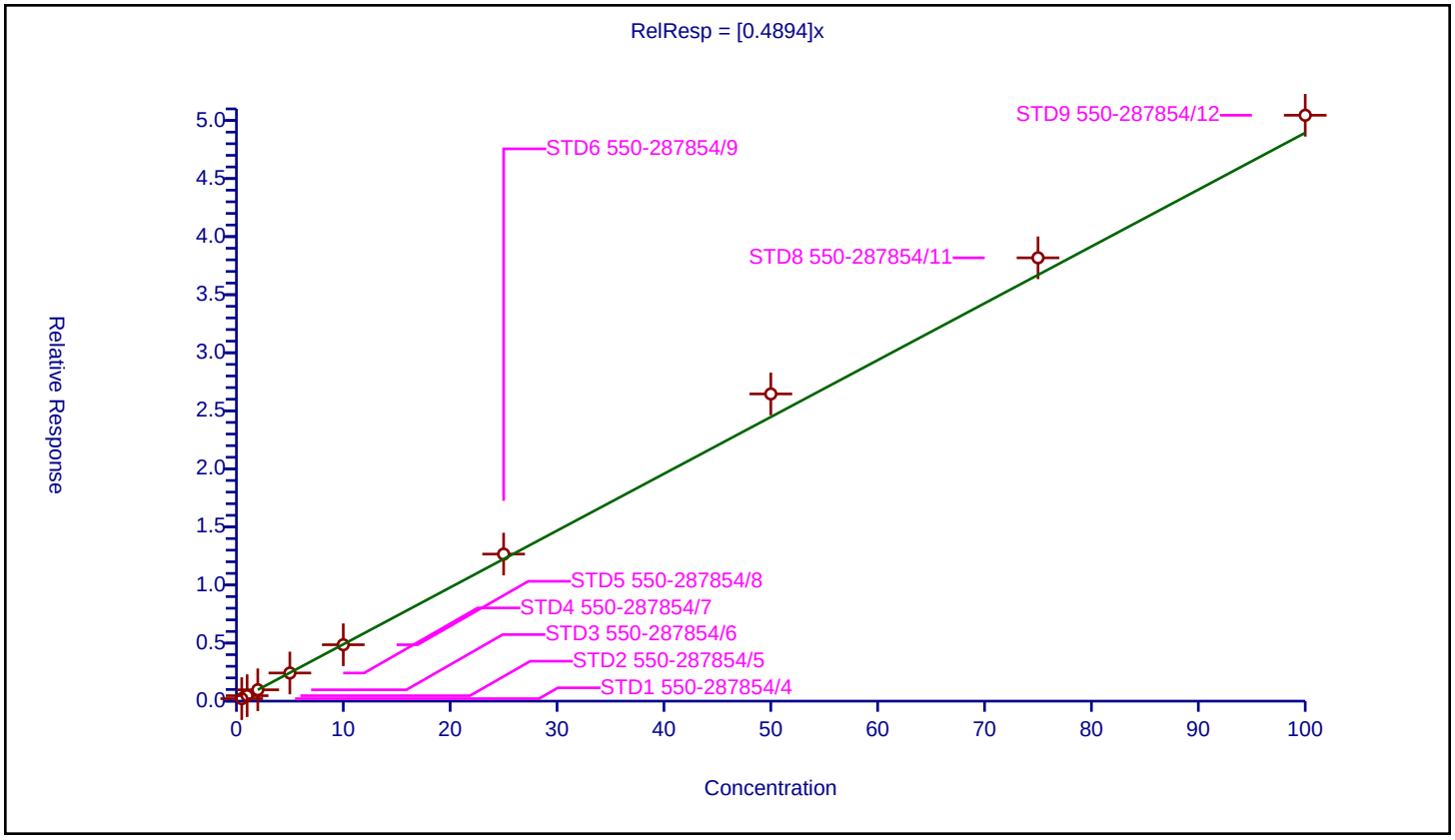
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

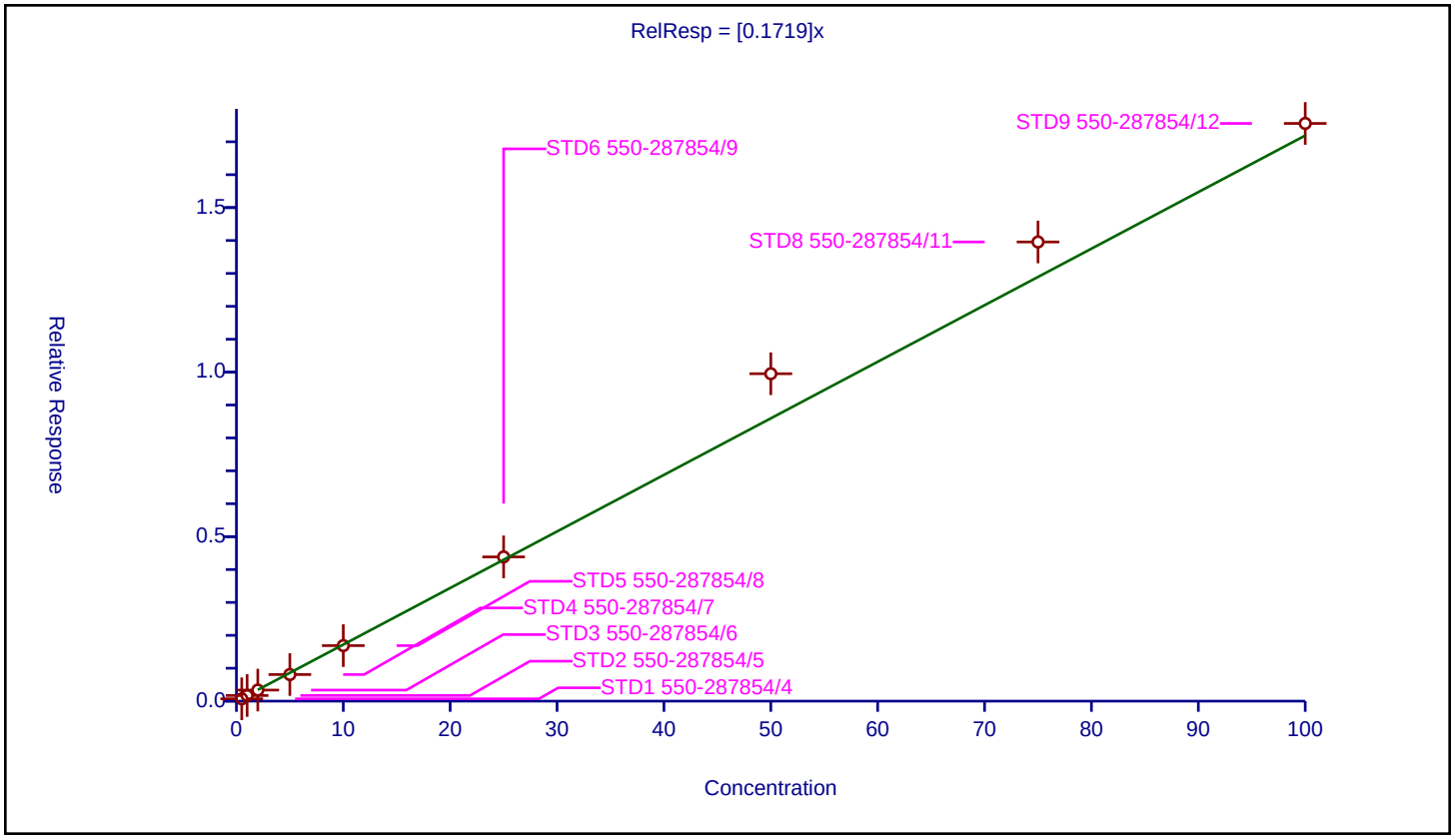
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

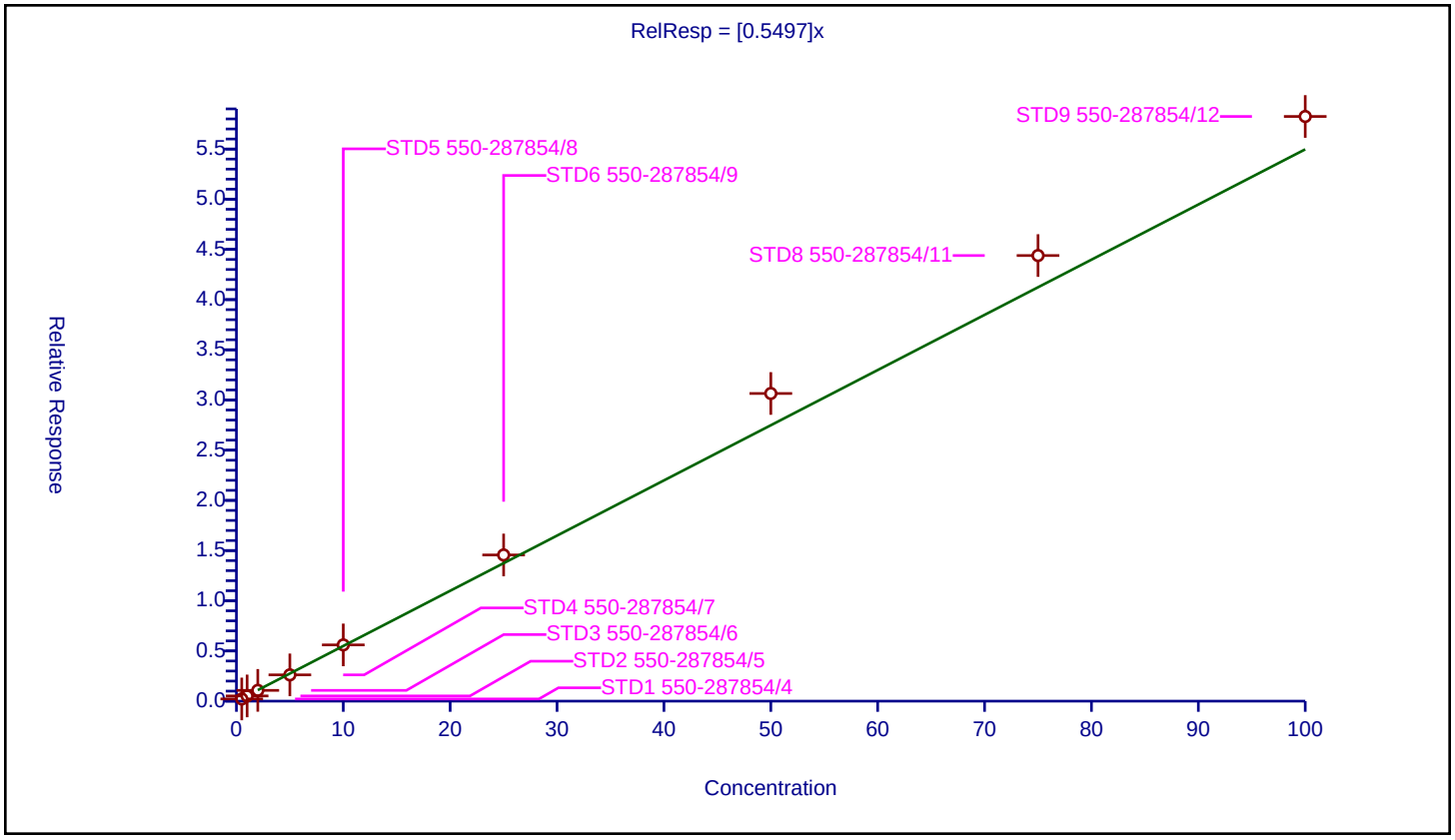
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

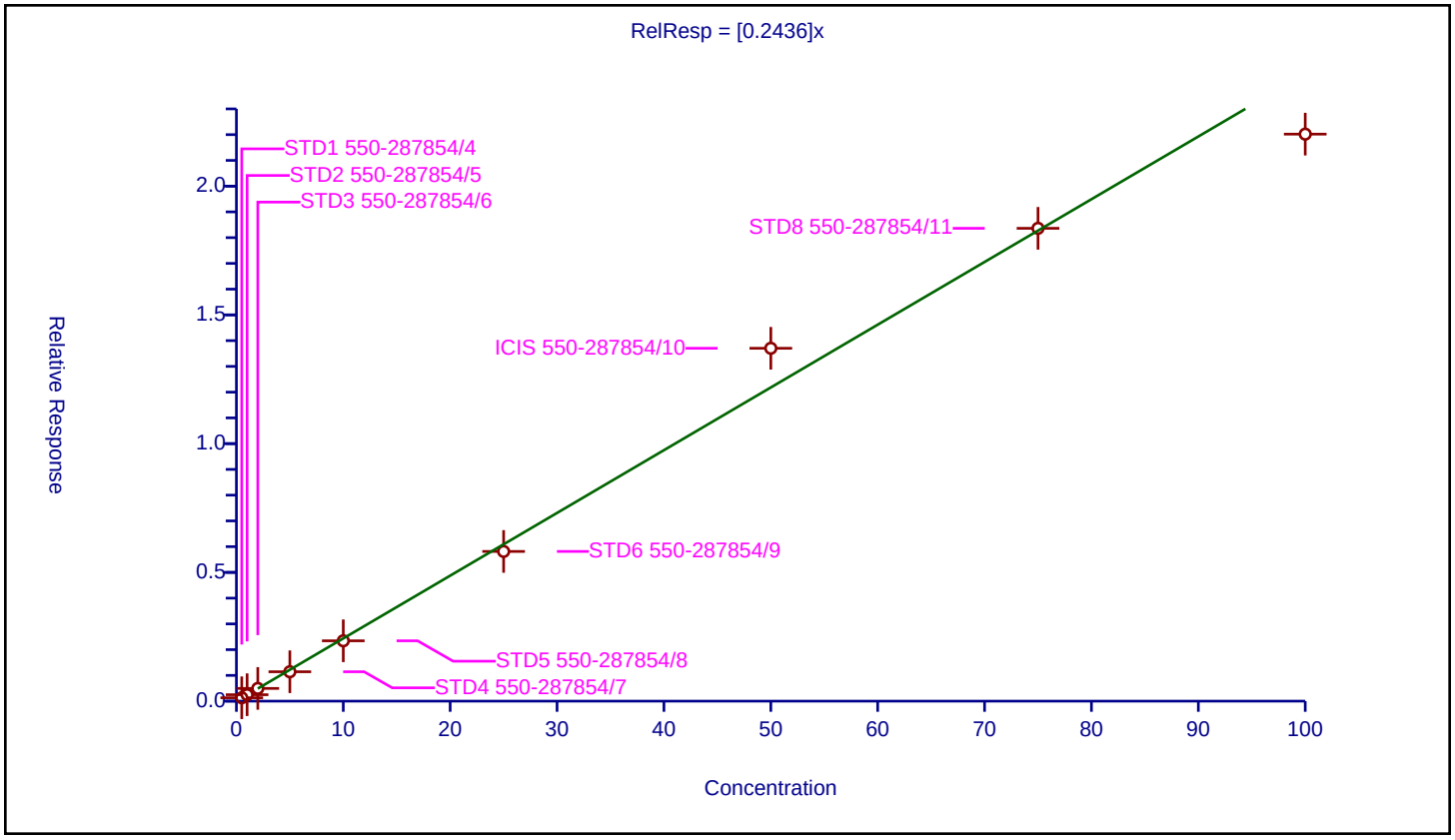
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

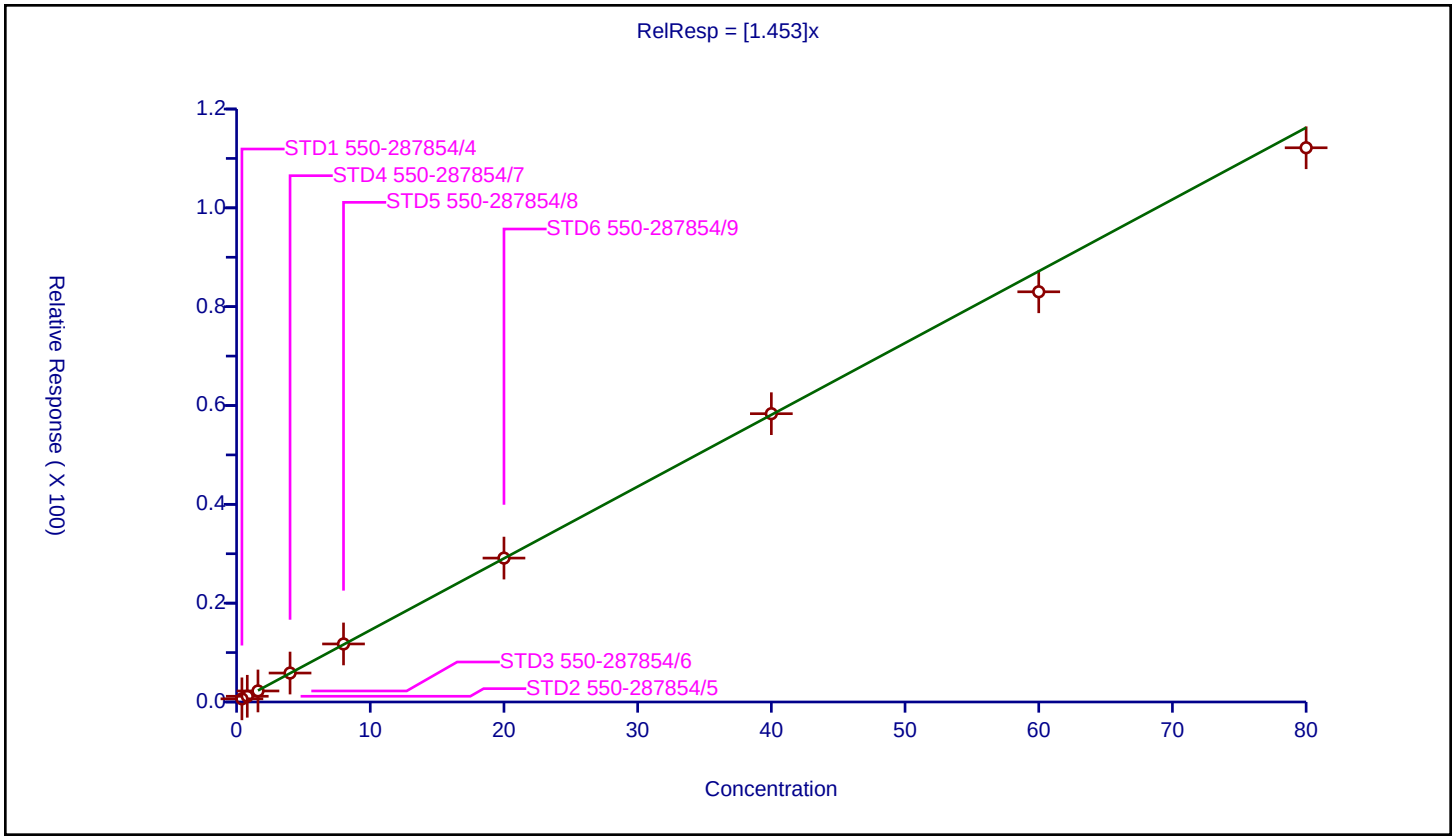
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

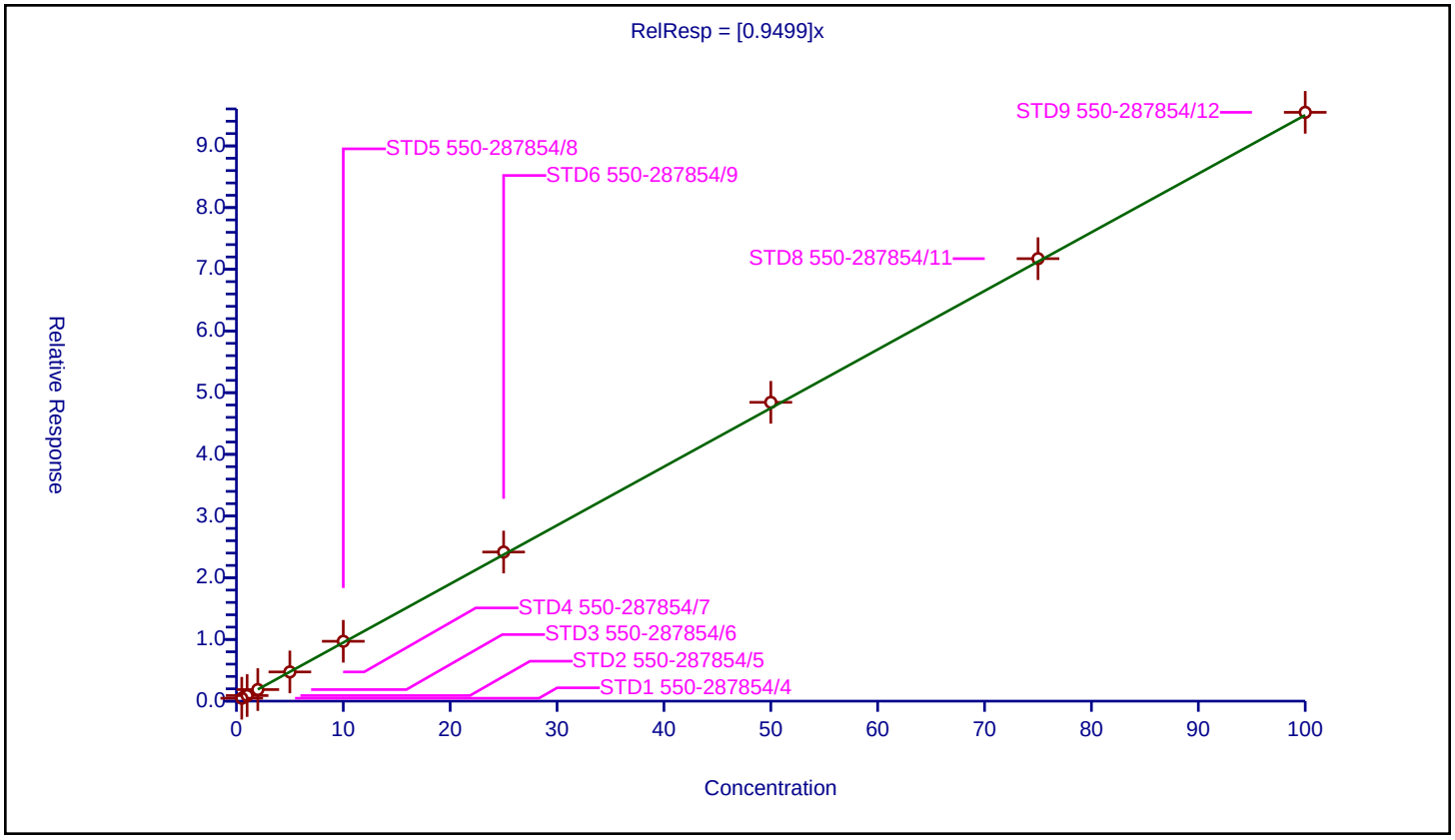
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

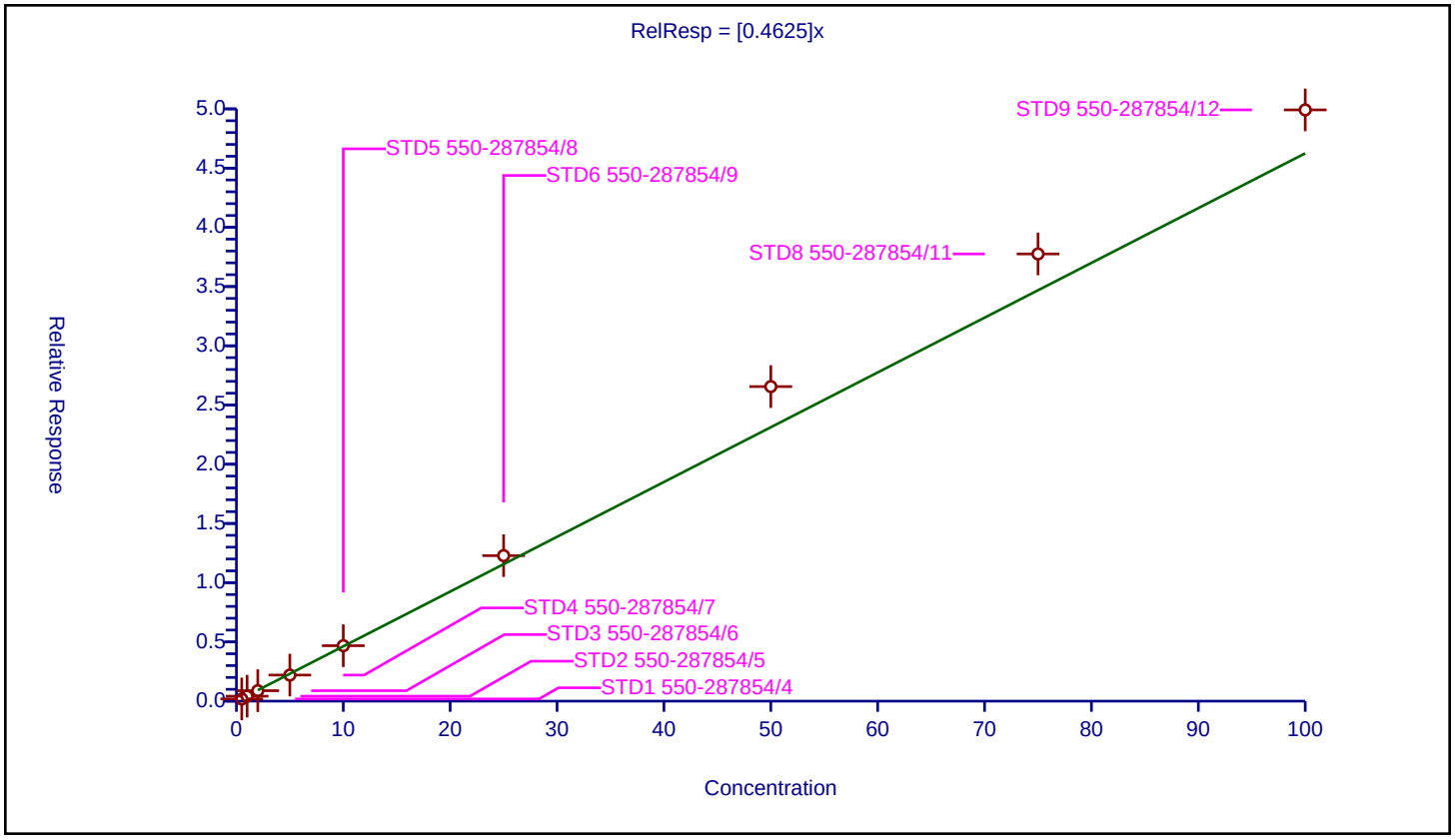
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

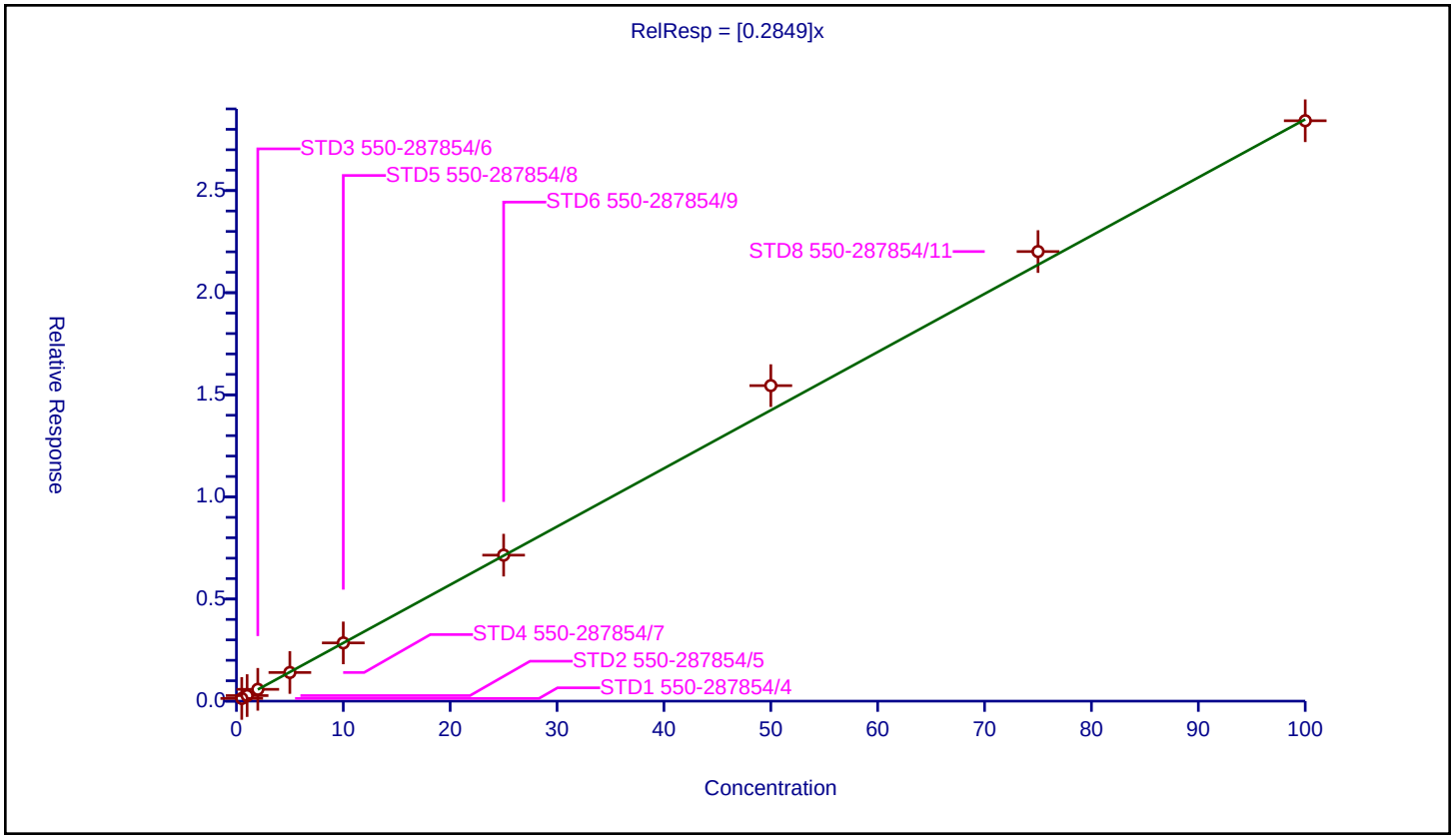
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

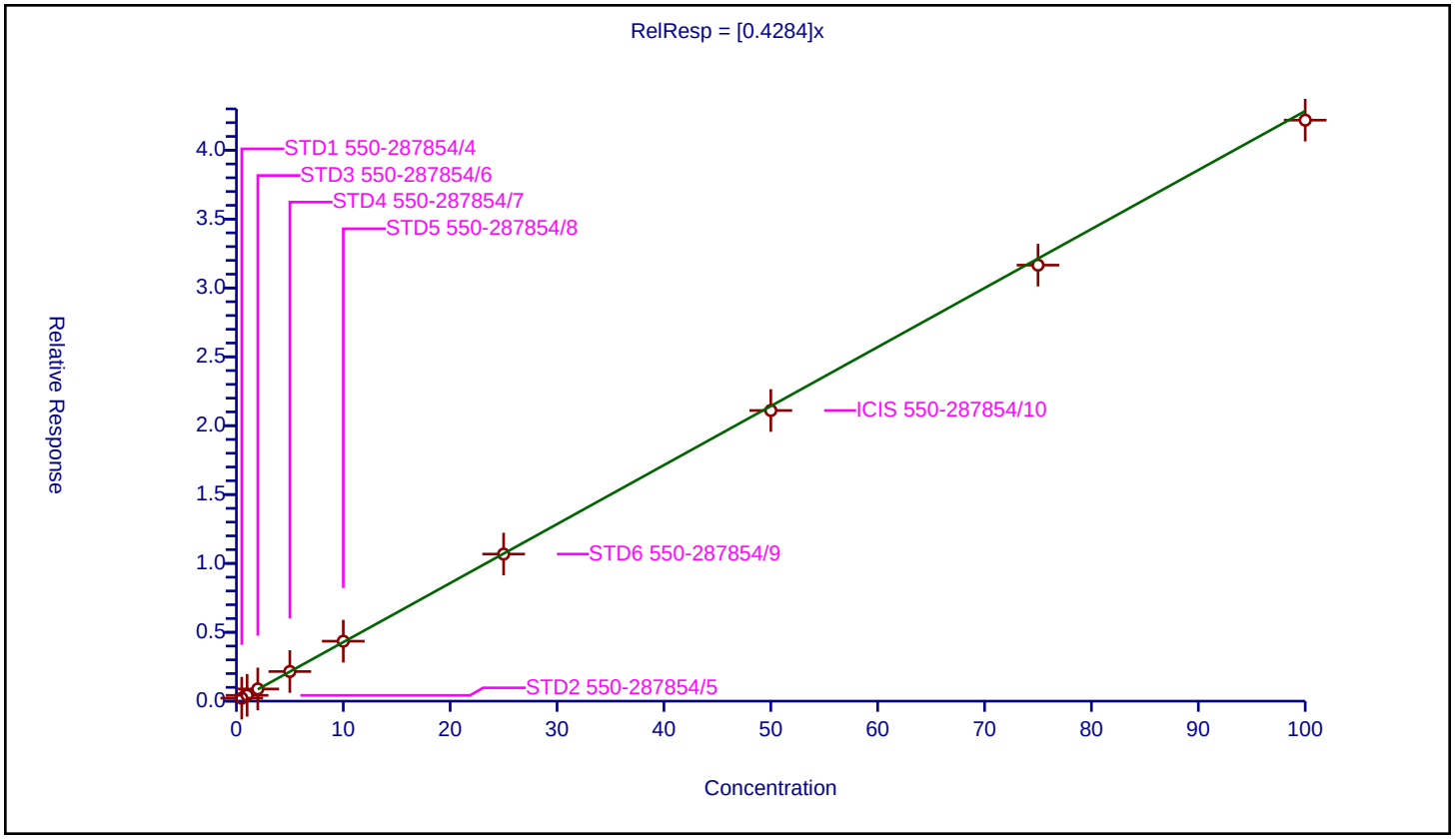
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

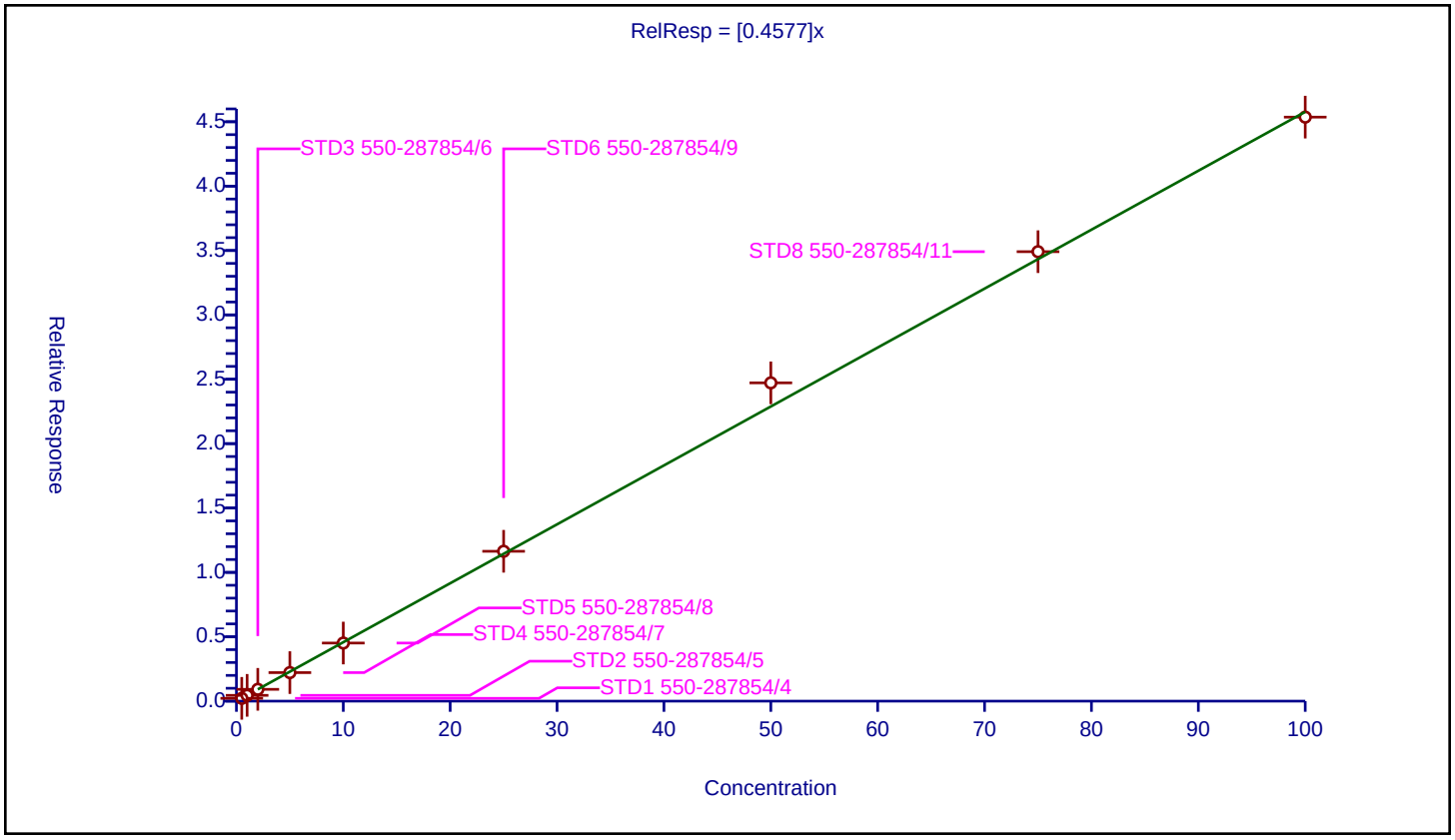
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

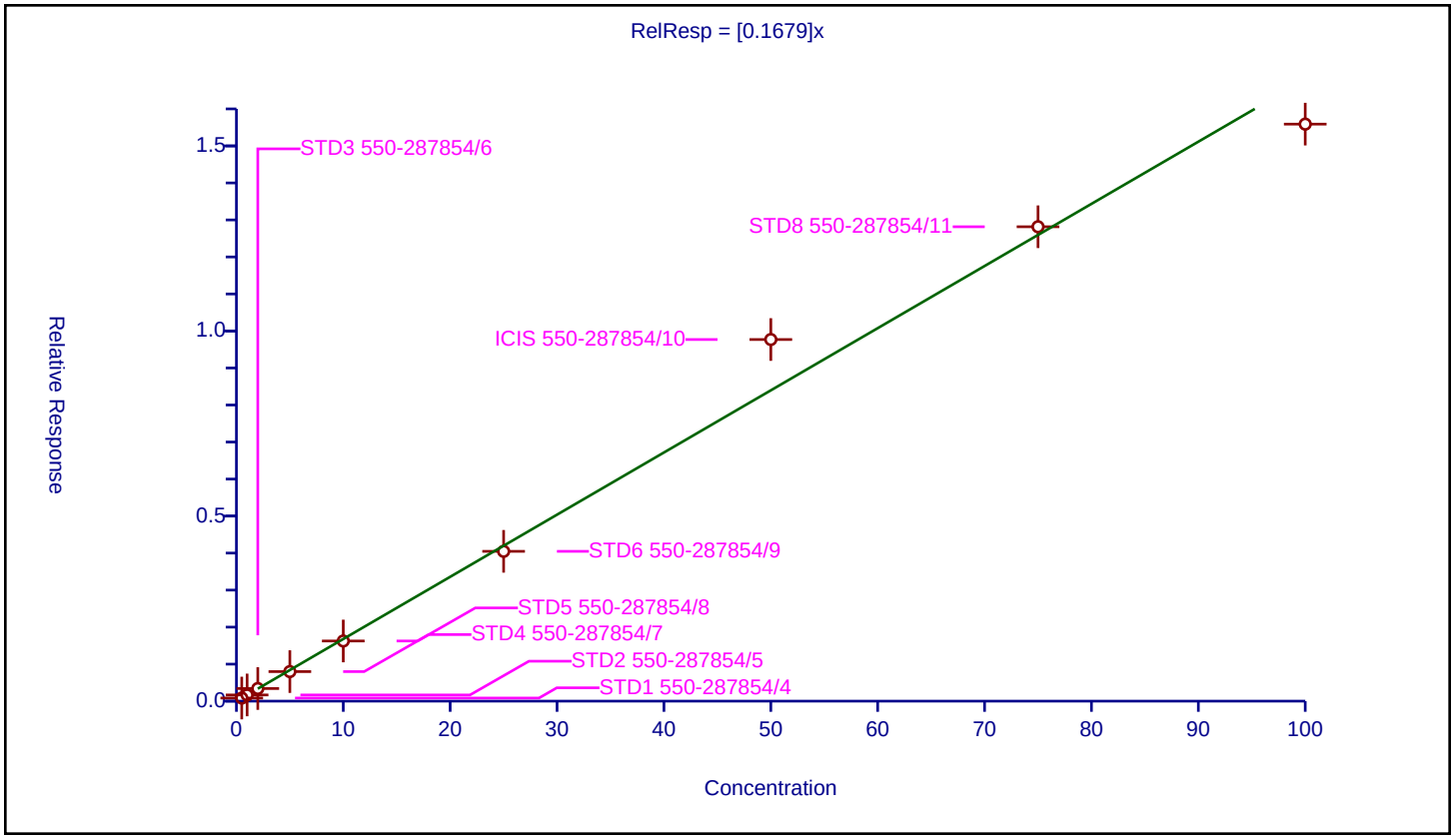
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

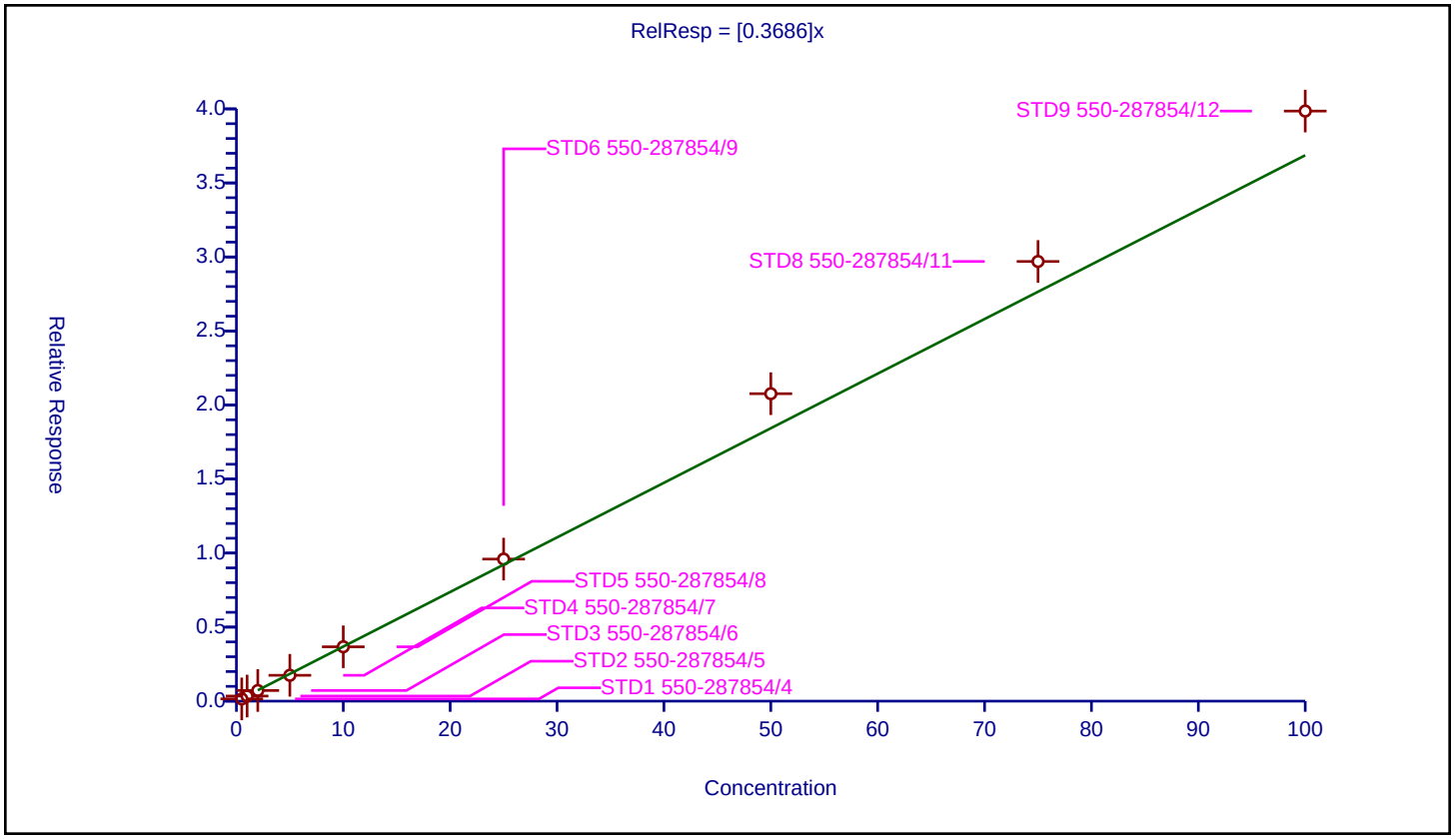
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

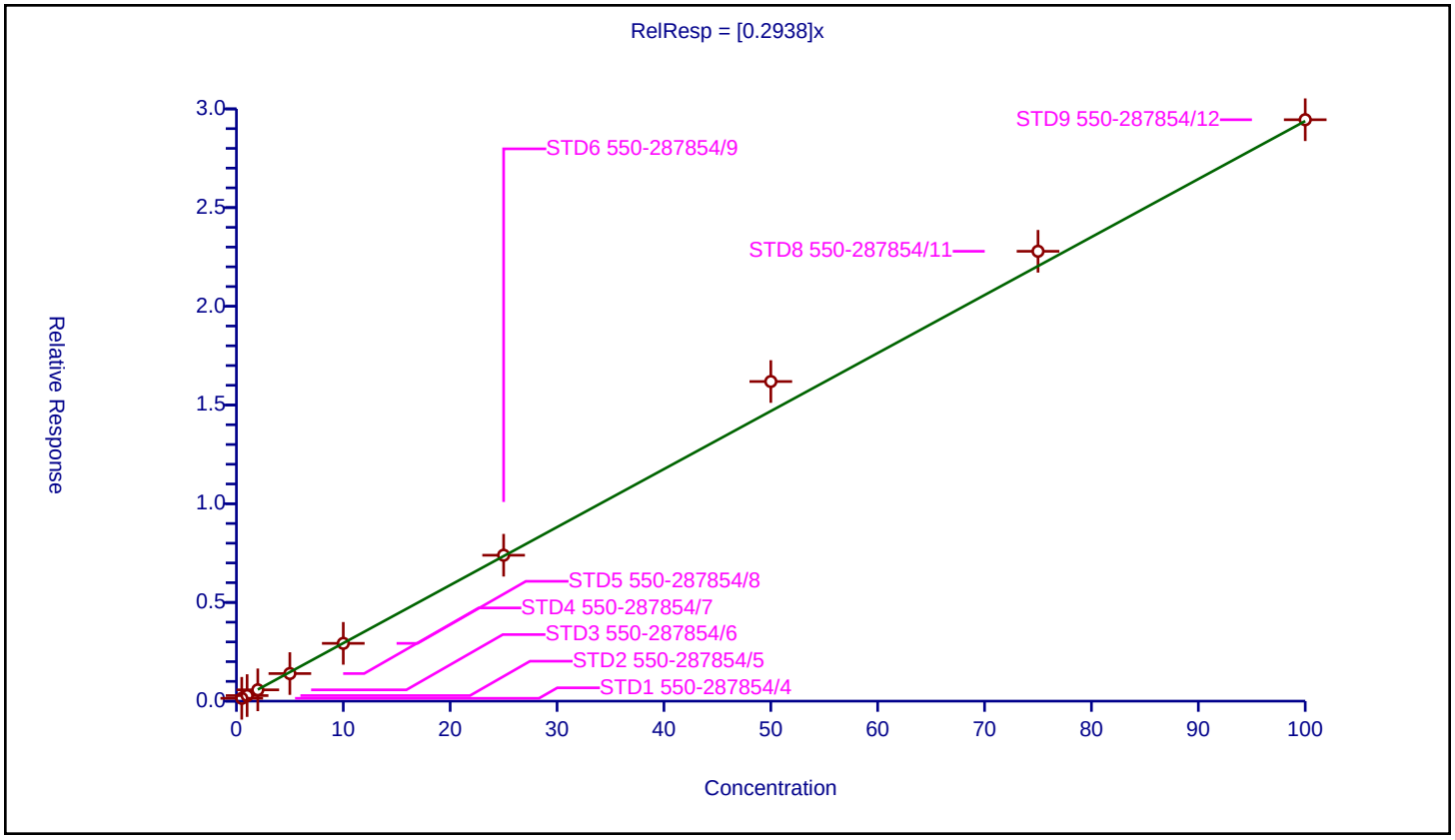
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

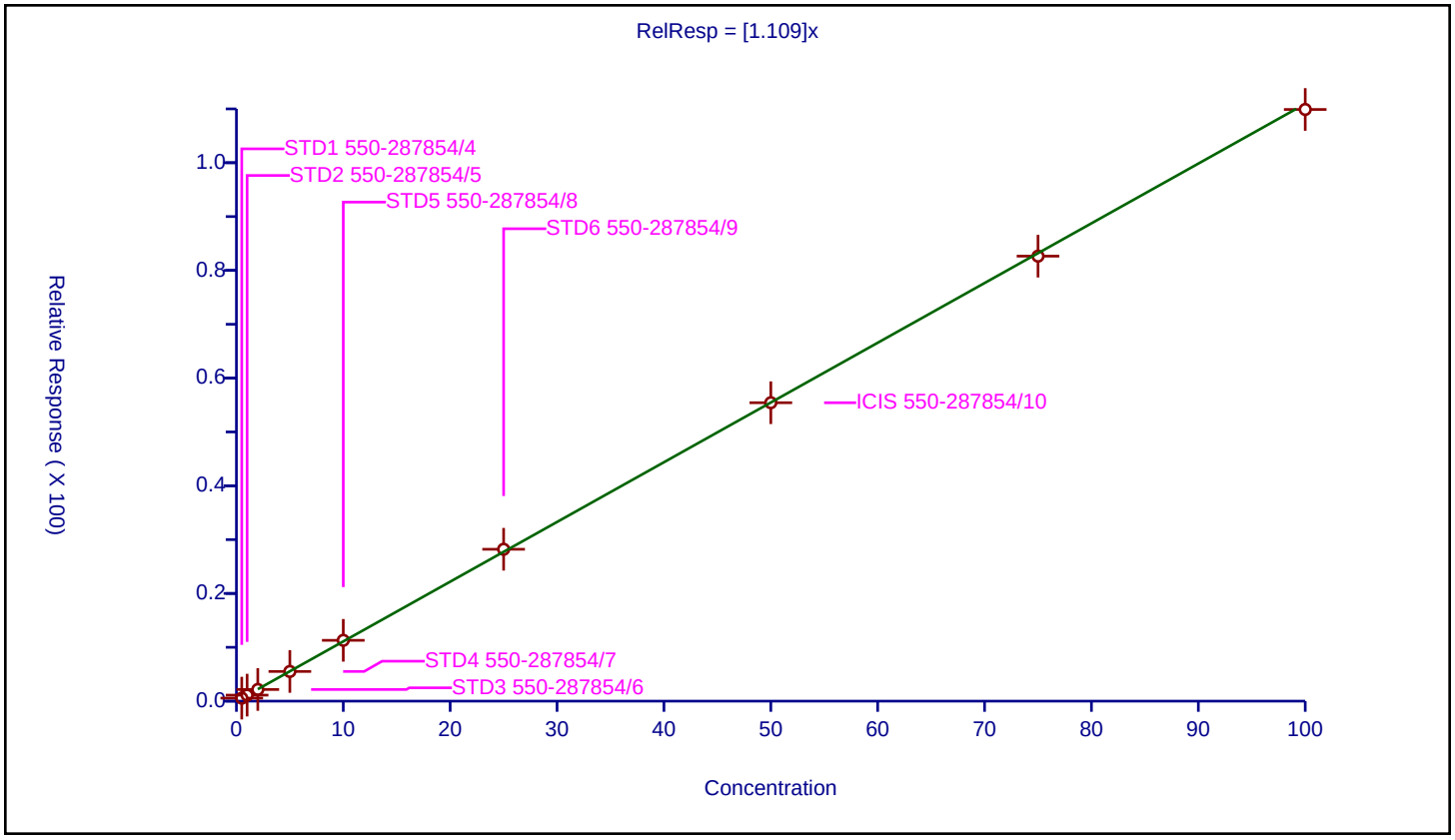
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

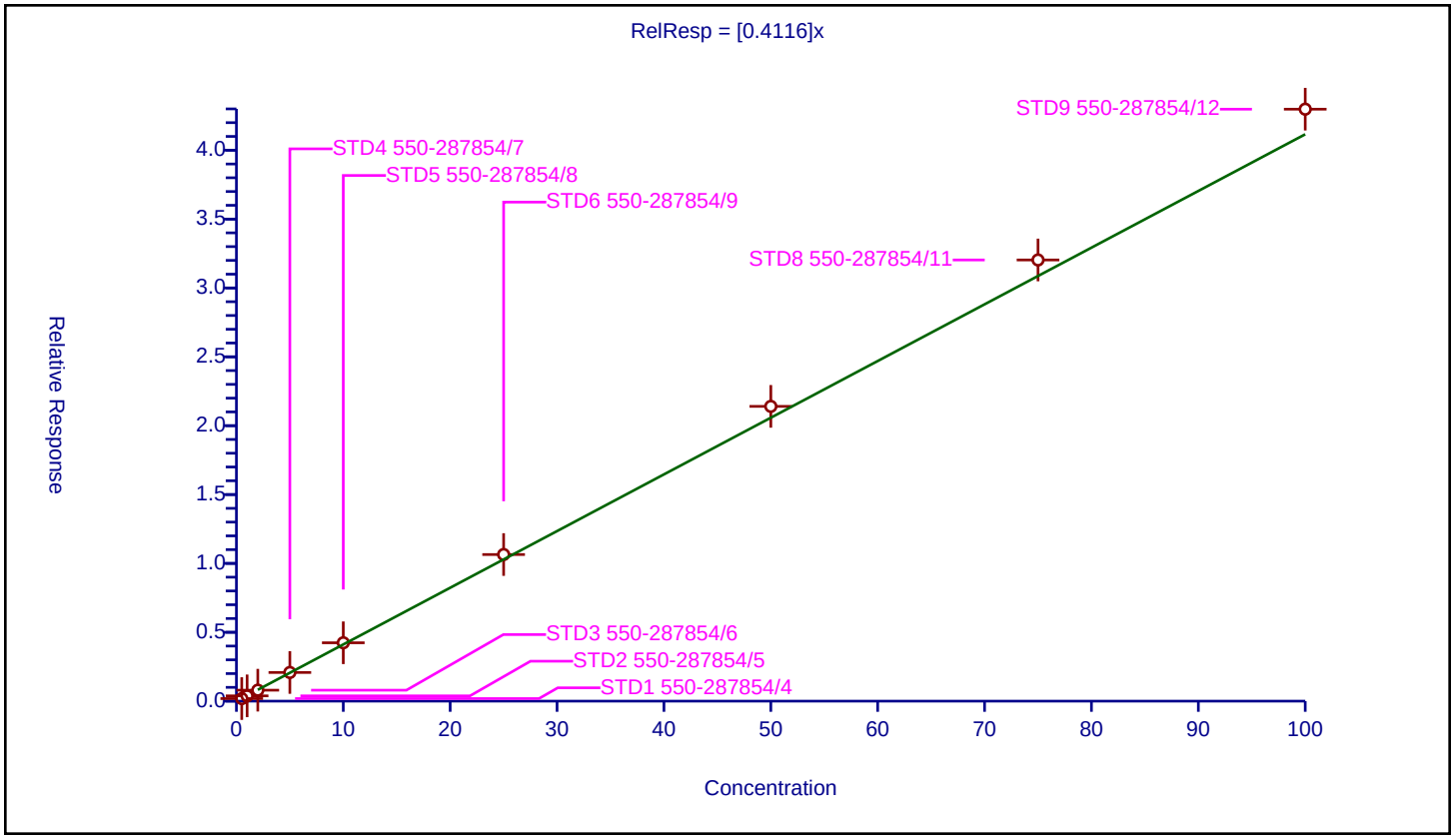
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

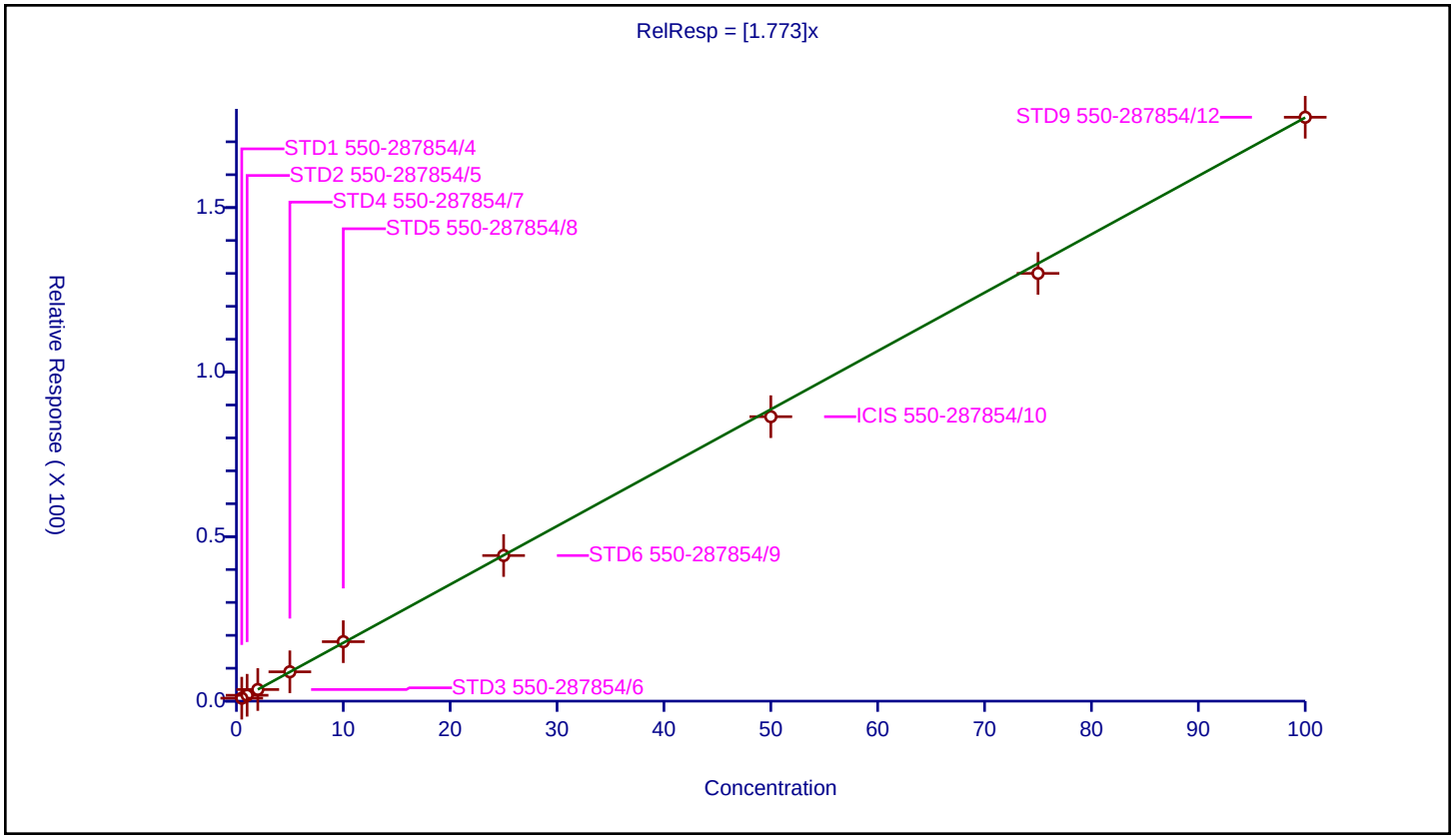
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

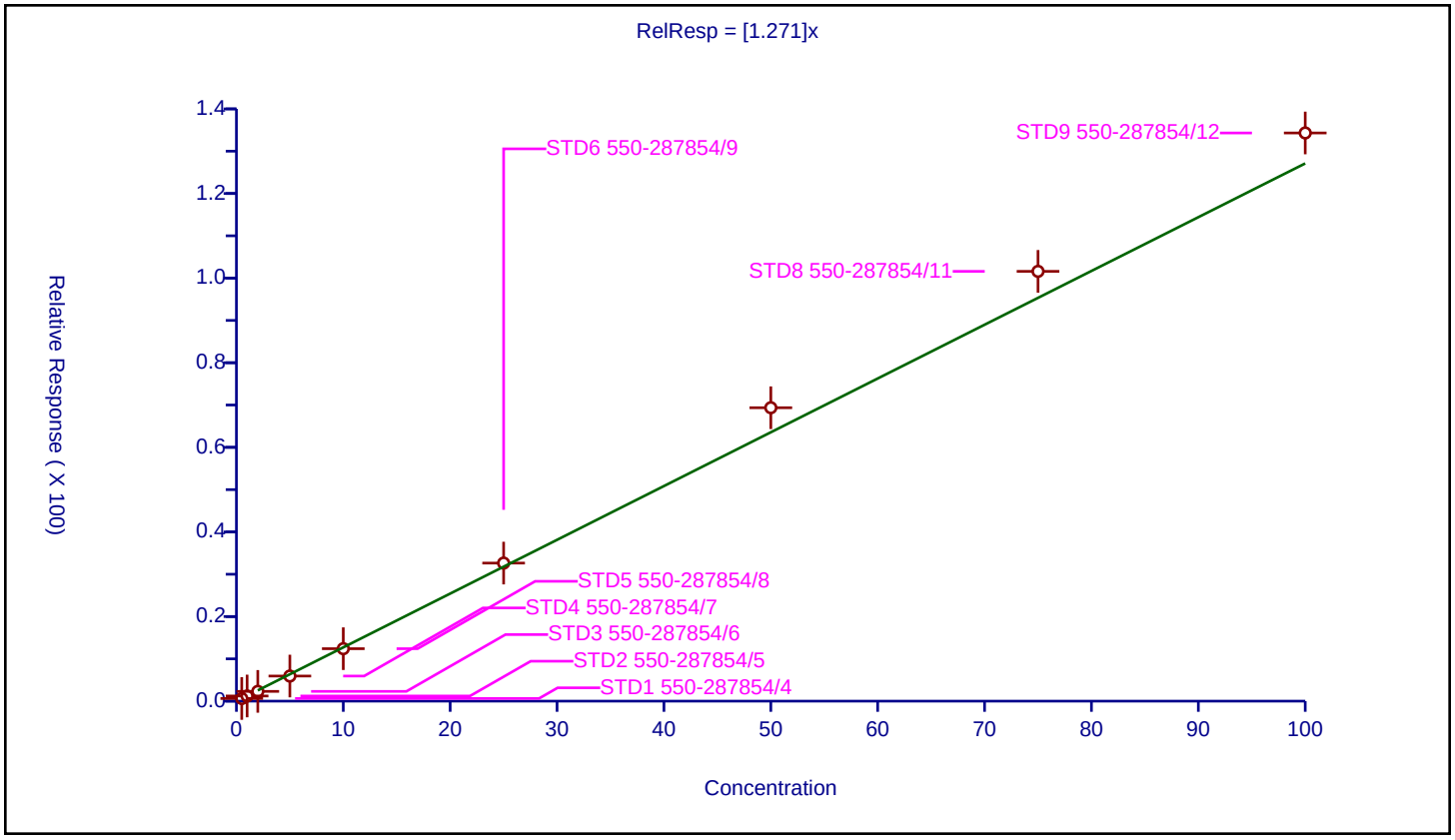
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

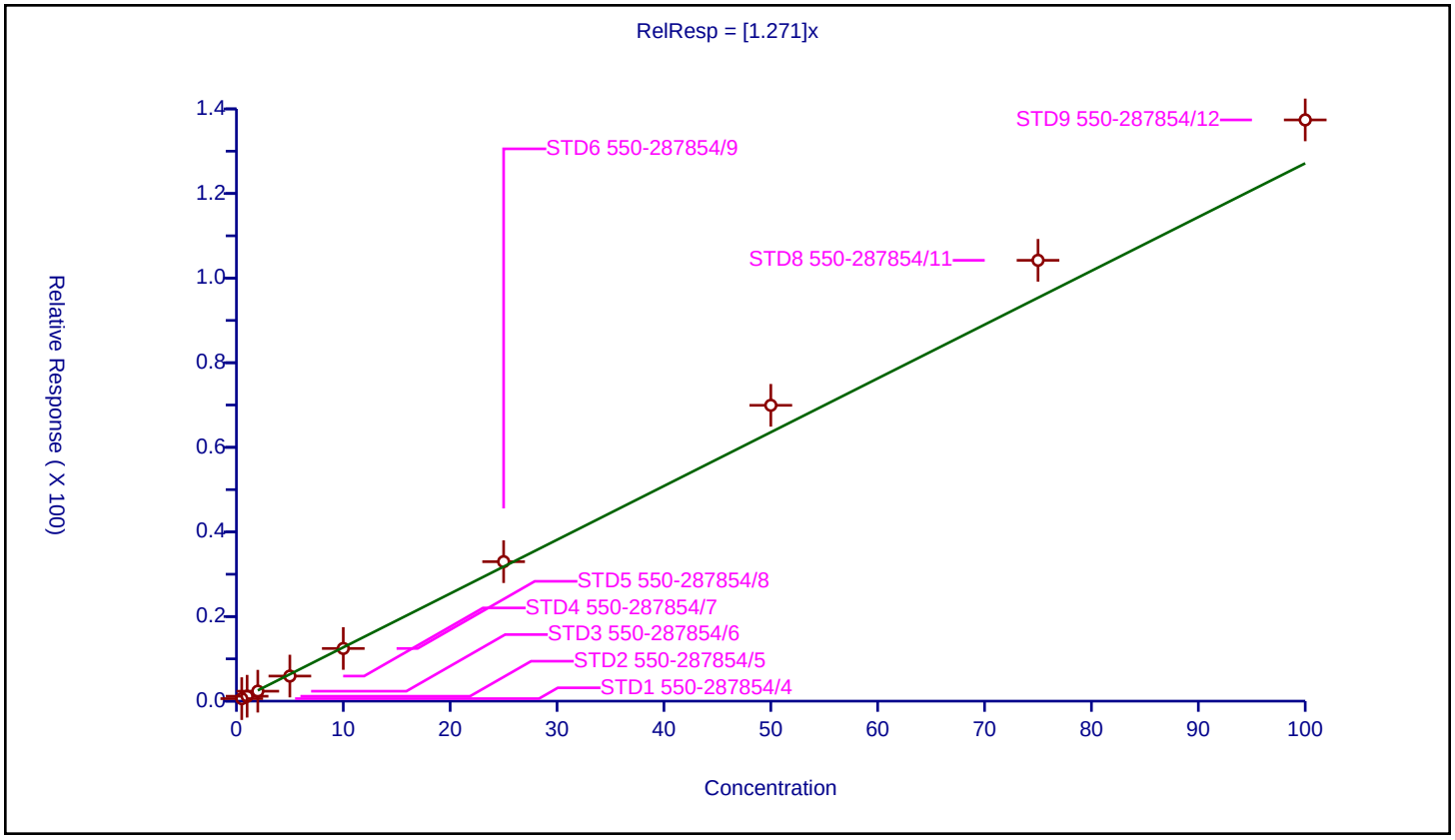
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

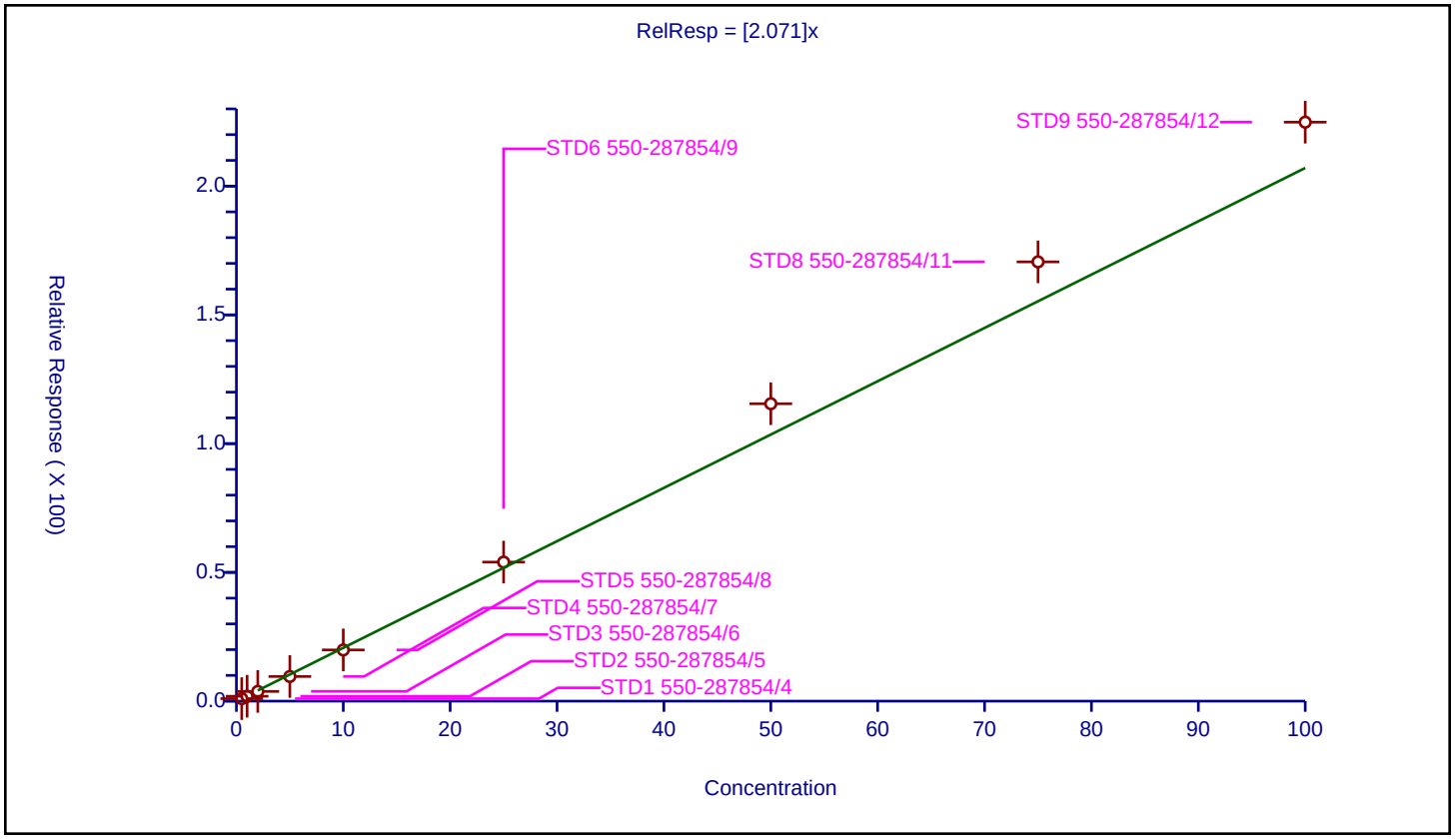
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

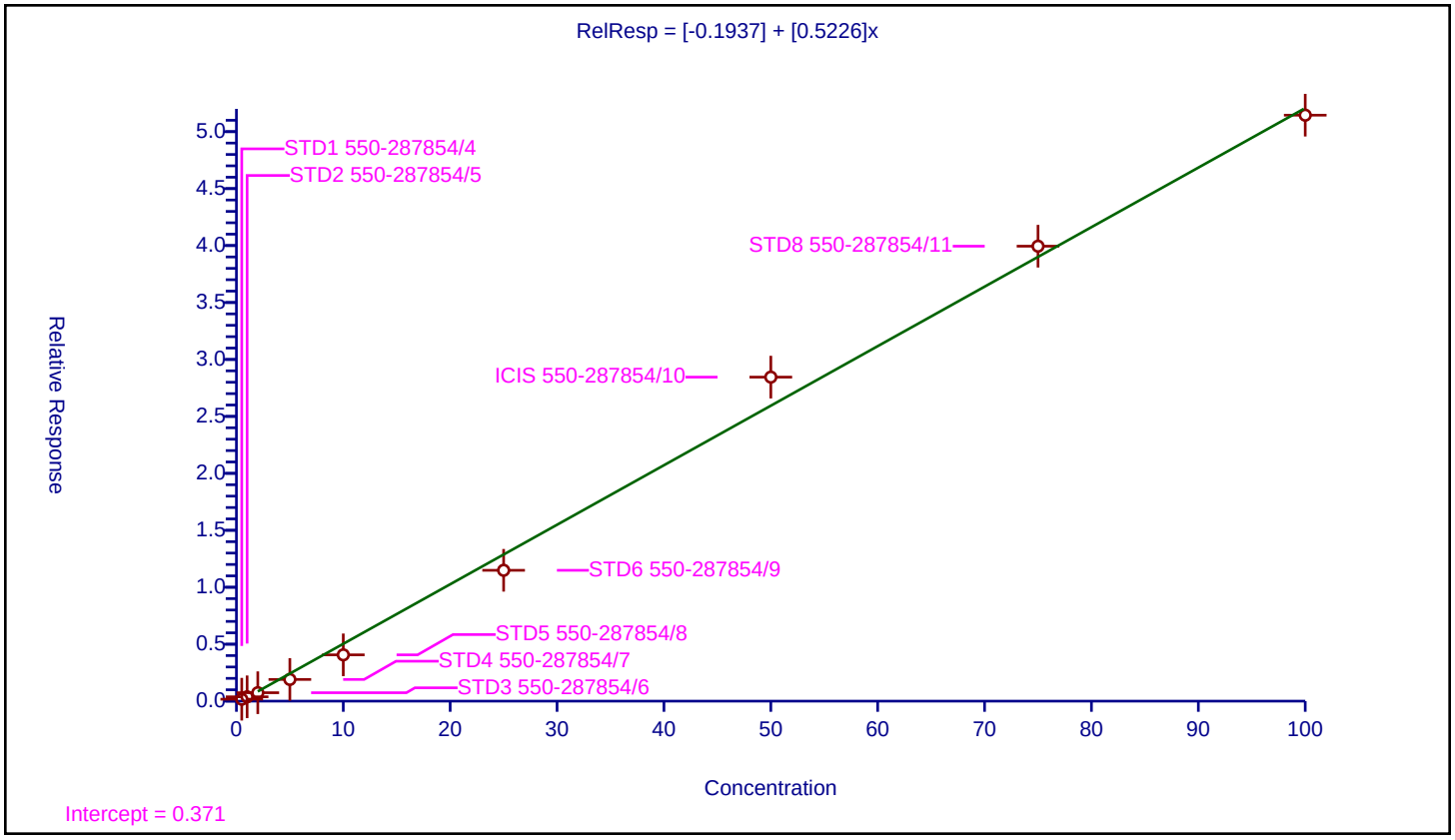
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

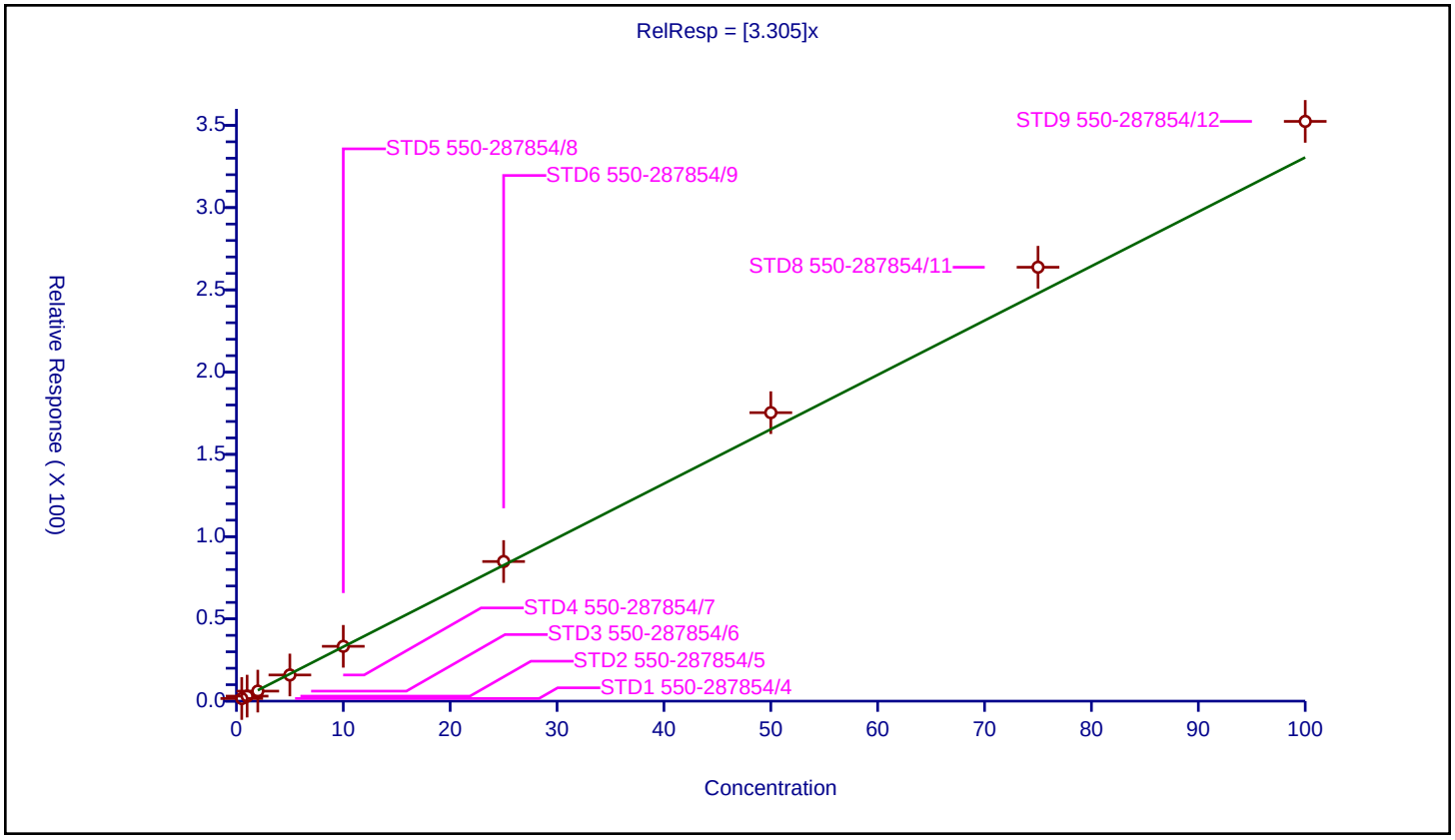
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

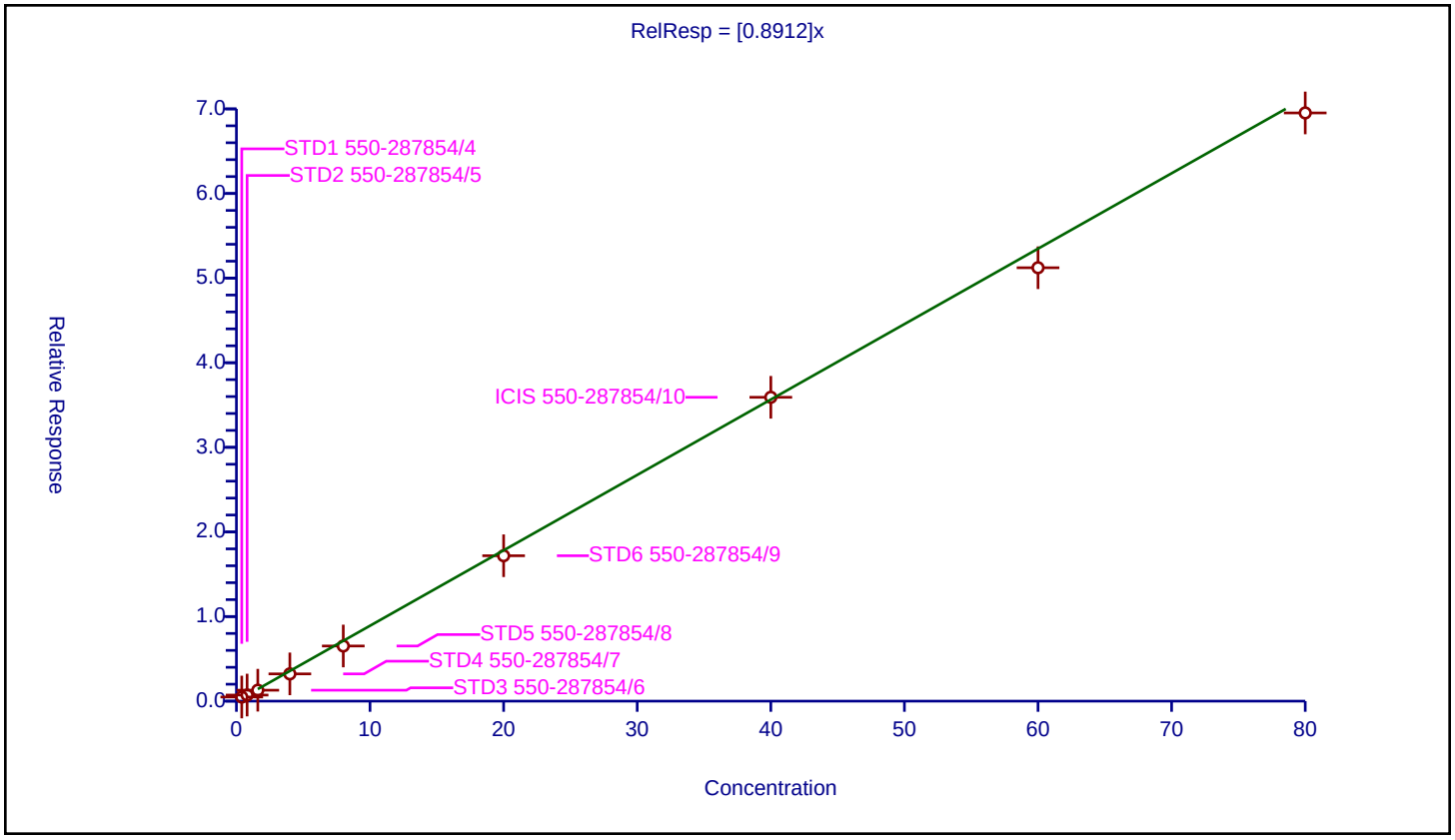
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

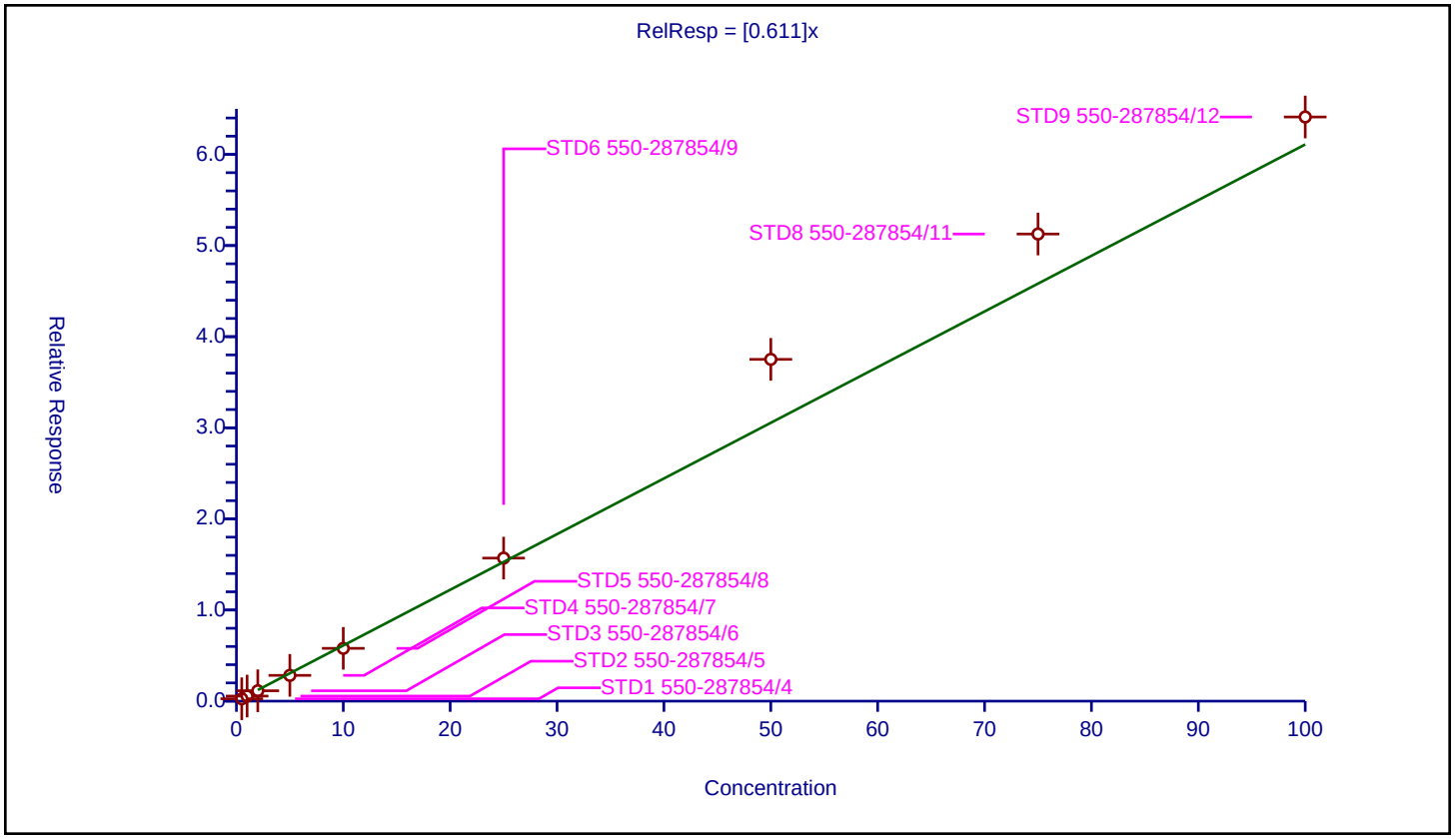
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

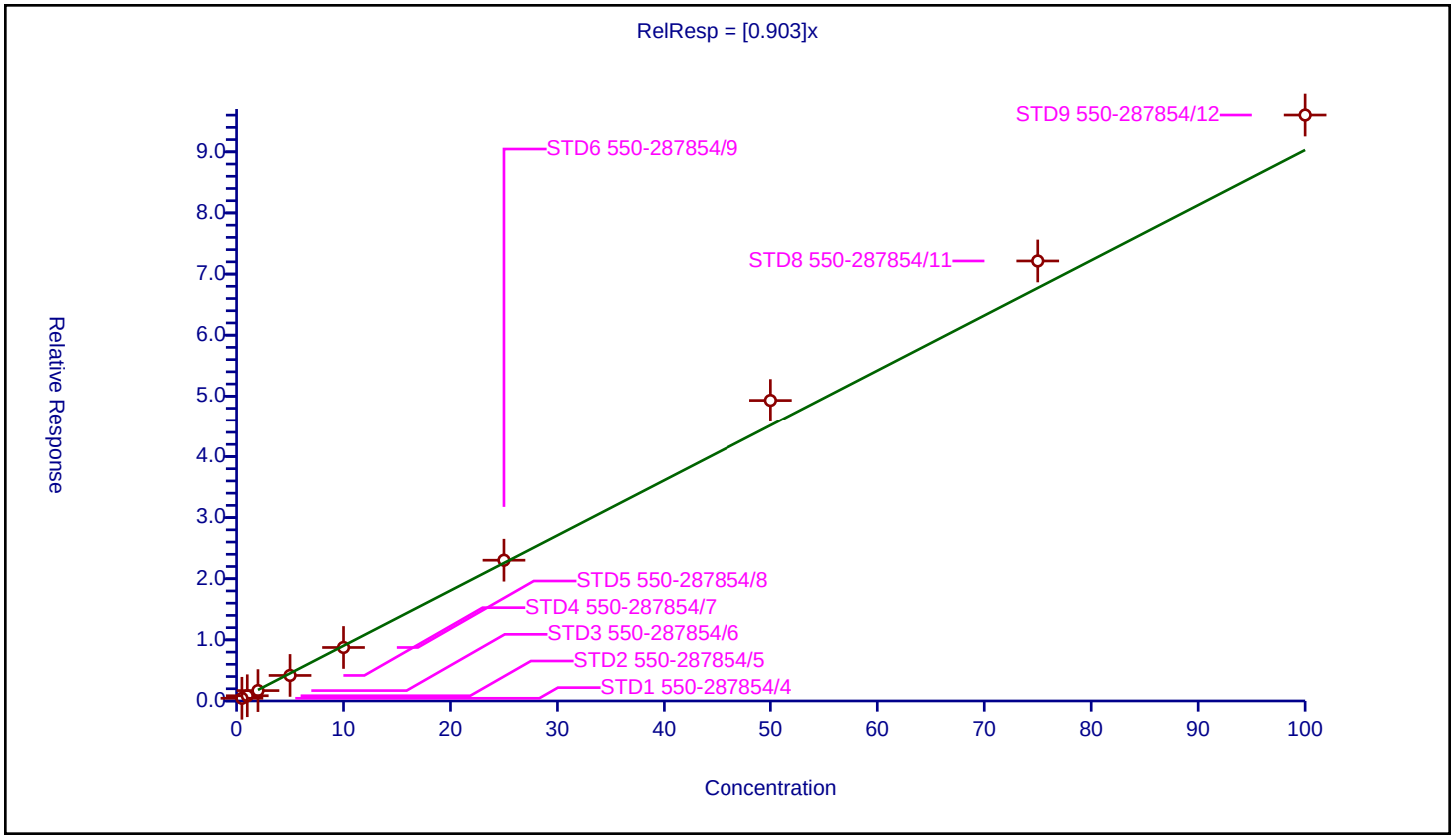
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

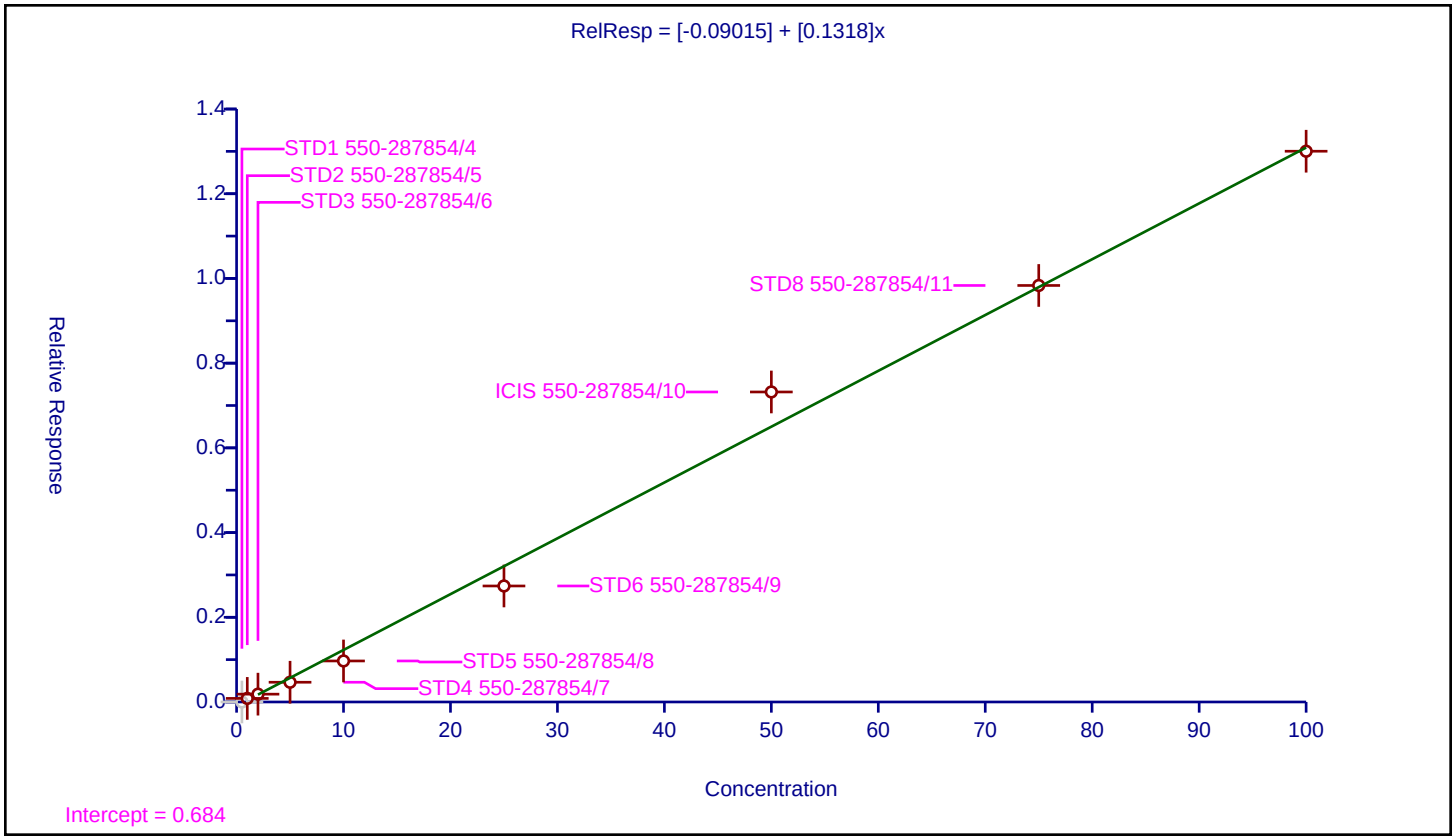
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

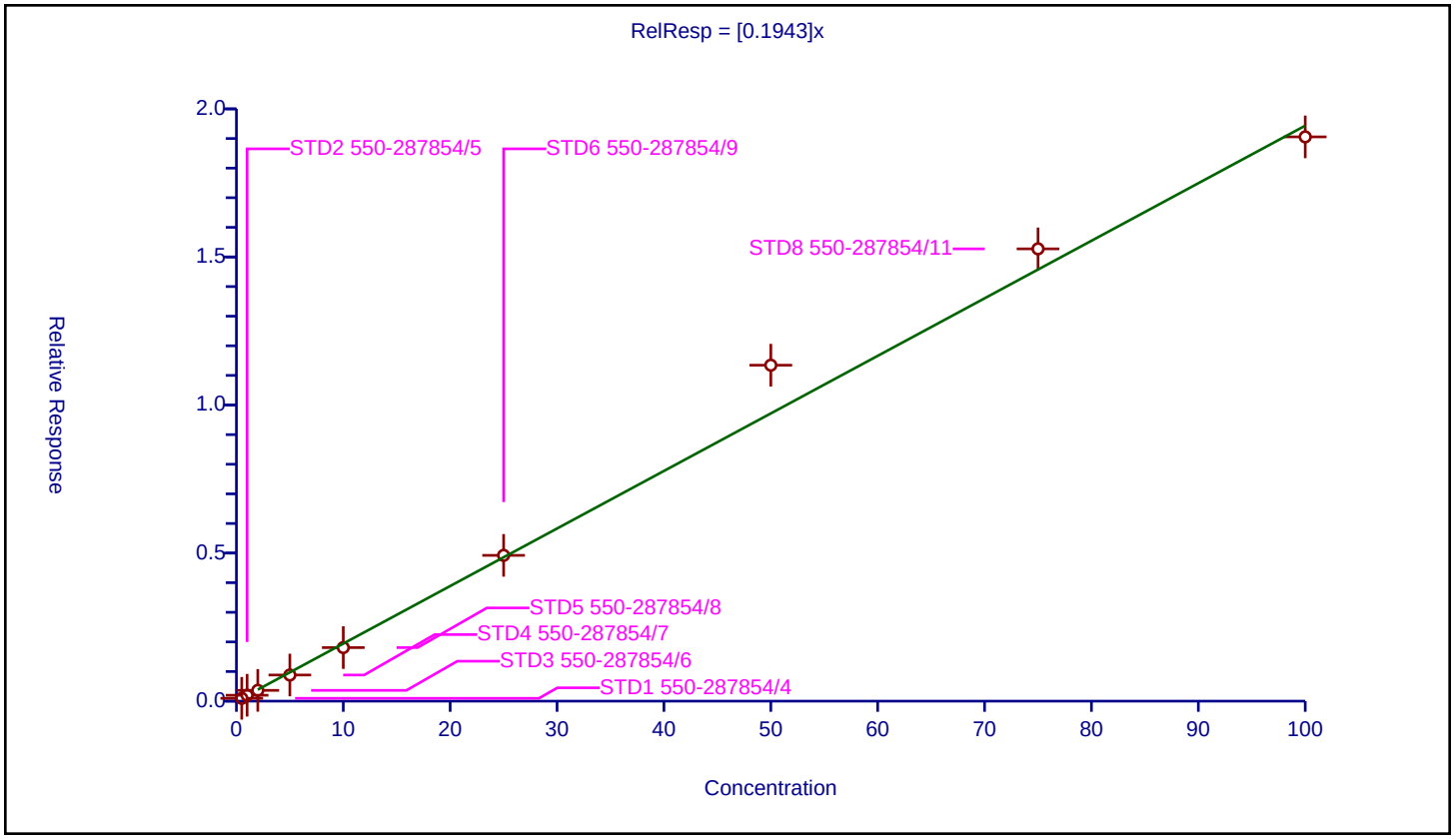
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

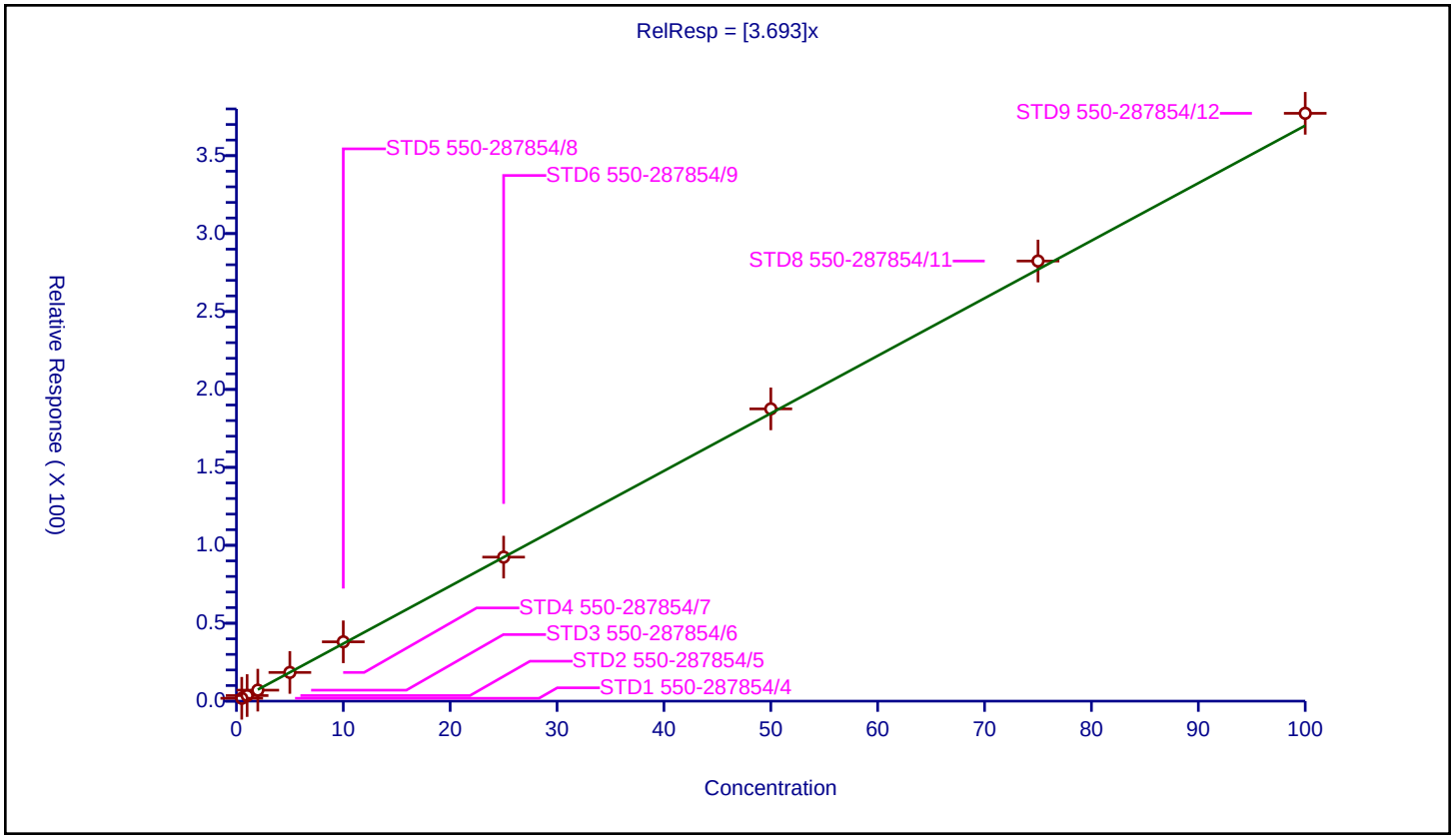
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

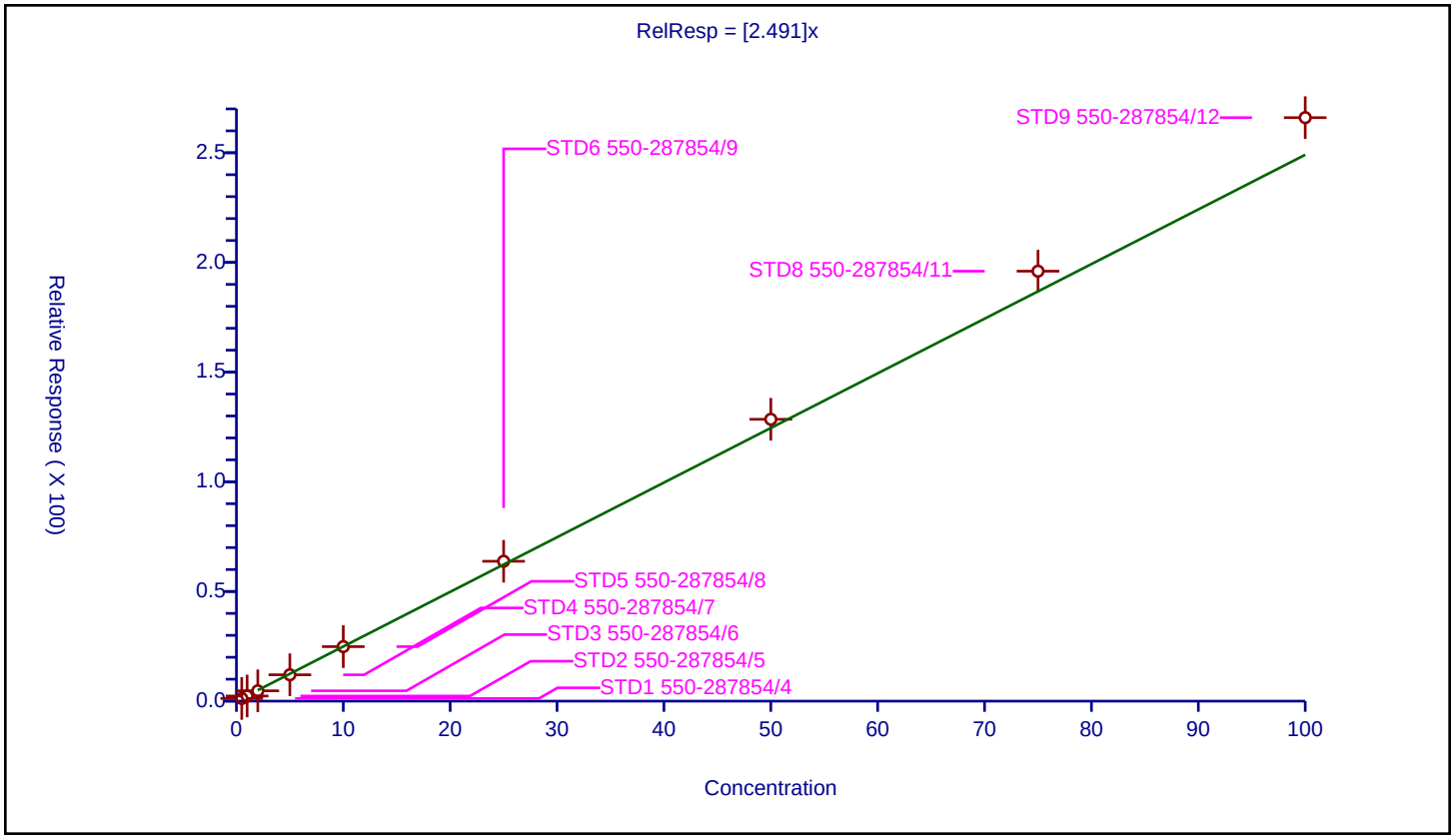
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

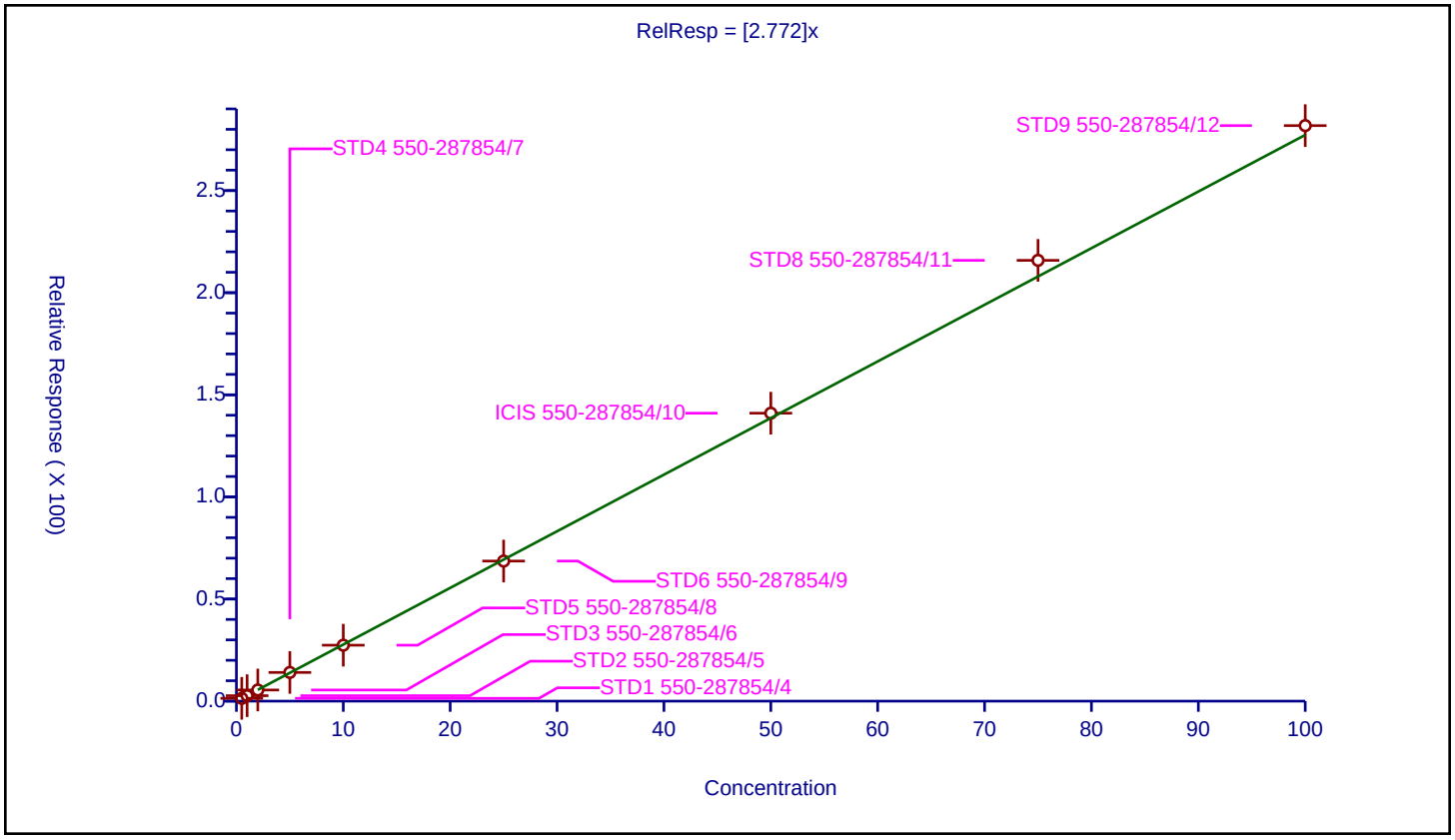
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

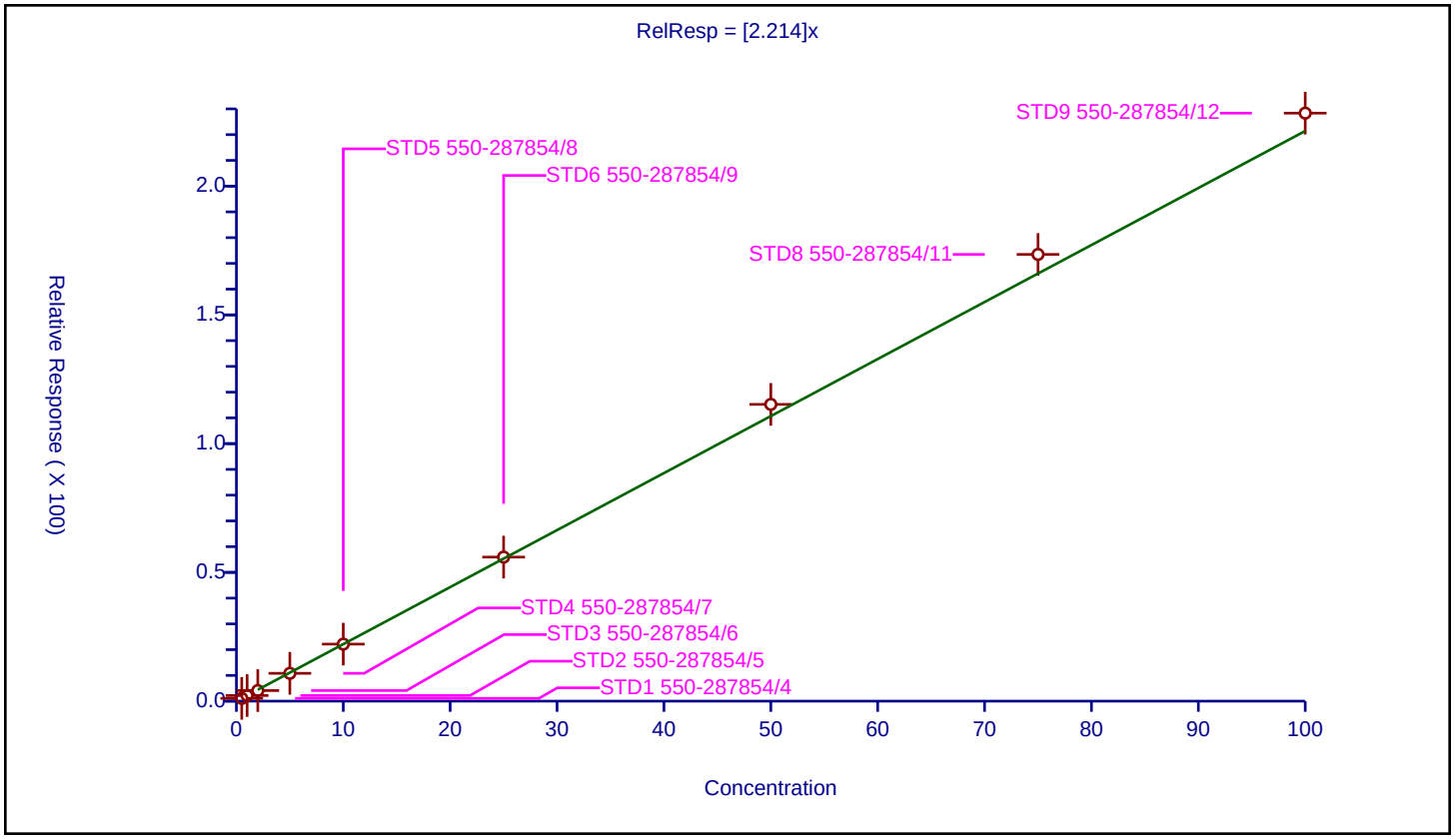
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

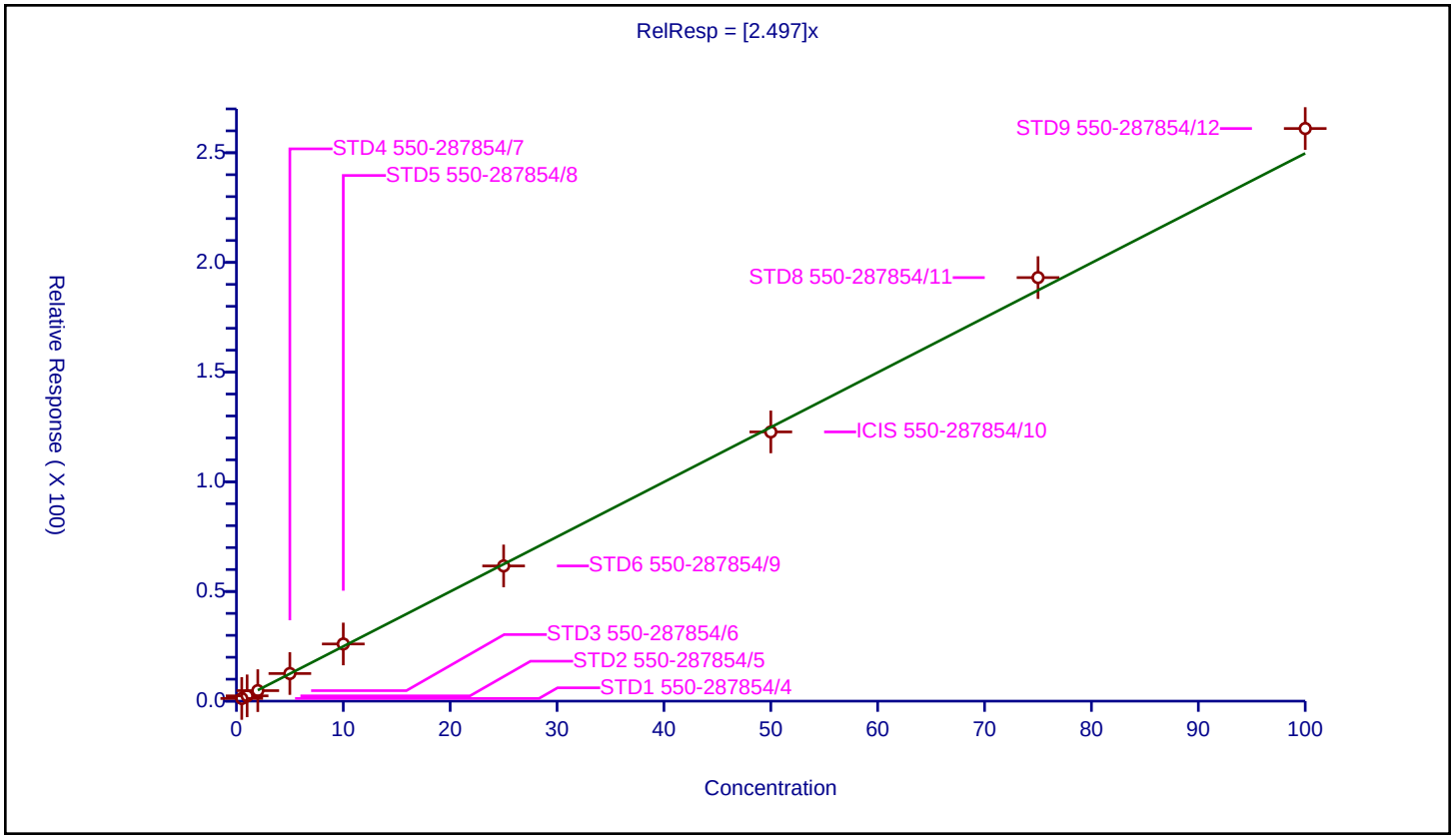
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

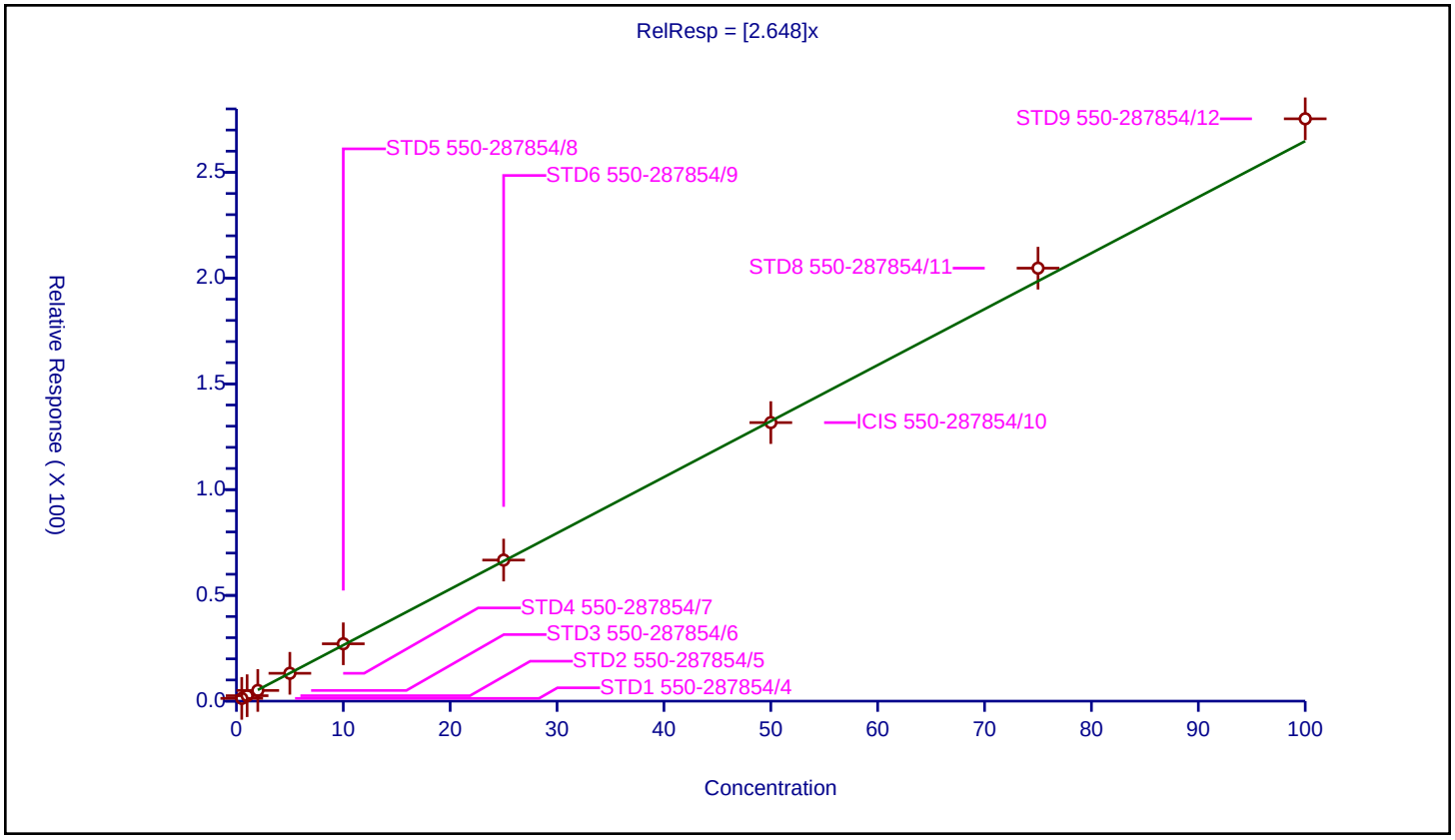
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

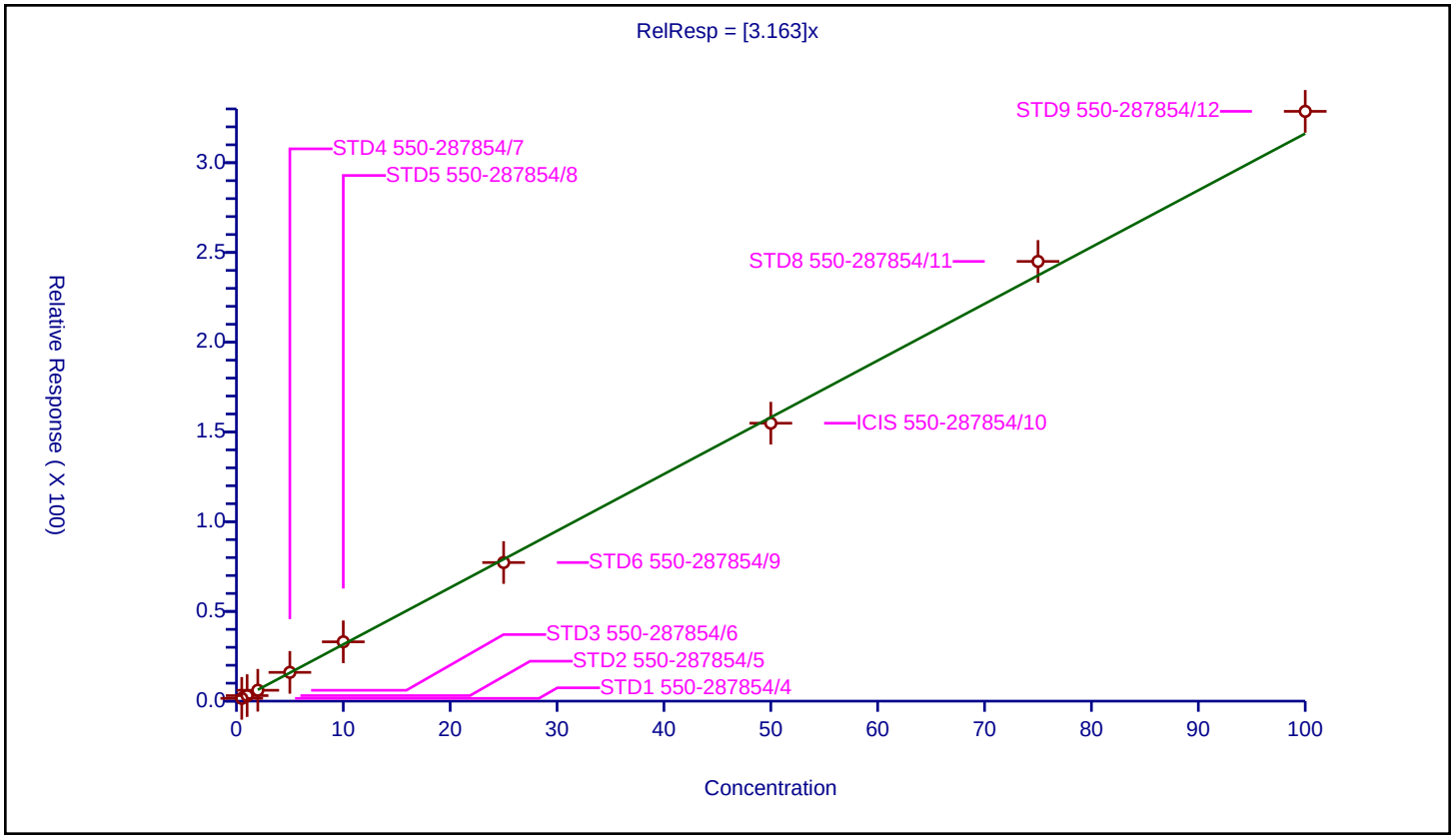
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

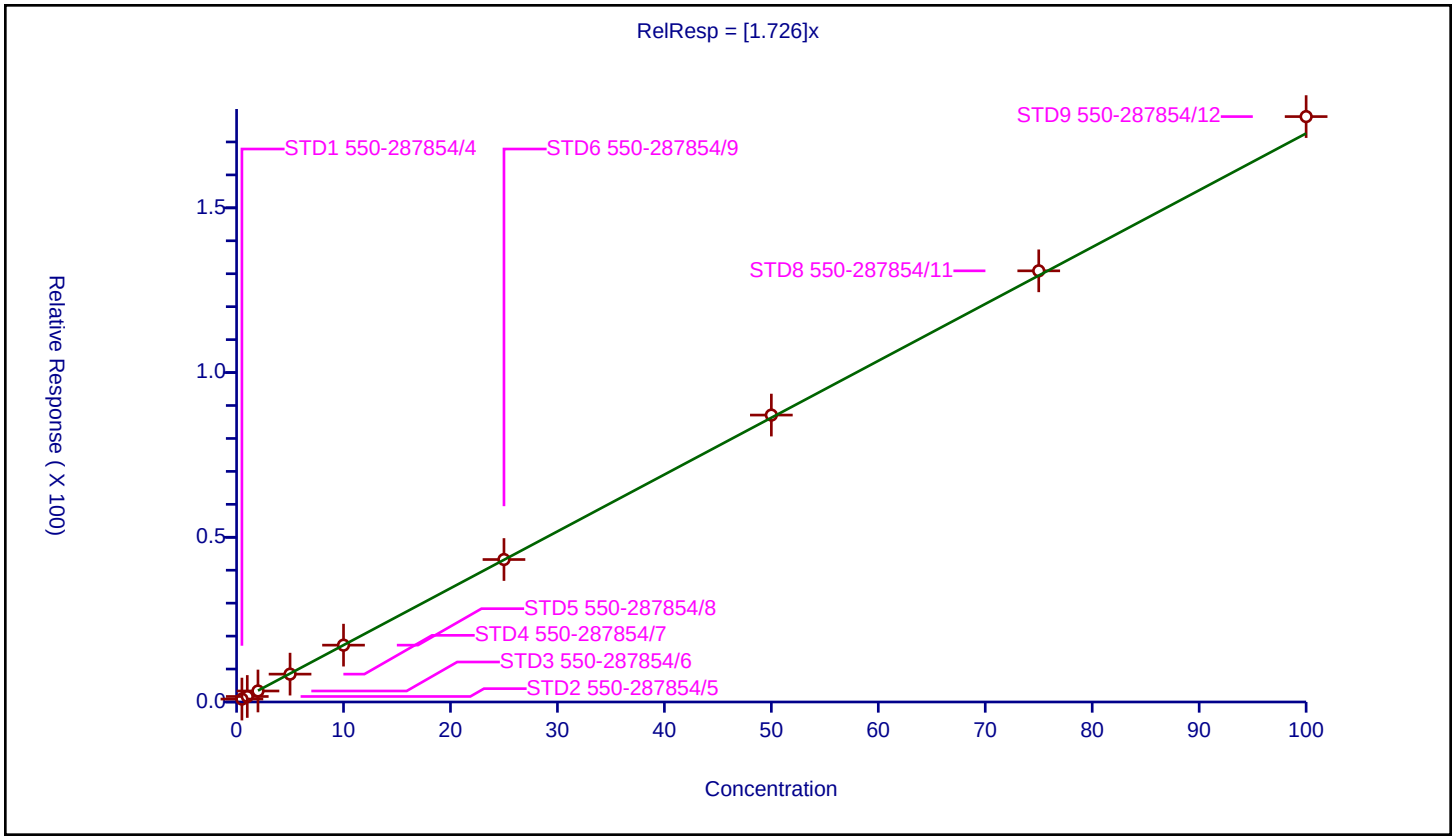
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

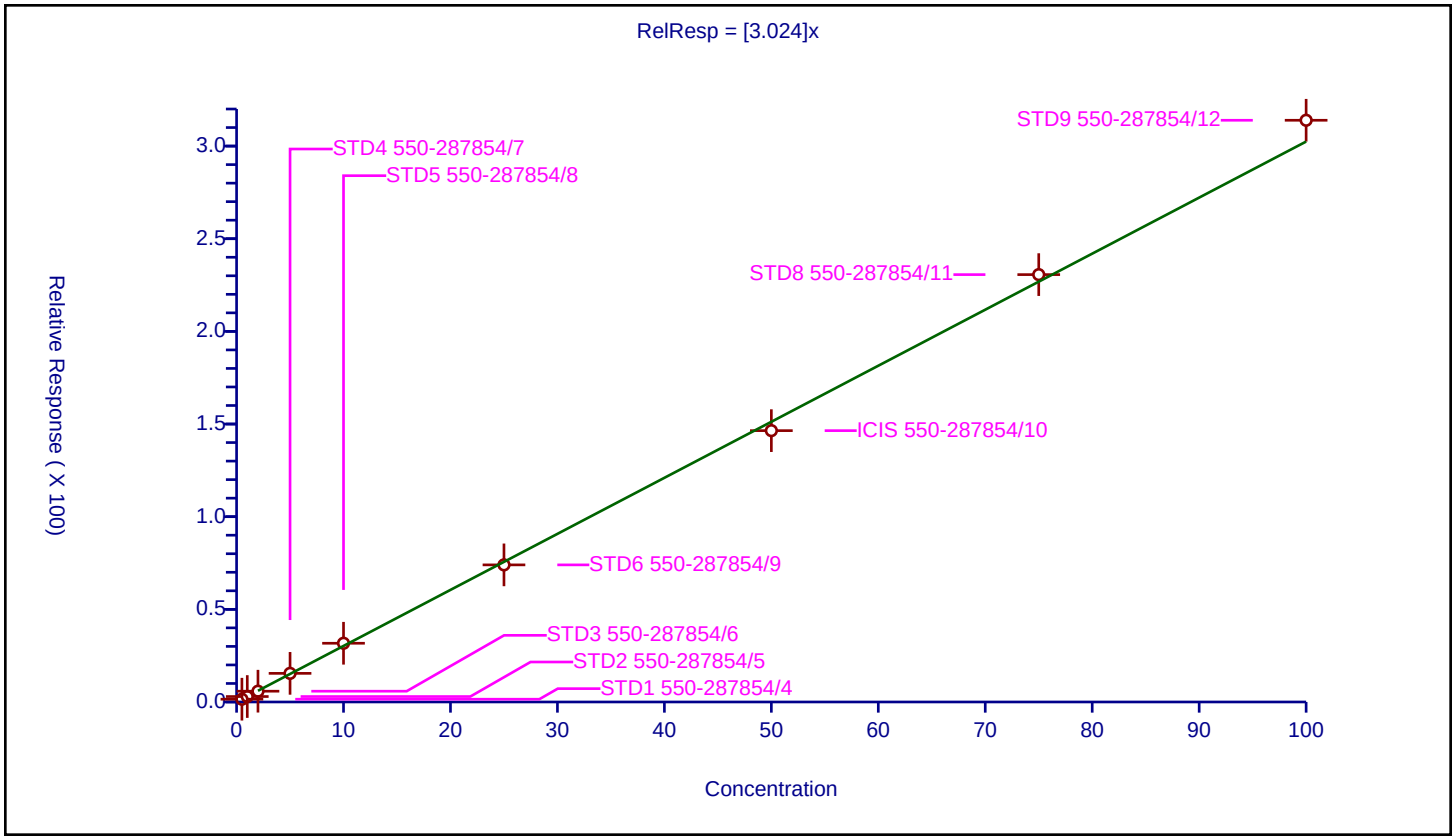
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

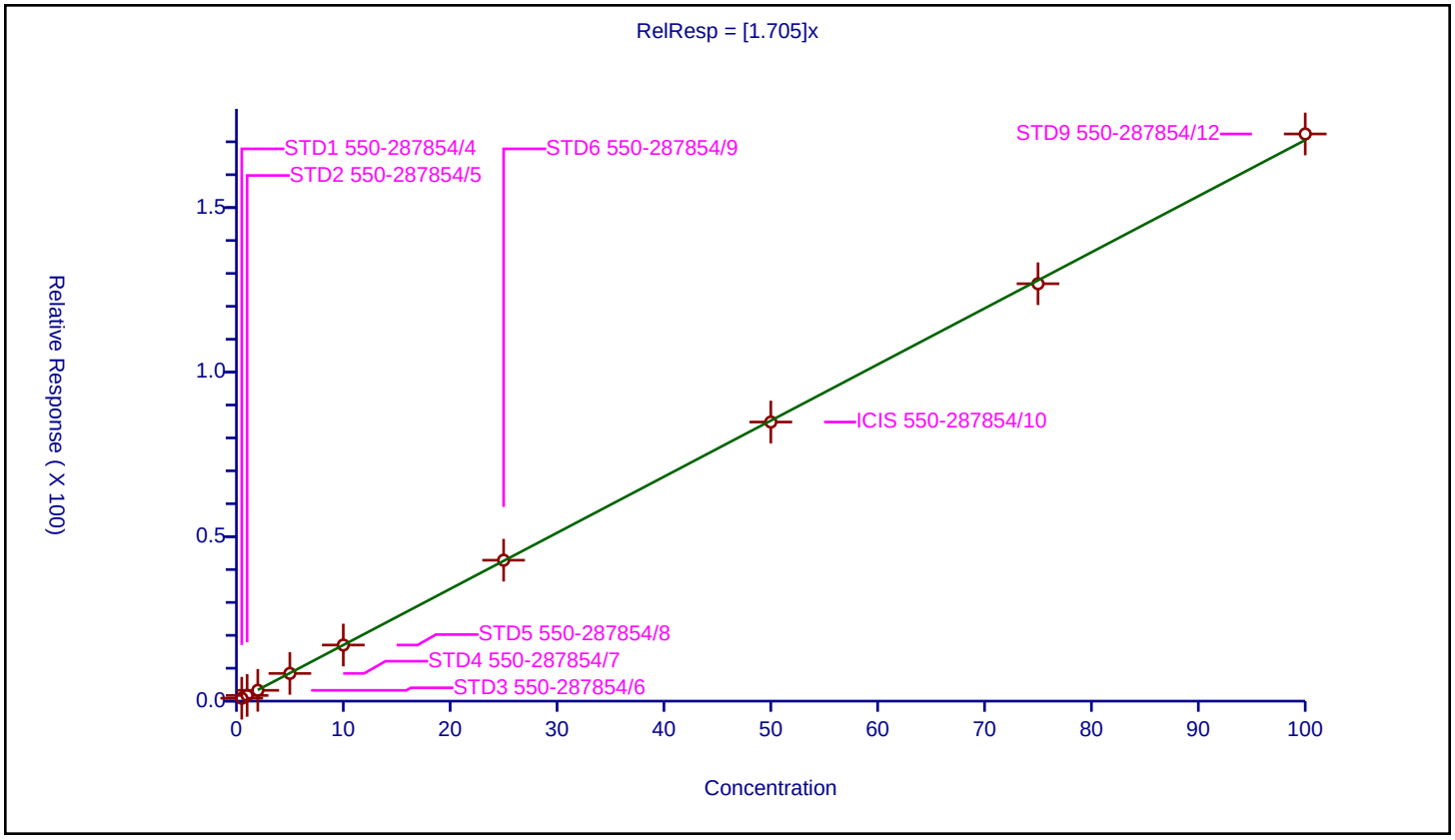
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

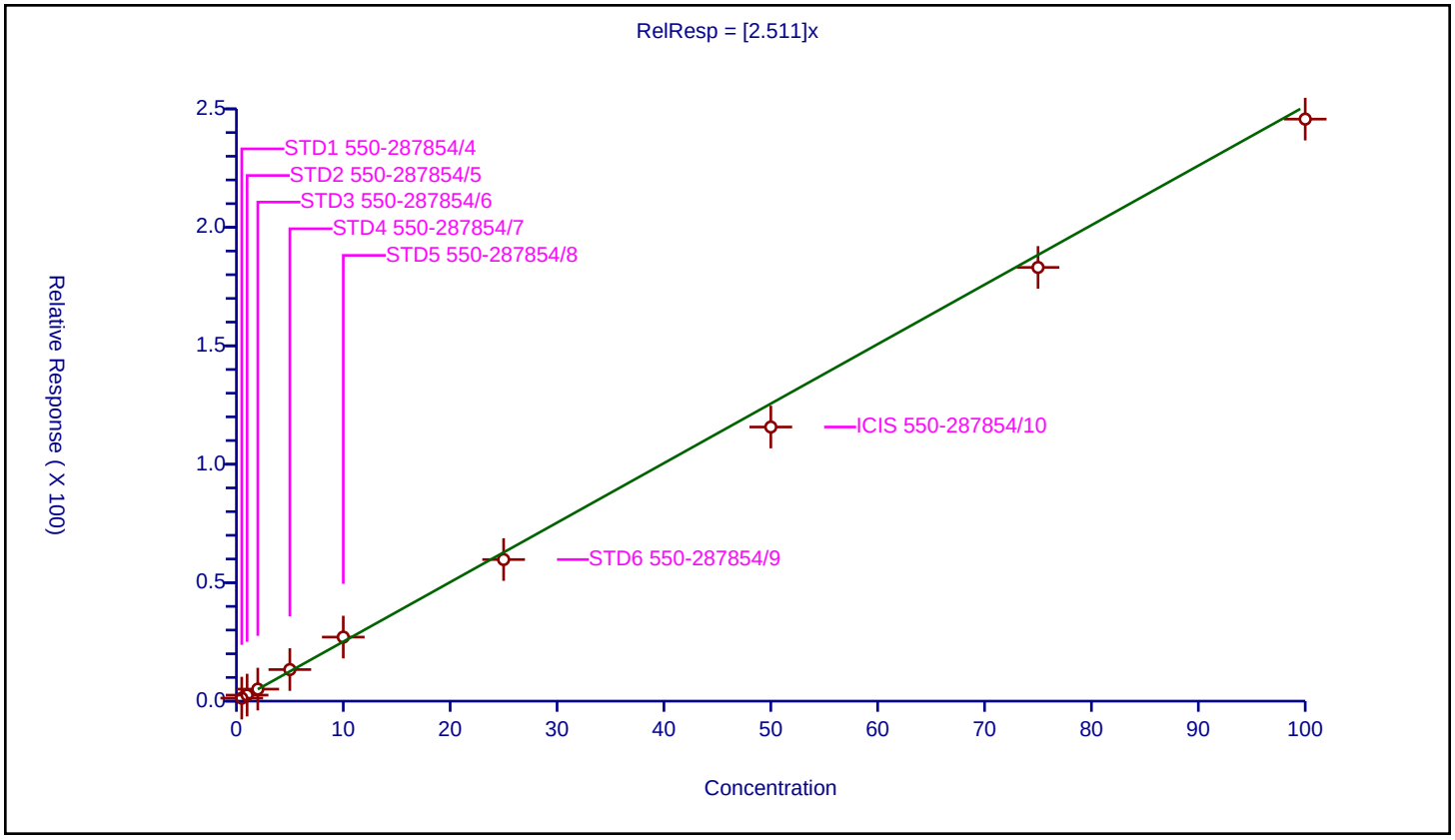
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

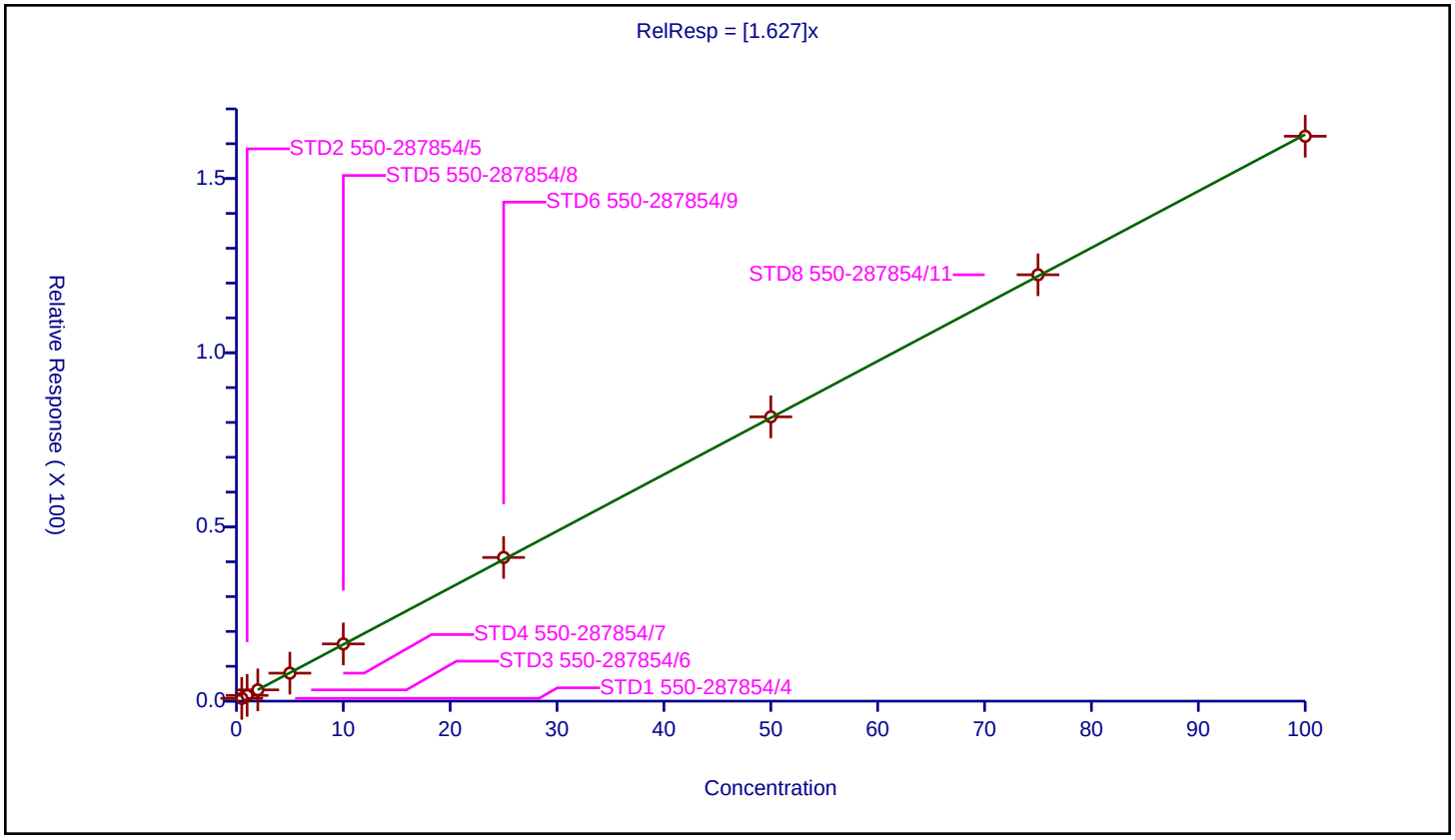
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

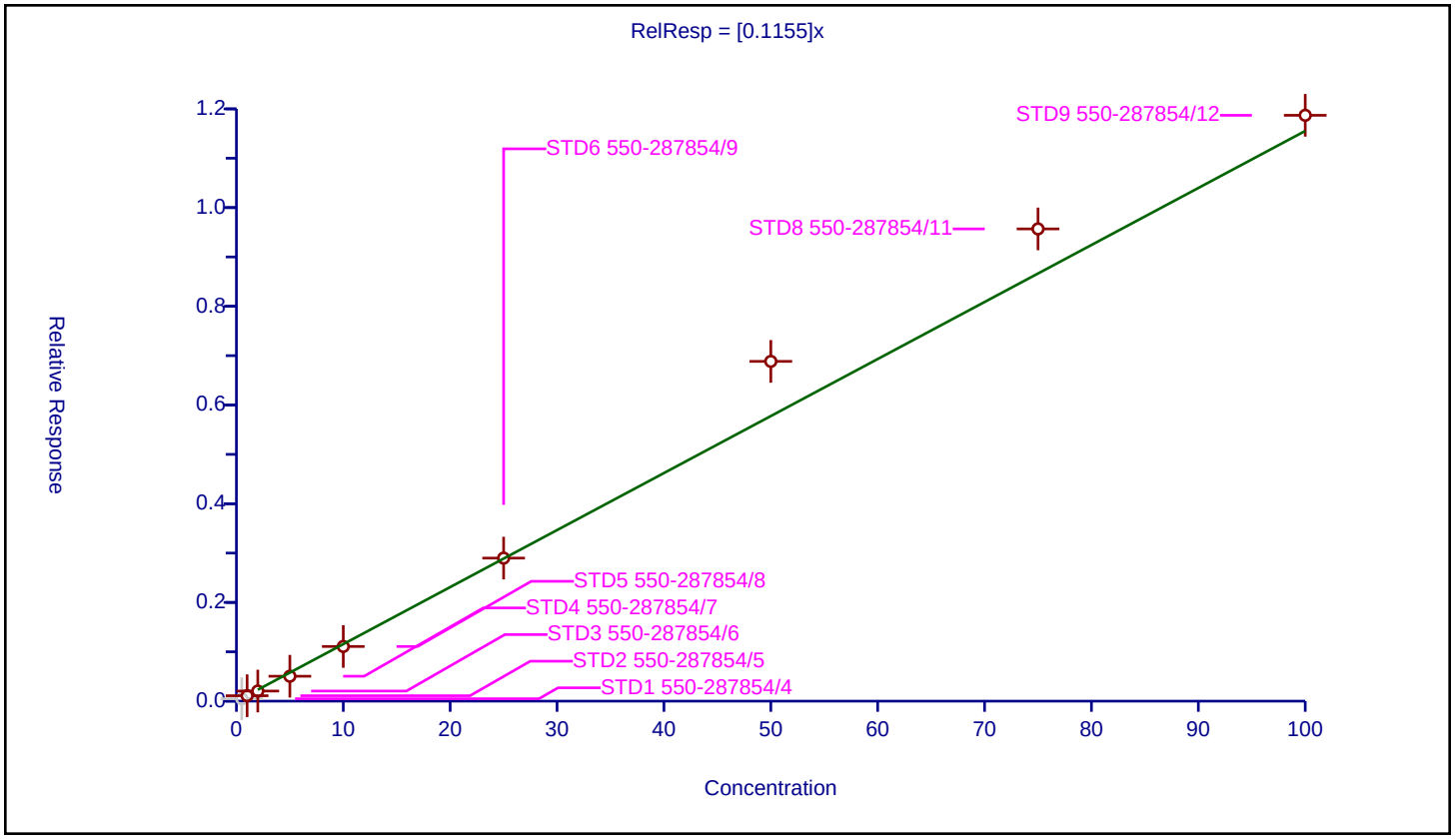
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

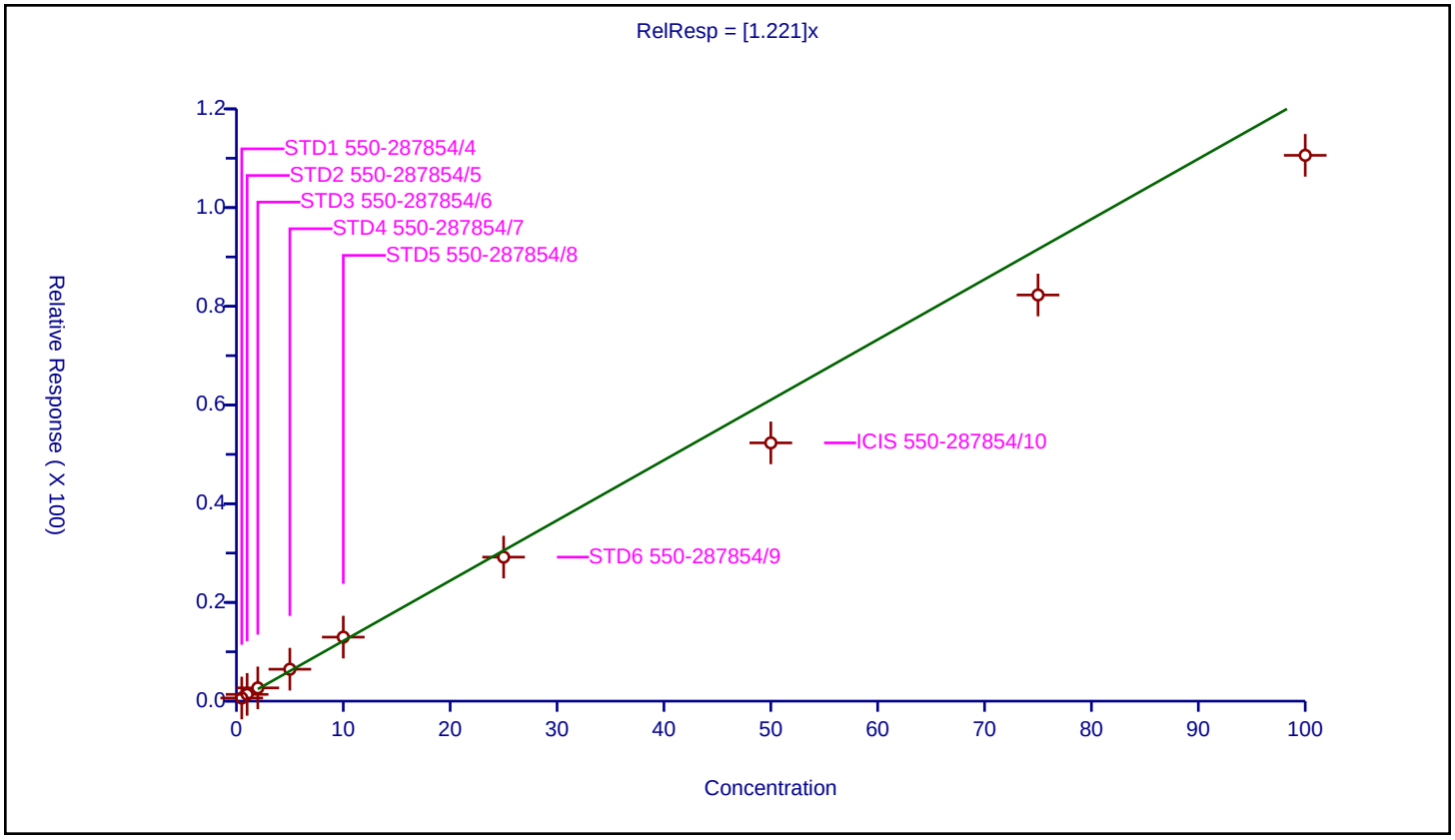
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

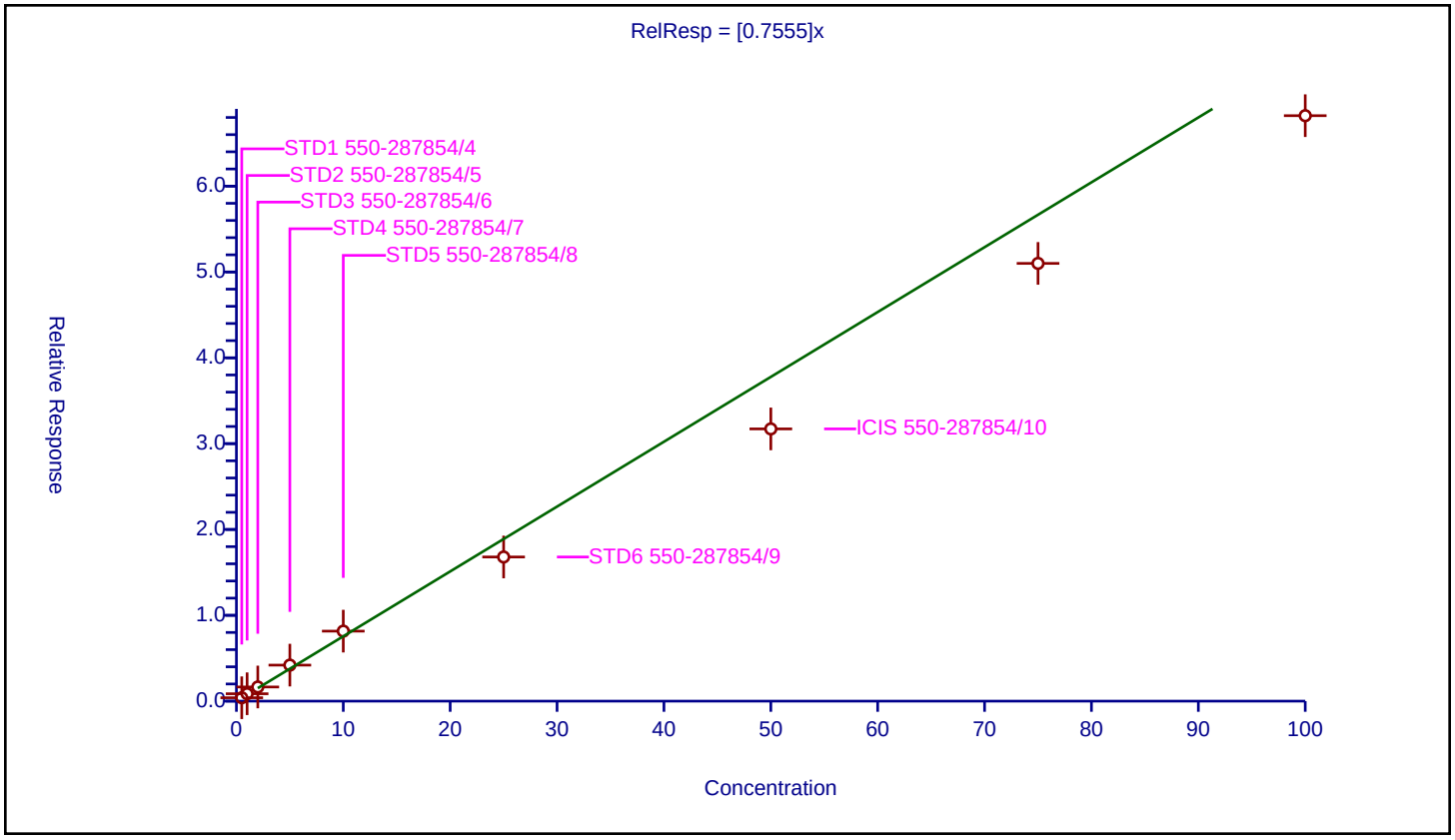
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

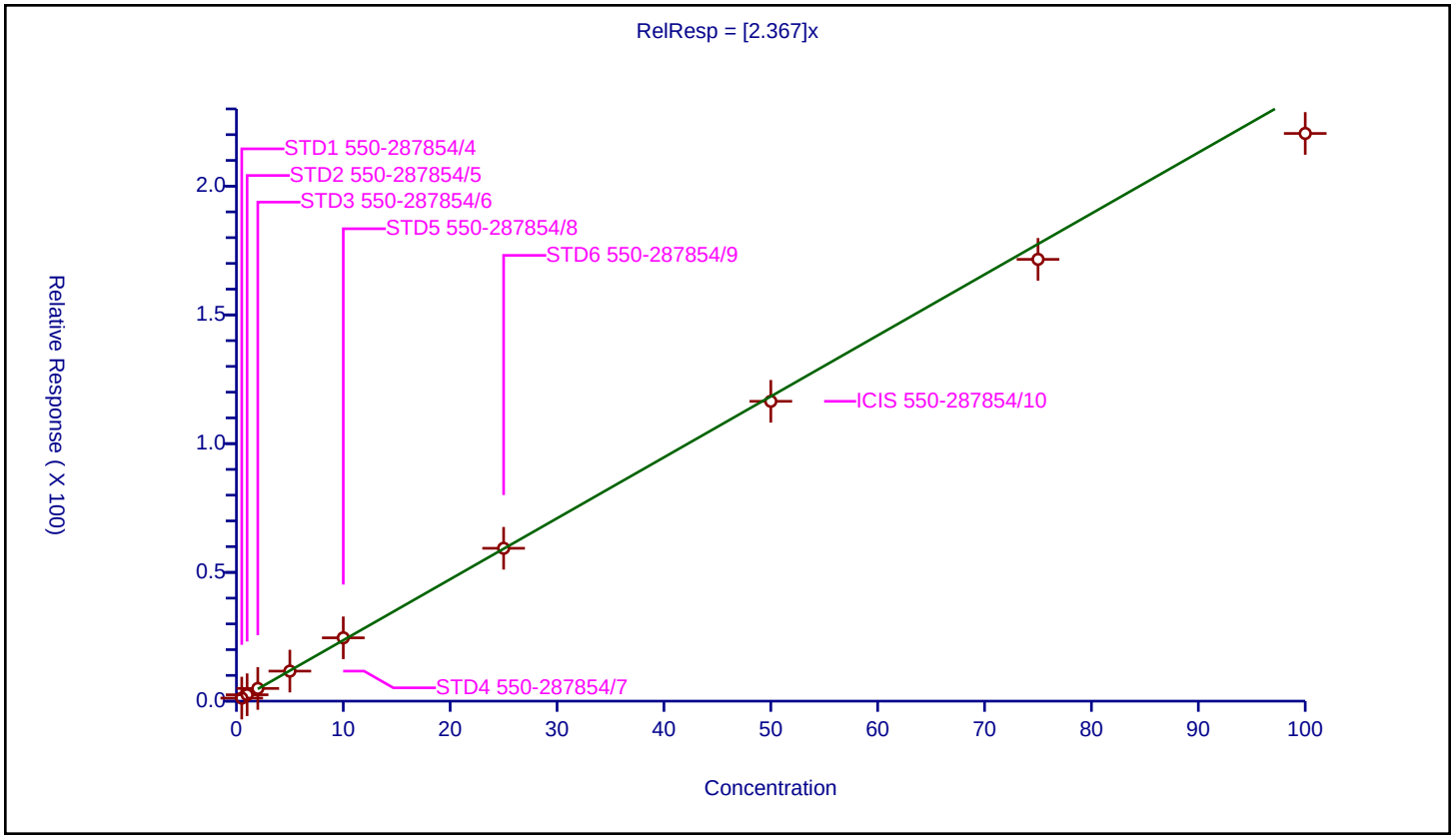
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

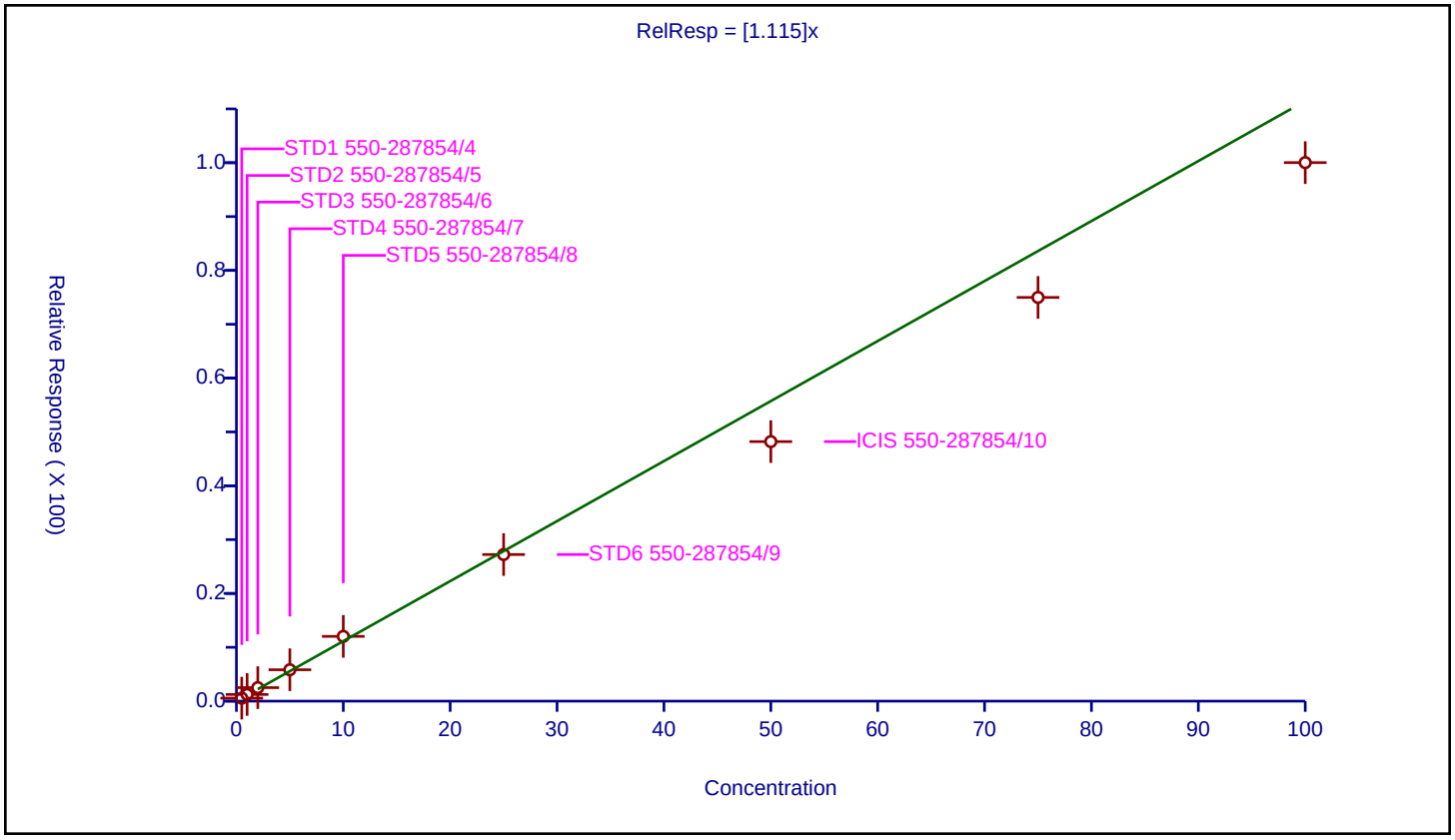
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288457/4	11112204.D
Level 2	STD2 550-288457/5	11112205.D
Level 3	STD3 550-288457/6	11112206.D
Level 4	STD4 550-288457/7	11112208.D
Level 5	STD5 550-288457/8	11112209.D
Level 6	STD6 550-288457/9	11112210.D
Level 7	ICIS 550-288457/10	11112211.D
Level 8	STD8 550-288457/11	11112212.D
Level 9	STD9 550-288457/12	11112213.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	0.1588 0.1800	0.1623 0.1790	0.1421 0.1643	0.1995 0.1632	0.2023	Ave		0.1724				11.4		15.0			
Dichlorodifluoromethane	0.2645 0.2795	0.3021 0.2749	0.2646 0.2525	0.3262 0.2510	0.3078	Ave		0.2803				9.4		15.0			
Chloromethane	0.3539 0.2969	0.3257 0.2910	0.3087 0.2746	0.3626 0.2681	0.3268	Ave		0.3120			0.1000	10.6		15.0			
Vinyl chloride	0.2664 0.2375	0.2447 0.2356	0.2405 0.2250	0.2886 0.2258	0.2750	Ave		0.2488				9.1		15.0			
Butadiene	0.2432 0.2506	0.2540 0.2459	0.2422 0.2326	0.2792 0.2312	0.2673	Ave		0.2496				6.3		15.0			
Bromomethane	0.1308 0.1401	0.1271 0.1295	0.1285 0.1119	0.1807 0.0897	0.1742	Qua	-0.017	0.1693	-0.000788			12.0			0.9990		0.9900
Chloroethane	+++++ 0.1583	0.1752 0.1444	0.1587 0.1327	0.1846 0.1274	0.1789	Ave		0.1575				13.6		15.0			
Trichlorofluoromethane	+++++ 0.3668	0.4084 0.3487	0.3549 0.3201	0.4194 0.3129	0.3902	Ave		0.3652				10.7		15.0			
Ethanol	0.0864 0.1339	0.1212 0.1314	0.1593 0.1403	0.1669 0.1396	0.1380	Lin1	-0.147	0.1384				15.1			0.9980		0.9900
1,1-Dichloroethene	0.2834 0.2591	0.2598 0.2488	0.2567 0.2312	0.3048 0.2204	0.2587	Ave		0.2581				9.7		15.0			
Acetone	+++++ 0.1261	+++++ 0.1172	+++++ 0.1084	0.1508 0.1017	0.1263	Ave		0.1217				14.1		15.0			
Freon 113	0.2612 0.2206	0.2320 0.2218	0.2267 0.2048	0.2447 0.2062	0.2484	Ave		0.2296				8.3		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.4550 0.4015	0.3958 0.3920	0.4147 0.3681	0.4576 0.3568	0.4078	Ave		0.4055				8.4		15.0			
Carbon disulfide	0.8981 0.8455	0.8222 0.8031	0.8365 0.7605	0.9338 0.7336	0.8514	Ave		0.8316				7.5		15.0			
Methylene Chloride	0.4519 0.2883	0.3596 0.2795	0.3374 0.2645	0.3299 0.2513	0.2976	Lin2	0.0874	0.2801				6.8			0.9950		0.9900
2-Methyl-2-propanol	1.2542 1.2919	1.4167 1.2738	1.4648 1.3793	1.5207 1.3527	1.3171	Lin2	-0.127	1.3745				6.9			0.9950		0.9900
trans-1,2-Dichloroethene	0.3148 0.3261	0.3455 0.3119	0.3159 0.2923	0.3528 0.2750	0.3171	Ave		0.3168				7.6		15.0			
Methyl tert-butyl ether	0.6743 0.6465	0.6384 0.6506	0.6920 0.5999	0.6796 0.6040	0.6785	Ave		0.6515				5.1		15.0			
Hexane	0.5235 0.4973	0.5143 0.4791	0.4932 0.4510	0.5219 0.4355	0.4975	Ave		0.4904				6.2		15.0			
1,1-Dichloroethane	0.6065 0.5647	0.5970 0.5426	0.5816 0.5074	0.6082 0.4859	0.5494	Ave		0.5604			0.1000	7.7		15.0			
Vinyl acetate	+++++ 0.0468	0.0484 0.0464	0.0431 0.0446	0.0438 0.0464	0.0432	Ave		0.0453				4.3		15.0			
Isopropyl ether	0.8772 0.8617	0.8512 0.8298	0.8850 0.7807	0.8867 0.7586	0.8842	Ave		0.8461				5.6		15.0			
Tert-butyl ethyl ether	0.7614 0.7630	0.8086 0.7619	0.7899 0.7107	0.8131 0.6995	0.8015	Ave		0.7677				5.3		15.0			
2-Butanone (MEK)	+++++ 0.0320	0.0329 0.0330	0.0391 0.0299	0.0301 0.0308	0.0340	Ave		0.0327				9.1		15.0			
cis-1,2-Dichloroethene	0.6026 0.5147	0.5666 0.4836	0.5364 0.4616	0.5717 0.4286	0.4943	Ave		0.5178				10.9		15.0			
2,2-Dichloropropane	0.4404 0.3996	0.4075 0.3813	0.3941 0.3558	0.4323 0.3508	0.4192	Ave		0.3979				7.9		15.0			
Chlorobromomethane	0.1605 0.1412	0.1585 0.1408	0.1435 0.1326	0.1549 0.1291	0.1396	Ave		0.1445				7.7		15.0			
Tetrahydrofuran	0.1354 0.0467	0.0873 0.0477	0.0787 0.0421	0.0524 0.0428	0.0523	Lin1	0.0503	0.0434				13.9			0.9970		0.9900
Chloroform	0.5770 0.5146	0.5474 0.4995	0.5338 0.4713	0.5469 0.4534	0.5136	Ave		0.5175				7.5		15.0			
1,1,1-Trichloroethane	0.4405 0.4023	0.4011 0.3906	0.4014 0.3645	0.4337 0.3546	0.4084	Ave		0.3997				7.0		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.5831 0.5101	0.5232 0.4753	0.5142 0.4475	0.5664 0.4289	0.4959	Ave		0.5050				10.0		15.0			
1,1-Dichloropropene	0.6875 0.6144	0.6916 0.5765	0.6066 0.5419	0.6762 0.5127	0.5708	Ave		0.6087				10.7		15.0			
Benzene	2.0988 1.7963	1.9664 1.6818	1.9080 1.5736	1.9999 1.4702	1.7266	Ave		1.8024				11.6		15.0			
1,2-Dichloroethane	0.5422 0.4733	0.5244 0.4581	0.5068 0.4383	0.5126 0.4172	0.4760	Ave		0.4832				8.6		15.0			
Tert-amyl methyl ether	1.1982 1.0884	1.0652 1.0457	1.1455 0.9729	1.1477 0.9448	1.0917	Ave		1.0778				7.6		15.0			
Trichloroethene	0.5221 0.4608	0.4904 0.4375	0.4743 0.4145	0.4864 0.3935	0.4369	Ave		0.4574				8.9		15.0			
1,2-Dichloropropane	0.4407 0.4052	0.4505 0.3933	0.4263 0.3776	0.4399 0.3649	0.3955	Ave		0.4104				7.4		15.0			
Dibromomethane	0.2148 0.2116	0.2401 0.2074	0.2200 0.1991	0.2230 0.1932	0.2084	Ave		0.2131				6.5		15.0			
Dichlorobromomethane	0.5740 0.5295	0.5448 0.5114	0.5452 0.4916	0.5553 0.4760	0.5100	Ave		0.5264				6.0		15.0			
2-Chloroethyl vinyl ether	0.1577 0.1487	0.1427 0.1537	0.1510 0.1502	0.1402 0.1525	0.1526	Ave		0.1499				3.6		15.0			
cis-1,3-Dichloropropene	0.6593 0.6315	0.6514 0.6216	0.6323 0.5990	0.6291 0.5876	0.6228	Ave		0.6261				3.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.3396 0.3112	0.3484 0.3139	0.3401 0.2908	0.3155 0.2847	0.3181	Ave		0.3180				6.8		15.0			
Toluene	1.0876 1.0245	1.0698 0.9772	1.0128 0.9239	1.0576 0.8826	0.9996	Ave		1.0040				6.7		15.0			
trans-1,3-Dichloropropene	0.5020 0.5012	0.5203 0.5025	0.5033 0.4849	0.4983 0.4815	0.4976	Ave		0.4991				2.2		15.0			
1,1,2-Trichloroethane	0.2619 0.2816	0.3062 0.2772	0.2959 0.2679	0.2802 0.2625	0.2794	Ave		0.2792				5.3		15.0			
Tetrachloroethene	0.3678 0.3547	0.3959 0.3456	0.3755 0.3258	0.3724 0.3081	0.3430	Ave		0.3543				7.6		15.0			
1,3-Dichloropropane	0.5165 0.4756	0.5280 0.4790	0.5114 0.4577	0.4743 0.4581	0.4863	Ave		0.4874				5.2		15.0			
Methyl n-butyl ketone (MNBK)	0.2121 0.1985	0.2122 0.2041	0.2169 0.1876	0.1956 0.1880	0.2120	Ave		0.2030				5.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3423 0.3157	0.3301 0.3156	0.3262 0.3098	0.3203 0.3033	0.3091	Ave		0.3191				3.8		15.0			
1,2-Dibromoethane	0.3101 0.2599	0.2987 0.2614	0.2787 0.2524	0.2600 0.2499	0.2717	Ave		0.2714				7.7		15.0			
Chlorobenzene	1.1000 0.9923	1.0681 0.9588	1.0216 0.9149	1.0300 0.8739	0.9935	Ave		0.9948			0.3000	7.2		15.0			
1,1,1,2-Tetrachloroethane	0.3455 0.3413	0.3386 0.3273	0.3414 0.3124	0.3599 0.3020	0.3382	Ave		0.3341				5.3		15.0			
Ethylbenzene	1.9766 1.7562	1.8538 1.6432	1.7516 1.5090	1.8680 1.4178	1.7549	Ave		1.7257				10.3		15.0			
m-Xylene & p-Xylene	1.4838 1.4769	1.4117 1.4496	1.3663 1.3887	1.4501 1.3985	1.4057	Ave		1.4257				2.9		15.0			
o-Xylene	1.4403 1.4486	1.4337 1.4094	1.3792 1.3457	1.4475 1.3345	1.3637	Ave		1.4003				3.2		15.0			
Styrene	2.1527 2.2427	2.1017 2.2150	2.0426 2.1159	2.1155 2.1252	2.1425	Ave		2.1393				2.8		15.0			
Bromoform	0.3521 0.3790	0.3420 0.3847	0.3492 0.3795	0.3519 0.3931	0.3634	Ave		0.3661			0.1000	5.0		15.0			
Isopropylbenzene	3.4533 3.7010	3.5065 3.4854	3.3533 3.2402	3.7241 3.1513	3.5687	Ave		3.4649				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.6915 0.6851	0.6921 0.6697	0.7155 0.6398	0.6750 0.6564	0.6667	Ave		0.6769			0.3000	3.3		15.0			
Bromobenzene	0.7761 0.7905	0.7566 0.7894	0.7840 0.7648	0.7848 0.7728	0.7586	Ave		0.7753				1.7		15.0			
trans-1,4-Dichloro-2-butene	0.1822 0.1676	0.1613 0.1670	0.1570 0.1596	0.1672 0.1624	0.1753	Lin2	0.0061	0.1640				4.5			0.9980		0.9900
1,2,3-Trichloropropane	0.2259 0.2030	0.2100 0.1973	0.2211 0.1869	0.1952 0.1911	0.2015	Ave		0.2036				6.5		15.0			
N-Propylbenzene	4.2516 4.2419	4.2323 3.9792	4.0166 3.6530	4.3700 3.4913	4.1360	Ave		4.0413				7.3		15.0			
2-Chlorotoluene	2.9714 2.8655	2.7797 2.7535	2.8020 2.5846	2.9530 2.5421	2.8019	Ave		2.7837				5.2		15.0			
1,3,5-Trimethylbenzene	2.8262 2.9869	2.7835 2.8175	2.7551 2.6627	3.0388 2.5966	2.8778	Ave		2.8161				5.0		15.0			
4-Chlorotoluene	2.5386 2.4095	2.4245 2.3559	2.3786 2.2527	2.4888 2.2025	2.3871	Ave		2.3820				4.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.2569 2.7044	2.4334 2.6211	2.3313 2.4620	2.6286 2.4432	2.5724	Ave		2.4948				5.9		15.0			
1,2,4-Trimethylbenzene	2.8706 2.9486	2.8083 2.8054	2.8496 2.6339	3.0477 2.5571	2.8607	Ave		2.8202				5.3		15.0			
sec-Butylbenzene	3.2871 3.5487	3.3646 3.3793	3.2089 3.1521	3.5898 3.0742	3.4745	Ave		3.3421				5.3		15.0			
1,3-Dichlorobenzene	1.7231 1.5456	1.6267 1.5124	1.5566 1.4356	1.6145 1.4087	1.5454	Ave		1.5521				6.2		15.0			
4-Isopropyltoluene	3.0108 3.2232	3.0376 3.0745	2.9683 2.8811	3.2956 2.7994	3.1765	Ave		3.0519				5.3		15.0			
1,4-Dichlorobenzene	1.7339 1.5183	1.6255 1.4845	1.6260 1.4131	1.6220 1.3820	1.5279	Ave		1.5481				7.3		15.0			
n-Butylbenzene	3.0787 2.9859	2.9390 2.8248	2.7938 2.6388	3.0855 2.5231	2.9150	Ave		2.8650				6.7		15.0			
1,2-Dichlorobenzene	1.6237 1.4604	1.5677 1.4113	1.4713 1.3439	1.5087 1.3332	1.4467	Ave		1.4630				6.5		15.0			
1,2-Dibromo-3-Chloropropane	0.1339 0.1228	0.1215 0.1280	0.1477 0.1167	0.1291 0.1211	0.1390	Ave		0.1289				7.7		15.0			
1,2,4-Trichlorobenzene	1.2789 1.0274	1.1439 1.0095	1.1215 0.9563	1.1206 0.9507	1.0565	Ave		1.0739				9.7		15.0			
Hexachlorobutadiene	0.5919 0.6004	0.6157 0.5904	0.6041 0.5787	0.6279 0.5891	0.6195	Ave		0.6020				2.7		15.0			
Naphthalene	2.5611 2.2739	2.5246 2.2668	2.4818 2.1292	2.4030 2.2134	2.3928	Ave		2.3607				6.3		15.0			
1,2,3-Trichlorobenzene	1.0710 0.9464	1.0623 0.9561	1.0536 0.9024	1.0554 0.9379	0.9883	Ave		0.9970				6.5		15.0			
Dibromofluoromethane (Surr)	0.2564 0.2481	0.2662 0.2423	0.2306 0.2241	0.2416 0.2203	0.2425	Ave		0.2413				6.1		15.0			
Toluene-d8 (Surr)	1.6576 1.4508	1.5529 1.3671	1.4214 1.2516	1.4155 1.1987	1.4214	Ave		1.4152				9.8		15.0			
4-Bromofluorobenzene (Surr)	1.3019 0.9439	1.0237 0.9362	0.8653 0.8827	0.8587 0.8984	0.9178	Lin2	0.1495	0.8781				6.9			0.9950		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288457/4	11112204.D
Level 2	STD2 550-288457/5	11112205.D
Level 3	STD3 550-288457/6	11112206.D
Level 4	STD4 550-288457/7	11112208.D
Level 5	STD5 550-288457/8	11112209.D
Level 6	STD6 550-288457/9	11112210.D
Level 7	ICIS 550-288457/10	11112211.D
Level 8	STD8 550-288457/11	11112212.D
Level 9	STD9 550-288457/12	11112213.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Ave	3813	7740	13845	44499	91743	0.500	1.00	2.00	5.00	10.0
			226288	446282	615409	795230		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	6349	14412	25790	72760	139628	0.500	1.00	2.00	5.00	10.0
			351385	685609	945641	1222631		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	8497	15535	30085	80870	148219	0.500	1.00	2.00	5.00	10.0
			373351	725814	1028515	1306239		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	6396	11670	23434	64368	124754	0.500	1.00	2.00	5.00	10.0
			298647	587648	842722	1099957		25.0	50.0	75.0	100	
Butadiene	FB	Ave	5839	12118	23599	62277	121252	0.500	1.00	2.00	5.00	10.0
			315044	613266	871173	1126151		25.0	50.0	75.0	100	
Bromomethane	FB	Qua	3139	6062	12523	40298	79007	0.500	1.00	2.00	5.00	10.0
			176104	322885	419217	437026		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	+++++	8359	15464	41168	81136	+++++	1.00	2.00	5.00	10.0
			199018	360176	497088	620701		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	+++++	19481	34590	93541	176993	+++++	1.00	2.00	5.00	10.0
			461267	869500	1198584	1524148		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	1020	2731	8321	15986	32302	10.0	20.0	40.0	100	200
			77961	159970	210417	283680		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	6803	12394	25016	67973	117350	0.500	1.00	2.00	5.00	10.0
			325791	620343	865765	1073827		25.0	50.0	75.0	100	
Acetone	CBNZ d5	Ave	+++++	+++++	+++++	21510	40156	+++++	+++++	+++++	5.00	10.0
			106472	202316	279700	347721		25.0	50.0	75.0	100	
Freon 113	FB	Ave	6271	11068	22092	54579	112690	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193489-1 Analy Batch No.: 288457

SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			277436	553200	766834	1004675		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	10924 504787	18881 977586	40417 1378460	102051 1738450	184963	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	21562 1063118	39221 2002855	81520 2847792	208261 3573638	386219	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin2	10849 362458	17153 697032	32877 990427	73574 1224476	134975	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3700 188099	7980 387698	19124 516992	36416 687347	77061	2.50 125	5.00 250	10.0 375	25.0 500	50.0
trans-1,2-Dichloroethene	FB	Ave	7557 410012	16481 777699	30789 1094622	78678 1339576	143847	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methyl tert-butyl ether	FB	Ave	16188 812882	30453 1622364	67435 2246384	151582 2942332	307767	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	12568 625306	24532 1194858	48067 1688930	116398 2121650	225680	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	14561 710058	28477 1353085	56676 1900325	135648 2366944	249201	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	+++++ 58861	2309 115589	4196 166835	9762 225815	19590	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	21059 1083458	40604 2069445	86251 2923519	197767 3695580	401078	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	18279 959446	38572 1900079	76978 2661585	181345 3407709	363584	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 40273	1569 82337	3815 112076	6718 150200	15423	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	9211 434731	17445 834702	34557 1191216	81562 1465202	157159	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10573 502489	19436 951000	38405 1332370	96412 1708888	190134	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3853 177584	7562 351023	13984 496411	34554 628743	63341	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	2070 39437	2687 82365	5073 108730	7479 146437	16638	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

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SDG No.:

Instrument ID: GCMS25 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2022 12:22 Calibration End Date: 11/11/2022 16:25 Calibration ID: 24382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	13851 647119	26111 1245730	52024 1765066	121986 2208809	232990	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	10575 505913	19131 974051	39117 1365182	96722 1727588	185240	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	8914 430785	16108 820422	33127 1155015	80797 1466305	157662	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	10509 518895	21291 995037	39082 1398550	96466 1752624	181470	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	32083 1517050	60540 2902905	122919 4061082	285289 5026214	548951	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	8289 399720	16143 790745	32653 1131187	73126 1426221	151337	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	18316 919217	32794 1804918	73799 2510832	163720 3229966	347080	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7981 389190	15097 755206	30559 1069711	69386 1345199	138899	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	6737 342207	13870 678932	27464 974583	62752 1247459	125748	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3284 178750	7392 358003	14171 513784	31812 660351	66258	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	8774 447205	16772 882697	35124 1268785	79212 1627357	162130	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2410 125615	4393 265254	9731 387598	20000 521354	48528	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	10078	20055	40735	89737	198022	0.500	1.00	2.00	5.00	10.0

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ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			533369	1072895	1545895	2008765		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	5191	10726	21909	45003	101149	0.500	1.00	2.00	5.00	10.0
			262825	541759	750557	973379		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16626	32936	65250	150864	317816	0.500	1.00	2.00	5.00	10.0
			865217	1686755	2384524	3017241		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	7674	16018	32425	71084	158207	0.500	1.00	2.00	5.00	10.0
			423311	867413	1251364	1646222		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4004	9426	19066	39967	88839	0.500	1.00	2.00	5.00	10.0
			237815	478445	691409	897506		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	5623	12188	24192	53129	109039	0.500	1.00	2.00	5.00	10.0
			299547	596477	840913	1053231		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7896	16255	32944	67667	154615	0.500	1.00	2.00	5.00	10.0
			401664	826777	1181264	1566037		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	3242	6532	13973	27905	67405	0.500	1.00	2.00	5.00	10.0
			167663	352337	484252	642671		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5232	10163	21016	45689	98279	0.500	1.00	2.00	5.00	10.0
			266632	544674	799498	1036891		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	4741	9195	17956	37094	86369	0.500	1.00	2.00	5.00	10.0
			219495	451113	651471	854433		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	16815	32884	65818	146929	315849	0.500	1.00	2.00	5.00	10.0
			838070	1654857	2361316	2987490		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5282	10423	21997	51340	107524	0.500	1.00	2.00	5.00	10.0
			288238	564992	806166	1032335		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	30215	57071	112847	266483	557936	0.500	1.00	2.00	5.00	10.0

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			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1483208	2836242	3894545	4847148		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	11627 594612	21933 1176382	44972 1652945	104521 2113829	223190	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
o-Xylene	DCBd 4	Ave	11286 583195	22274 1143751	45398 1601769	104337 2017093	216524	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Styrene	DCBd 4	Ave	16868 902908	32653 1797549	67235 2518404	152486 3212209	340180	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromoform	DCBd 4	Ave	2759 152588	5313 312167	11494 451751	25368 594174	57702	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropylbenzene	DCBd 4	Ave	27059 1490008	54478 2828488	110378 3856690	268428 4763162	566635	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5418 275824	10752 543499	23553 761564	48650 992179	105853	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromobenzene	DCBd 4	Ave	6081 318264	11755 640640	25805 910324	56566 1168025	120456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin2	1428 67489	2506 135487	5168 189967	12054 245484	27837	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	1770 81745	3263 160089	7279 222464	14070 288836	31994	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
N-Propylbenzene	DCBd 4	Ave	33314 1707793	65755 3229244	132211 4347980	314985 5277089	656711	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chlorotoluene	DCBd 4	Ave	23283 1153643	43186 2234557	92231 3076272	212847 3842462	444890	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	22145	43245	90688	219031	456930	0.500	1.00	2.00	5.00	10.0

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			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1202500	2286494	3169299	3924802		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	19892	37668	78294	179391	379019	0.500	1.00	2.00	5.00	10.0
			970076	1911913	2681253	3329027		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	17684	37807	76737	189470	408451	0.500	1.00	2.00	5.00	10.0
			1088775	2127115	2930397	3692883		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	22493	43631	93797	219677	454217	0.500	1.00	2.00	5.00	10.0
			1187115	2276636	3134976	3865040		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	25757	52274	105625	258752	551685	0.500	1.00	2.00	5.00	10.0
			1428697	2742369	3751775	4646599		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	13502	25273	51237	116373	245381	0.500	1.00	2.00	5.00	10.0
			622255	1227365	1708763	2129231		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	23592	47193	97705	237547	504360	0.500	1.00	2.00	5.00	10.0
			1297658	2495076	3429197	4231243		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	13586	25254	53523	116916	242599	0.500	1.00	2.00	5.00	10.0
			611252	1204729	1681886	2088884		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	24124	45661	91962	222397	462839	0.500	1.00	2.00	5.00	10.0
			1202115	2292423	3140802	3813745		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	12723	24356	48429	108743	229698	0.500	1.00	2.00	5.00	10.0
			587944	1145314	1599607	2015080		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1049	1888	4863	9308	22073	0.500	1.00	2.00	5.00	10.0
			49431	103868	138932	183051		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	10021	17772	36915	80775	167753	0.500	1.00	2.00	5.00	10.0
			413646	819224	1138285	1436949		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	4638	9566	19885	45259	98362	0.500	1.00	2.00	5.00	10.0

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			241727	479123	688786	890501		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	20068	39224	81691	173207	379928	0.500	1.00	2.00	5.00	10.0
			915481	1839541	2534226	3345516		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	8392	16504	34681	76074	156917	0.500	1.00	2.00	5.00	10.0
			381016	775940	1074046	1417632		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	4925	10157	17982	43115	87987	0.400	0.800	1.60	4.00	8.00
			249583	483332	671303	858440		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	20271	38248	73259	161540	361535	0.400	0.800	1.60	4.00	8.00
			980198	1887726	2584162	3278371		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Lin2	8161	12724	22786	49517	116588	0.400	0.800	1.60	4.00	8.00
			304021	607801	840483	1086313		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

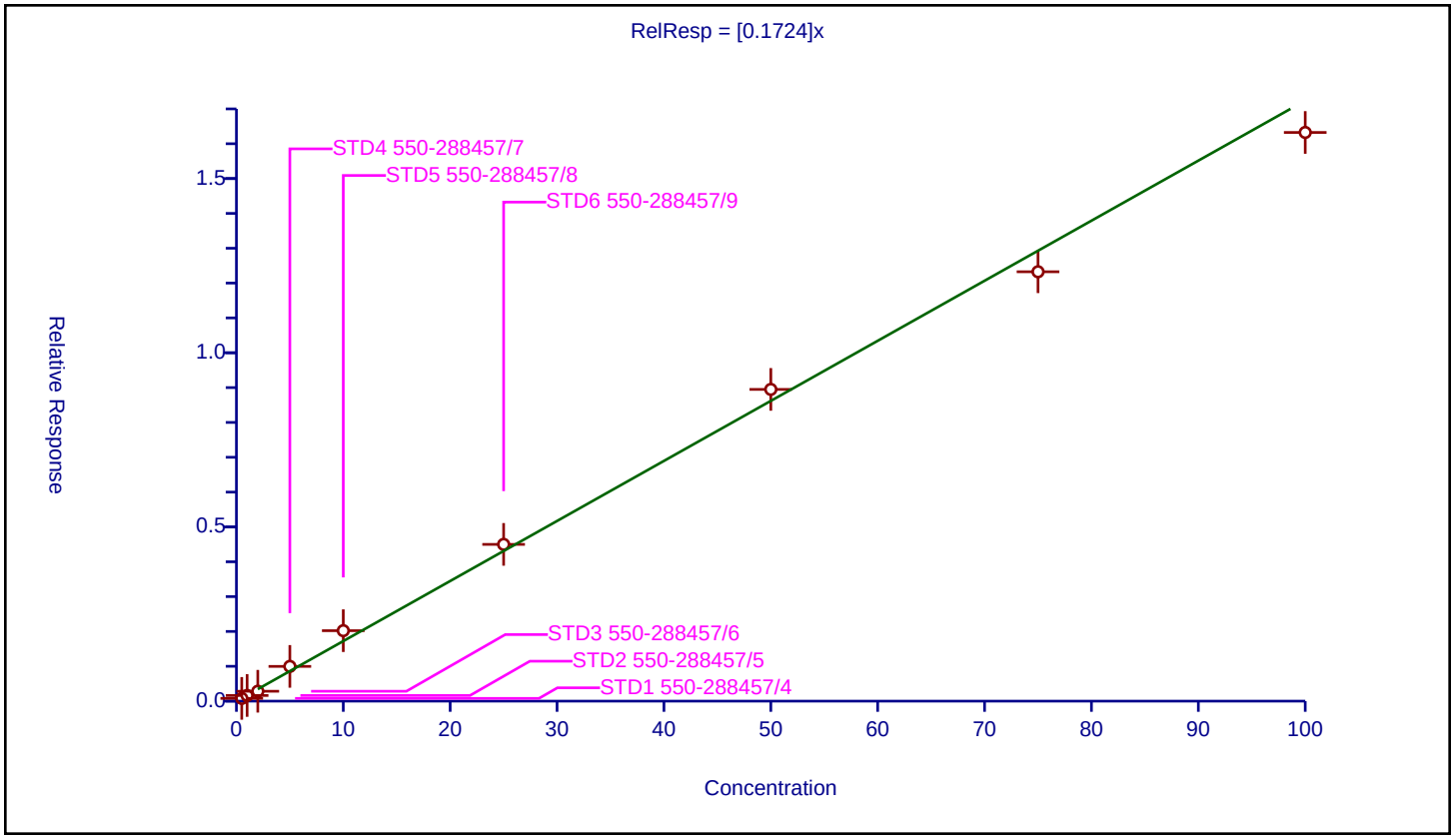
Curve Coefficients

Intercept:	0
Slope:	0.1724

Error Coefficients

Standard Error:	399000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.079414	25.0	1200357.0	0.158828	Y
2	STD2 550-288457/5	1.0	0.162265	25.0	1192497.0	0.162265	Y
3	STD3 550-288457/6	2.0	0.284131	25.0	1218189.0	0.142065	Y
4	STD4 550-288457/7	5.0	0.997592	25.0	1115160.0	0.199518	Y
5	STD5 550-288457/8	10.0	2.022514	25.0	1134022.0	0.202251	Y
6	STD6 550-288457/9	25.0	4.499136	25.0	1257397.0	0.179965	Y
7	ICIS 550-288457/10	50.0	8.947859	25.0	1246896.0	0.178957	Y
8	STD8 550-288457/11	75.0	12.32507	25.0	1248287.0	0.164334	Y
9	STD9 550-288457/12	100.0	16.323527	25.0	1217920.0	0.163235	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

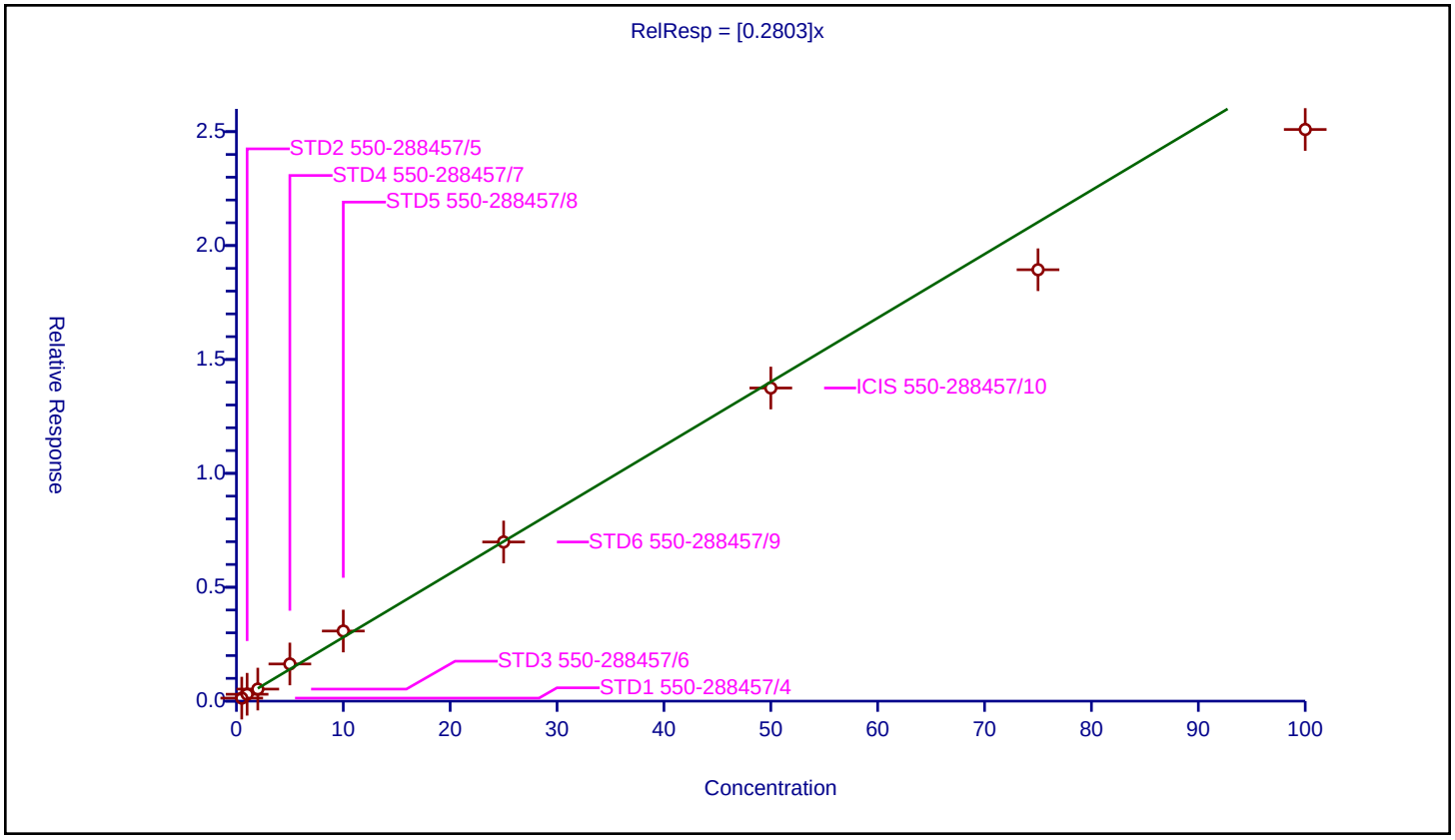
Curve Coefficients

Intercept:	0
Slope:	0.2803

Error Coefficients

Standard Error:	613000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.132231	25.0	1200357.0	0.264463	Y
2	STD2 550-288457/5	1.0	0.302139	25.0	1192497.0	0.302139	Y
3	STD3 550-288457/6	2.0	0.529269	25.0	1218189.0	0.264635	Y
4	STD4 550-288457/7	5.0	1.631156	25.0	1115160.0	0.326231	Y
5	STD5 550-288457/8	10.0	3.078159	25.0	1134022.0	0.307816	Y
6	STD6 550-288457/9	25.0	6.986358	25.0	1257397.0	0.279454	Y
7	ICIS 550-288457/10	50.0	13.746315	25.0	1246896.0	0.274926	Y
8	STD8 550-288457/11	75.0	18.938774	25.0	1248287.0	0.252517	Y
9	STD9 550-288457/12	100.0	25.096702	25.0	1217920.0	0.250967	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

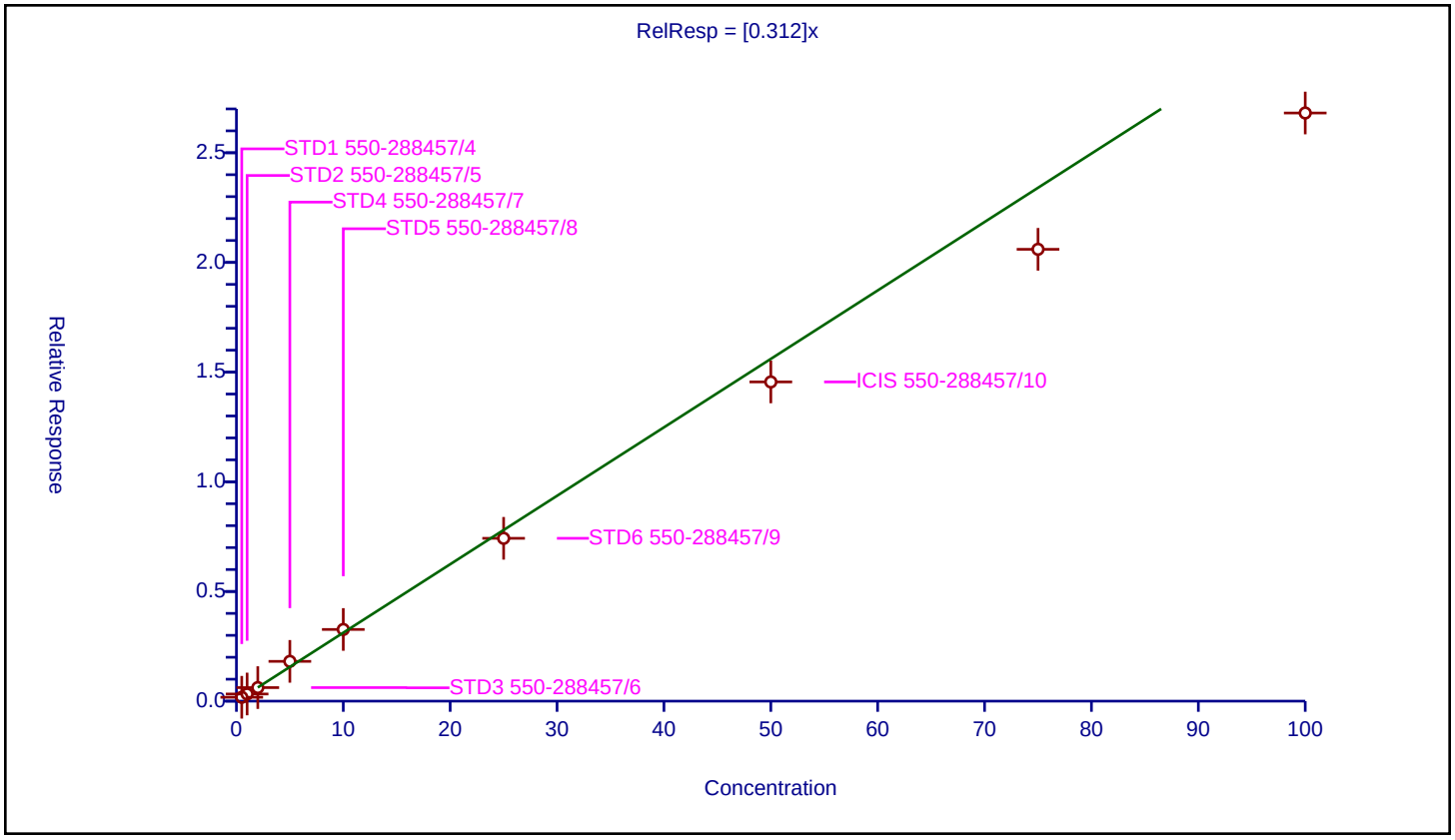
Curve Coefficients

Intercept:	0
Slope:	0.312

Error Coefficients

Standard Error:	658000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.176968	25.0	1200357.0	0.353936	Y
2	STD2 550-288457/5	1.0	0.325682	25.0	1192497.0	0.325682	Y
3	STD3 550-288457/6	2.0	0.617412	25.0	1218189.0	0.308706	Y
4	STD4 550-288457/7	5.0	1.812969	25.0	1115160.0	0.362594	Y
5	STD5 550-288457/8	10.0	3.267551	25.0	1134022.0	0.326755	Y
6	STD6 550-288457/9	25.0	7.423093	25.0	1257397.0	0.296924	Y
7	ICIS 550-288457/10	50.0	14.552417	25.0	1246896.0	0.291048	Y
8	STD8 550-288457/11	75.0	20.598528	25.0	1248287.0	0.274647	Y
9	STD9 550-288457/12	100.0	26.812906	25.0	1217920.0	0.268129	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

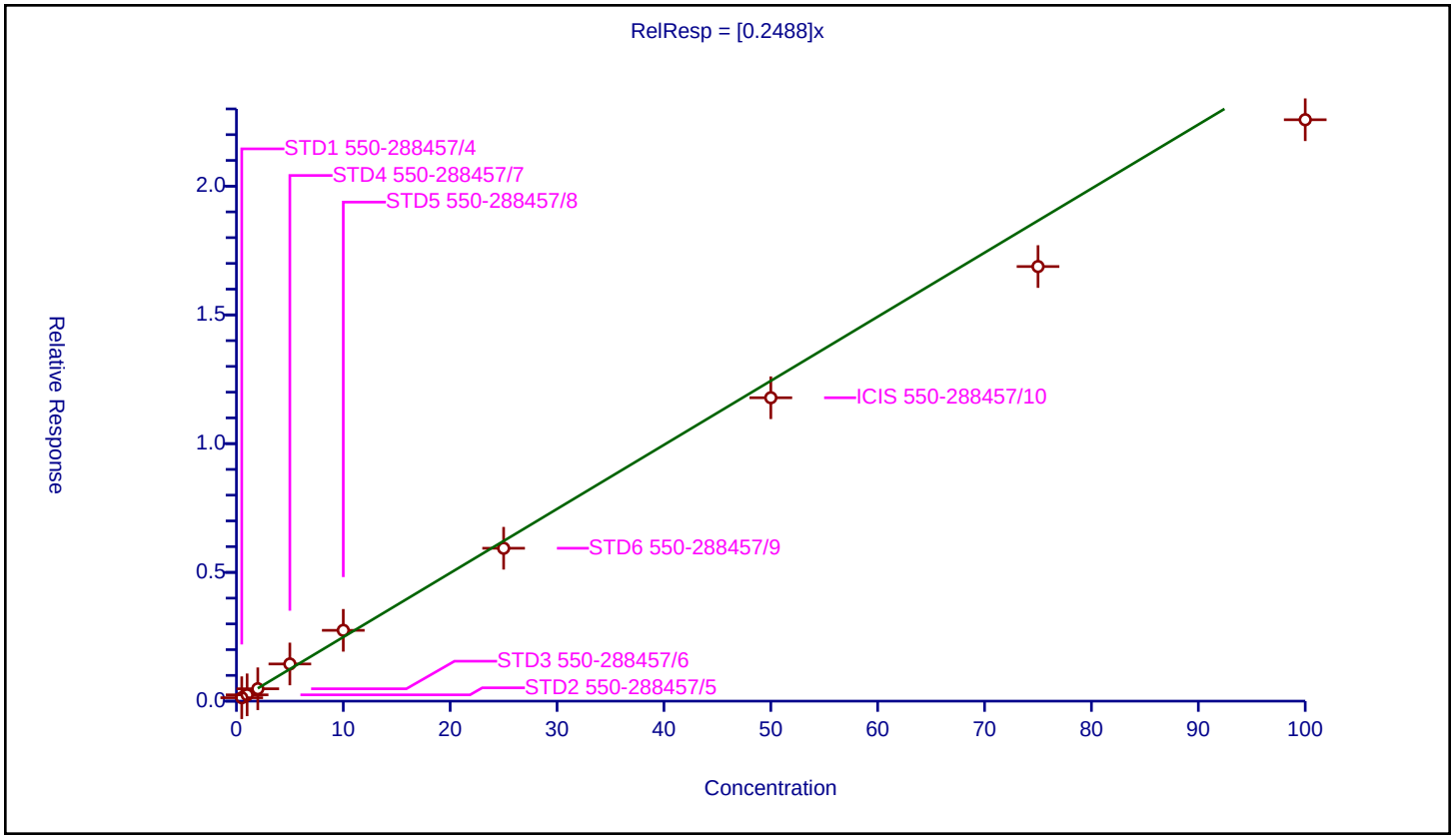
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Standard Error:	545000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.13321	25.0	1200357.0	0.266421	Y
2	STD2 550-288457/5	1.0	0.244655	25.0	1192497.0	0.244655	Y
3	STD3 550-288457/6	2.0	0.480919	25.0	1218189.0	0.240459	Y
4	STD4 550-288457/7	5.0	1.443022	25.0	1115160.0	0.288604	Y
5	STD5 550-288457/8	10.0	2.750255	25.0	1134022.0	0.275026	Y
6	STD6 550-288457/9	25.0	5.937802	25.0	1257397.0	0.237512	Y
7	ICIS 550-288457/10	50.0	11.782218	25.0	1246896.0	0.235644	Y
8	STD8 550-288457/11	75.0	16.877569	25.0	1248287.0	0.225034	Y
9	STD9 550-288457/12	100.0	22.578597	25.0	1217920.0	0.225786	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

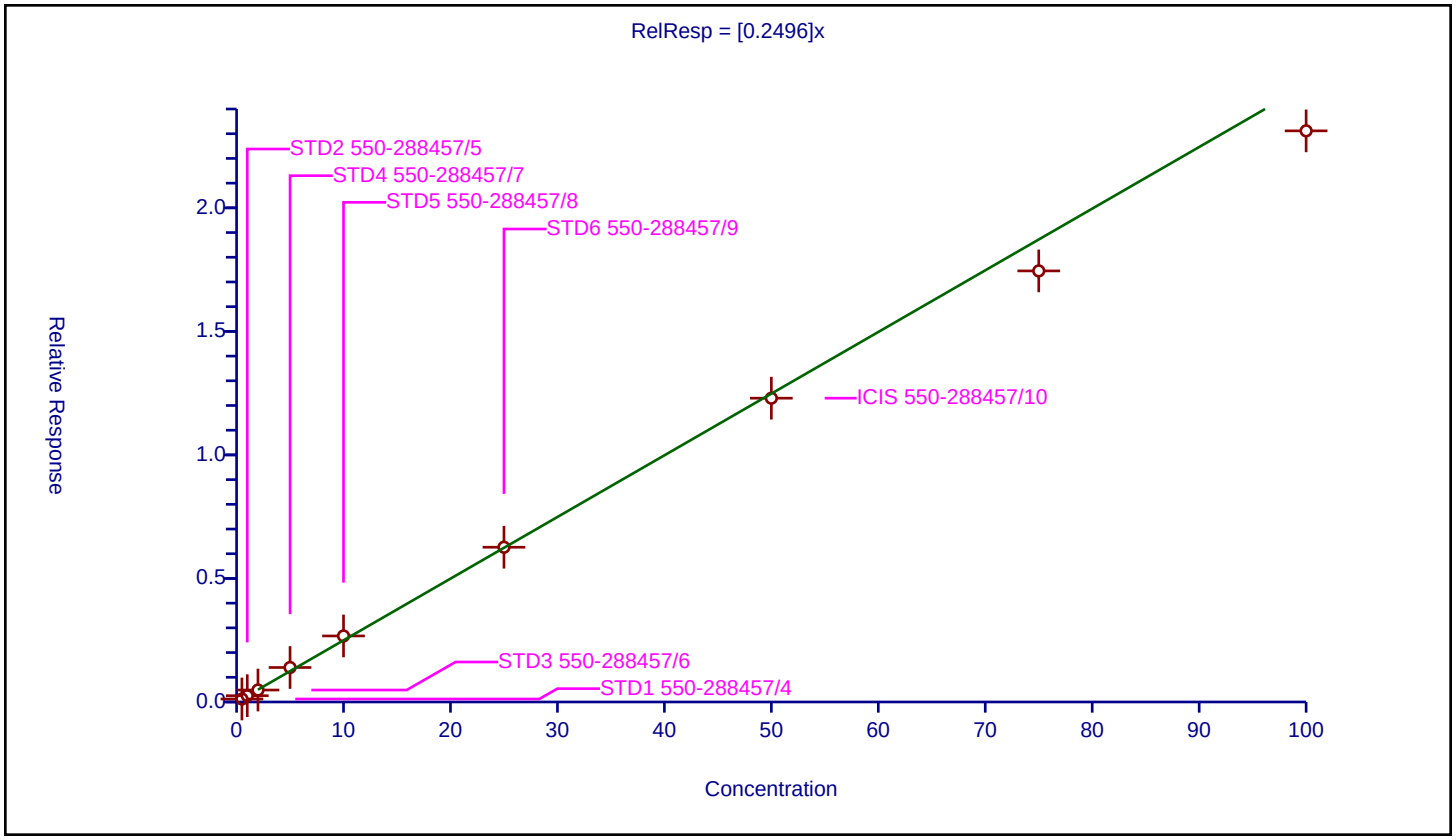
Curve Coefficients

Intercept:	0
Slope:	0.2496

Error Coefficients

Standard Error:	561000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.12161	25.0	1200357.0	0.243219	Y
2	STD2 550-288457/5	1.0	0.254047	25.0	1192497.0	0.254047	Y
3	STD3 550-288457/6	2.0	0.484305	25.0	1218189.0	0.242152	Y
4	STD4 550-288457/7	5.0	1.396145	25.0	1115160.0	0.279229	Y
5	STD5 550-288457/8	10.0	2.673052	25.0	1134022.0	0.267305	Y
6	STD6 550-288457/9	25.0	6.263813	25.0	1257397.0	0.250553	Y
7	ICIS 550-288457/10	50.0	12.295853	25.0	1246896.0	0.245917	Y
8	STD8 550-288457/11	75.0	17.44737	25.0	1248287.0	0.232632	Y
9	STD9 550-288457/12	100.0	23.116276	25.0	1217920.0	0.231163	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

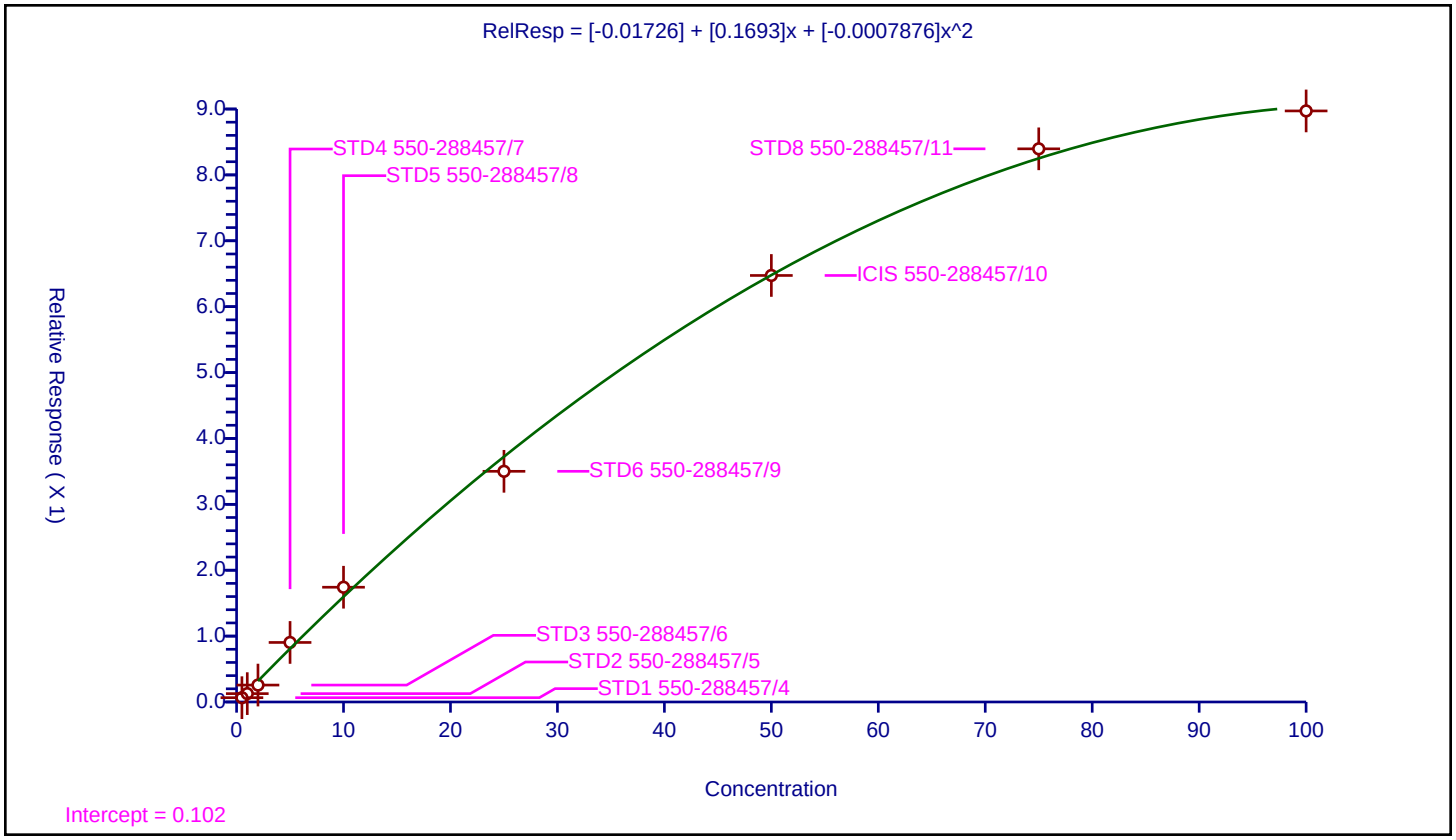
Curve Coefficients

Intercept:	-0.01726
Slope:	0.1693
Second Order:	-0.0007876

Error Coefficients

Standard Error:	292000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.065376	25.0	1200357.0	0.130753	Y
2	STD2 550-288457/5	1.0	0.127086	25.0	1192497.0	0.127086	Y
3	STD3 550-288457/6	2.0	0.257	25.0	1218189.0	0.1285	Y
4	STD4 550-288457/7	5.0	0.903413	25.0	1115160.0	0.180683	Y
5	STD5 550-288457/8	10.0	1.741743	25.0	1134022.0	0.174174	Y
6	STD6 550-288457/9	25.0	3.50136	25.0	1257397.0	0.140054	Y
7	ICIS 550-288457/10	50.0	6.473776	25.0	1246896.0	0.129476	Y
8	STD8 550-288457/11	75.0	8.395846	25.0	1248287.0	0.111945	Y
9	STD9 550-288457/12	100.0	8.970745	25.0	1217920.0	0.089707	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

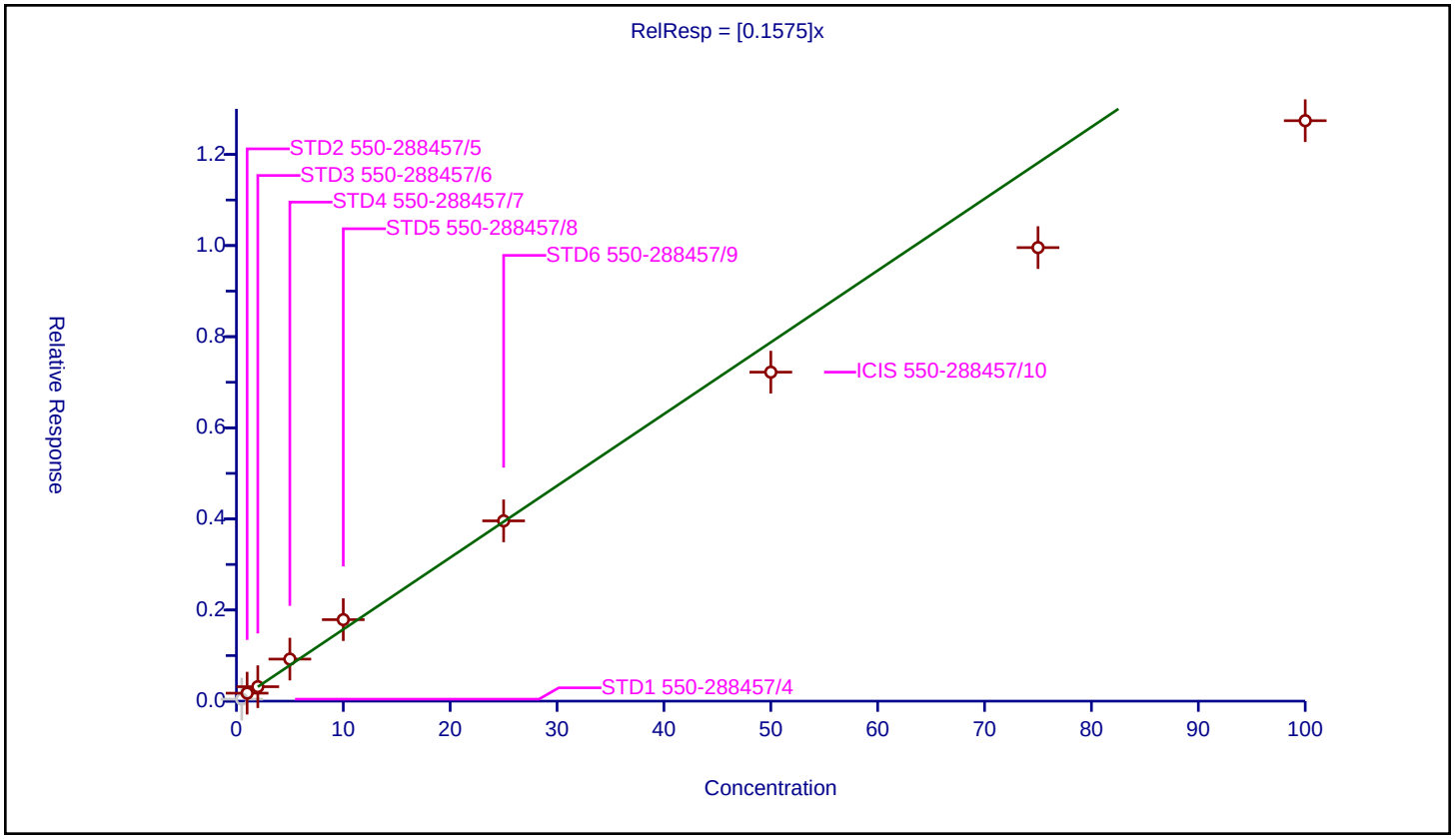
Curve Coefficients

Intercept:	0
Slope:	0.1575

Error Coefficients

Standard Error:	340000
Relative Standard Error:	13.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.043675	25.0	1200357.0	0.087349	N
2	STD2 550-288457/5	1.0	0.175242	25.0	1192497.0	0.175242	Y
3	STD3 550-288457/6	2.0	0.317356	25.0	1218189.0	0.158678	Y
4	STD4 550-288457/7	5.0	0.922917	25.0	1115160.0	0.184583	Y
5	STD5 550-288457/8	10.0	1.788678	25.0	1134022.0	0.178868	Y
6	STD6 550-288457/9	25.0	3.956944	25.0	1257397.0	0.158278	Y
7	ICIS 550-288457/10	50.0	7.221452	25.0	1246896.0	0.144429	Y
8	STD8 550-288457/11	75.0	9.955403	25.0	1248287.0	0.132739	Y
9	STD9 550-288457/12	100.0	12.741005	25.0	1217920.0	0.12741	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

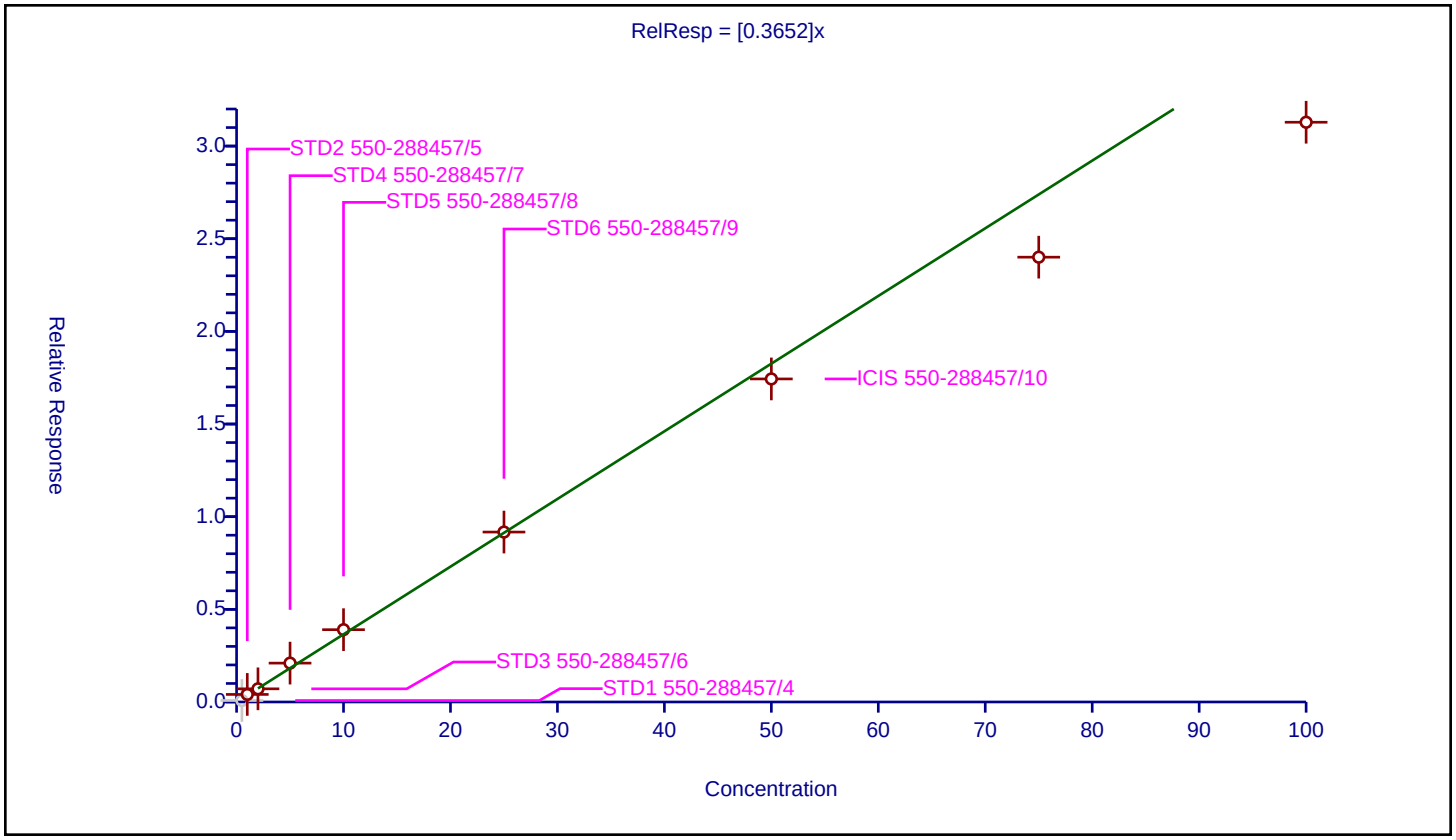
Curve Coefficients

Intercept:	0
Slope:	0.3652

Error Coefficients

Standard Error:	825000
Relative Standard Error:	10.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.080559	25.0	1200357.0	0.161119	N
2	STD2 550-288457/5	1.0	0.408408	25.0	1192497.0	0.408408	Y
3	STD3 550-288457/6	2.0	0.709865	25.0	1218189.0	0.354933	Y
4	STD4 550-288457/7	5.0	2.097031	25.0	1115160.0	0.419406	Y
5	STD5 550-288457/8	10.0	3.901886	25.0	1134022.0	0.390189	Y
6	STD6 550-288457/9	25.0	9.171069	25.0	1257397.0	0.366843	Y
7	ICIS 550-288457/10	50.0	17.43329	25.0	1246896.0	0.348666	Y
8	STD8 550-288457/11	75.0	24.004576	25.0	1248287.0	0.320061	Y
9	STD9 550-288457/12	100.0	31.285881	25.0	1217920.0	0.312859	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

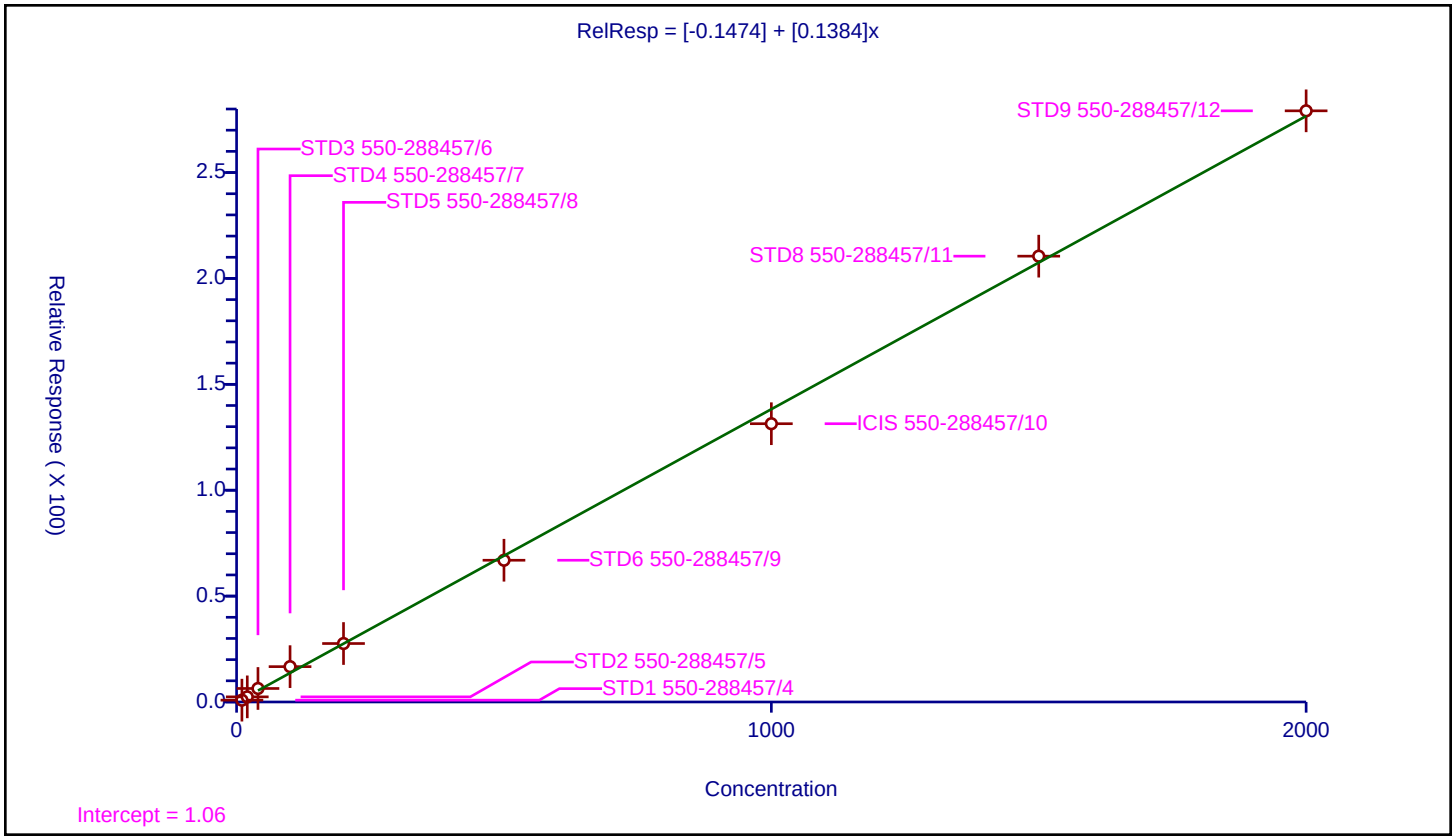
Curve Coefficients

Intercept:	-0.1474
Slope:	0.1384

Error Coefficients

Standard Error:	150000
Relative Standard Error:	15.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	10.0	0.864363	200.0	236012.0	0.086436	Y
2	STD2 550-288457/5	20.0	2.424205	200.0	225311.0	0.12121	Y
3	STD3 550-288457/6	40.0	6.373632	200.0	261107.0	0.159341	Y
4	STD4 550-288457/7	100.0	16.688938	200.0	191576.0	0.166889	Y
5	STD5 550-288457/8	200.0	27.605244	200.0	234028.0	0.138026	Y
6	STD6 550-288457/9	500.0	66.929942	200.0	232963.0	0.13386	Y
7	ICIS 550-288457/10	1000.0	131.398133	200.0	243489.0	0.131398	Y
8	STD8 550-288457/11	1500.0	210.514889	200.0	199907.0	0.140343	Y
9	STD9 550-288457/12	2000.0	279.138418	200.0	203254.0	0.139569	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

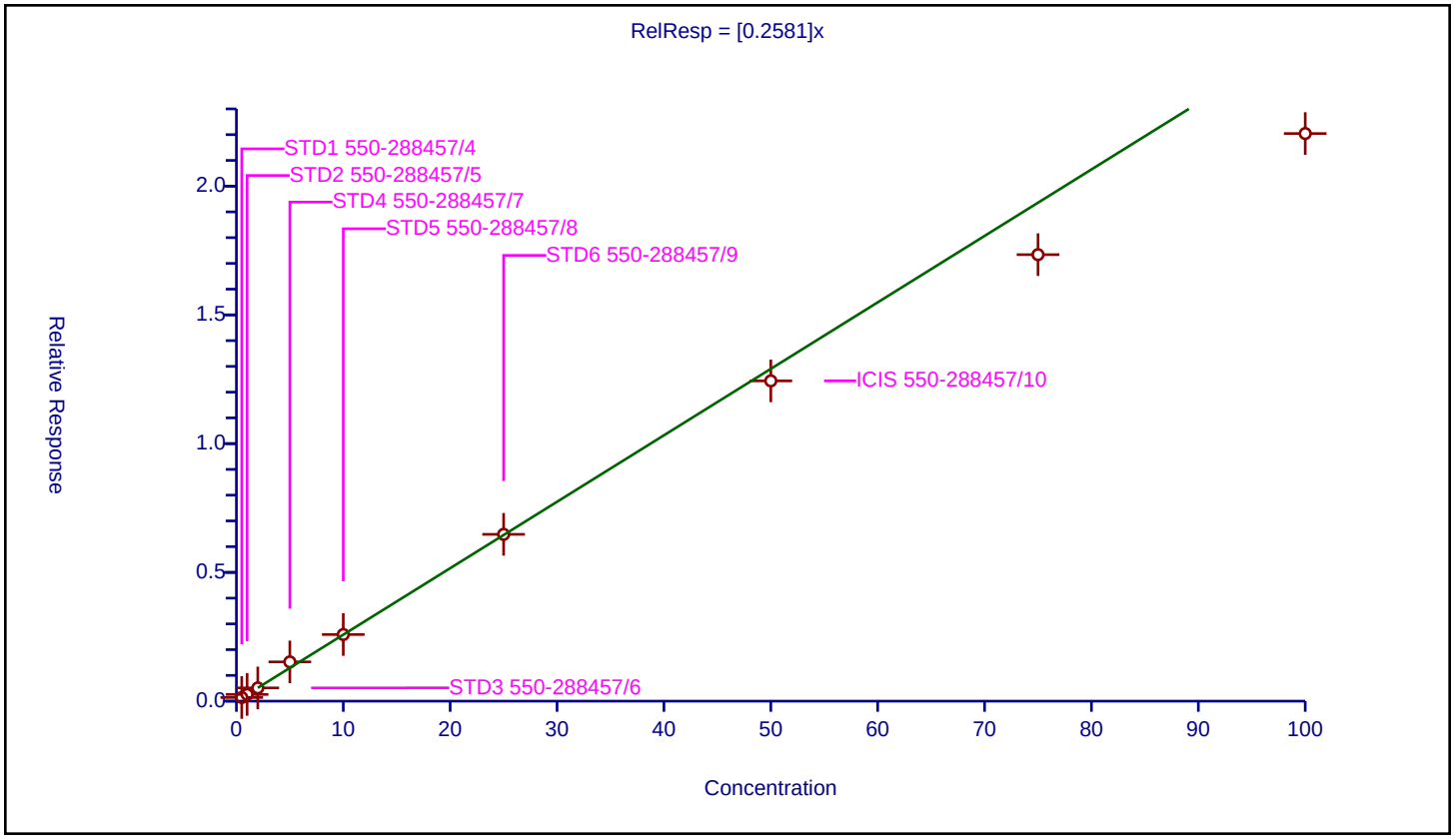
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Standard Error:	549000
Relative Standard Error:	9.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.141687	25.0	1200357.0	0.283374	Y
2	STD2 550-288457/5	1.0	0.259833	25.0	1192497.0	0.259833	Y
3	STD3 550-288457/6	2.0	0.513385	25.0	1218189.0	0.256693	Y
4	STD4 550-288457/7	5.0	1.52384	25.0	1115160.0	0.304768	Y
5	STD5 550-288457/8	10.0	2.587031	25.0	1134022.0	0.258703	Y
6	STD6 550-288457/9	25.0	6.477489	25.0	1257397.0	0.2591	Y
7	ICIS 550-288457/10	50.0	12.437745	25.0	1246896.0	0.248755	Y
8	STD8 550-288457/11	75.0	17.339061	25.0	1248287.0	0.231187	Y
9	STD9 550-288457/12	100.0	22.042232	25.0	1217920.0	0.220422	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

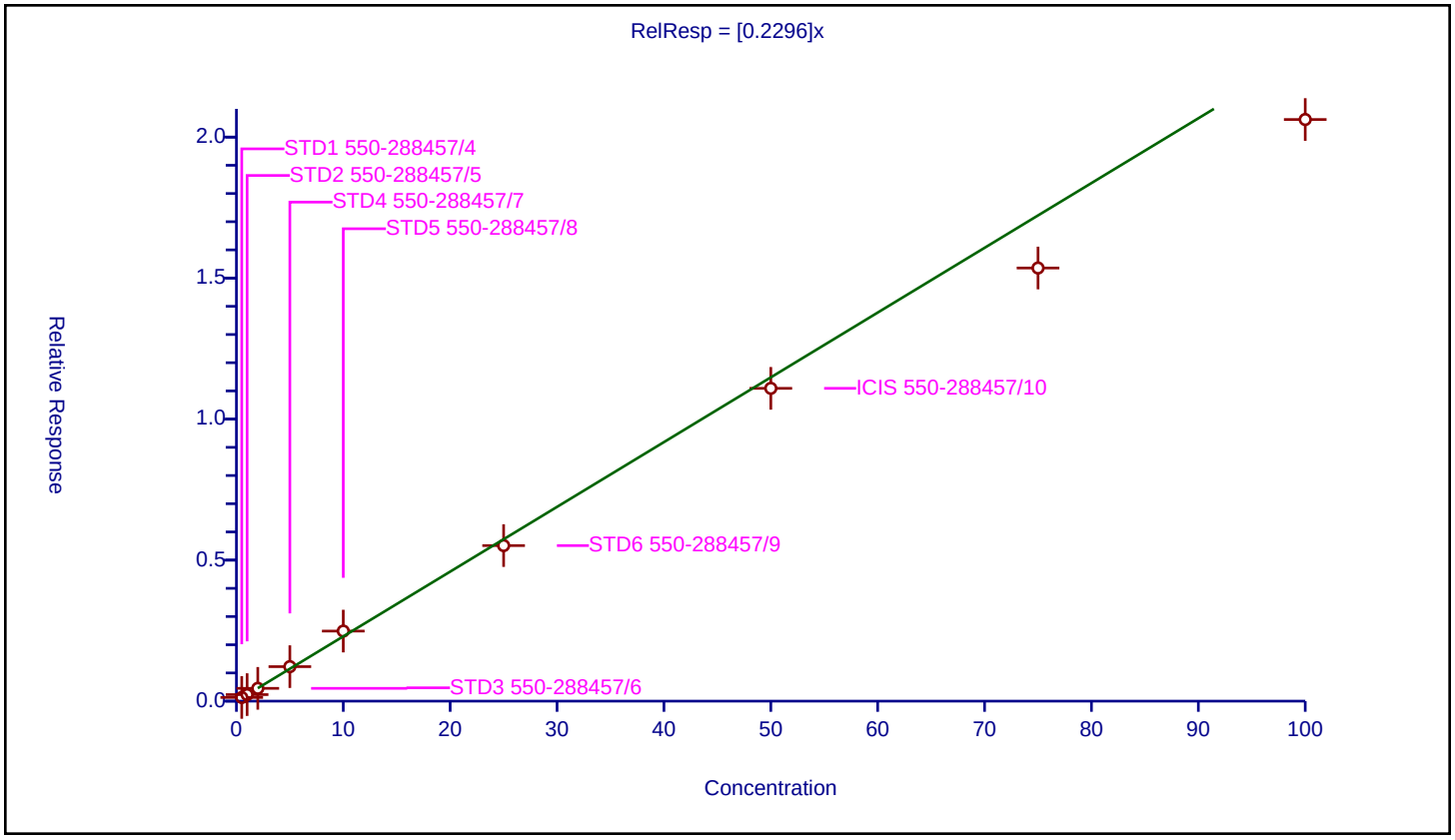
Curve Coefficients

Intercept:	0
Slope:	0.2296

Error Coefficients

Standard Error:	500000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.130607	25.0	1200357.0	0.261214	Y
2	STD2 550-288457/5	1.0	0.232034	25.0	1192497.0	0.232034	Y
3	STD3 550-288457/6	2.0	0.453378	25.0	1218189.0	0.226689	Y
4	STD4 550-288457/7	5.0	1.223569	25.0	1115160.0	0.244714	Y
5	STD5 550-288457/8	10.0	2.484299	25.0	1134022.0	0.24843	Y
6	STD6 550-288457/9	25.0	5.516078	25.0	1257397.0	0.220643	Y
7	ICIS 550-288457/10	50.0	11.091543	25.0	1246896.0	0.221831	Y
8	STD8 550-288457/11	75.0	15.357726	25.0	1248287.0	0.20477	Y
9	STD9 550-288457/12	100.0	20.622763	25.0	1217920.0	0.206228	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

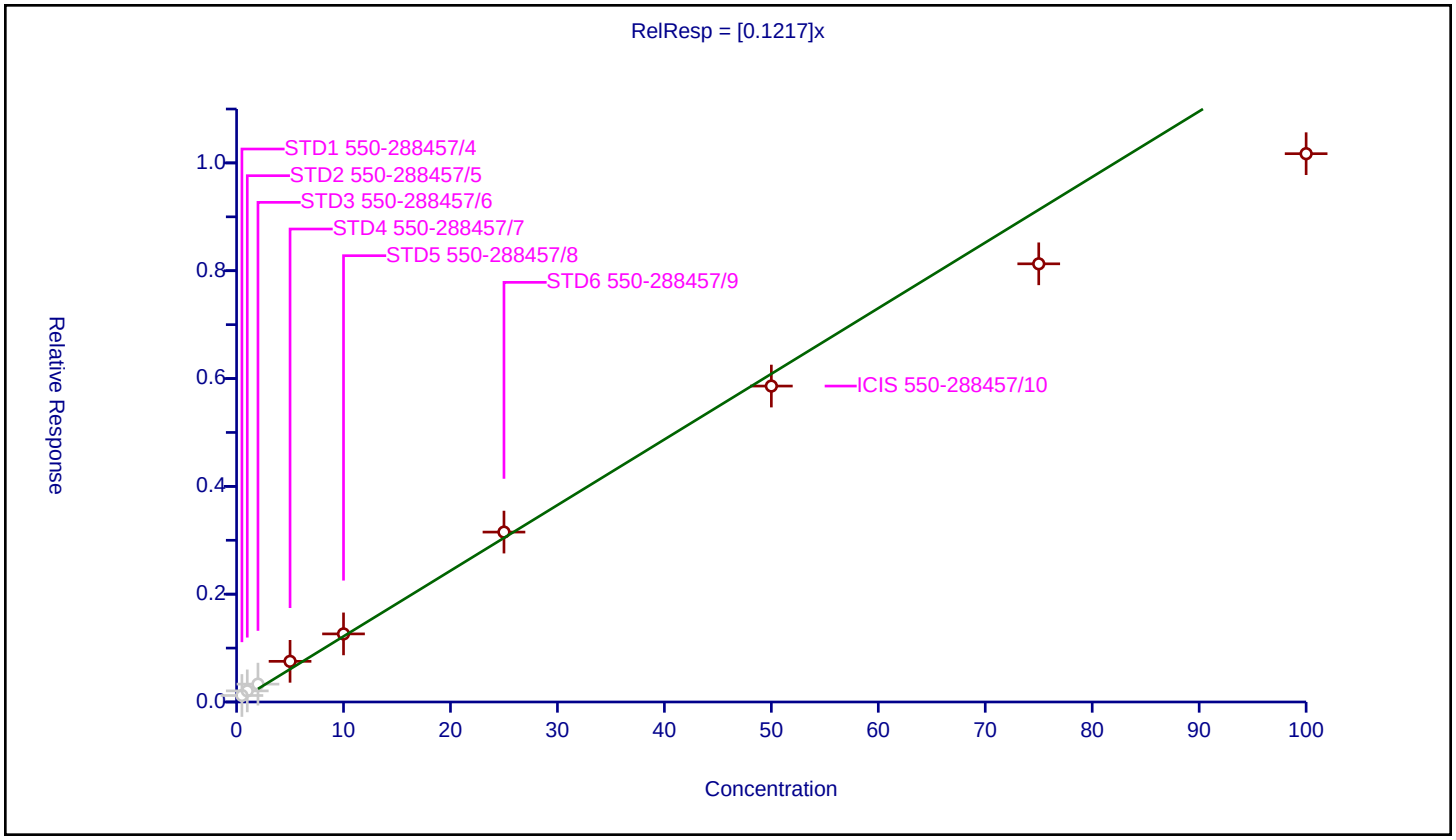
Curve Coefficients

Intercept:	0
Slope:	0.1217

Error Coefficients

Standard Error:	225000
Relative Standard Error:	14.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.120434	25.0	764322.0	0.240867	N
2	STD2 550-288457/5	1.0	0.206031	25.0	769665.0	0.206031	N
3	STD3 550-288457/6	2.0	0.331029	25.0	805293.0	0.165514	N
4	STD4 550-288457/7	5.0	0.753922	25.0	713270.0	0.150784	Y
5	STD5 550-288457/8	10.0	1.263049	25.0	794823.0	0.126305	Y
6	STD6 550-288457/9	25.0	3.1517	25.0	844560.0	0.126068	Y
7	ICIS 550-288457/10	50.0	5.860678	25.0	863023.0	0.117214	Y
8	STD8 550-288457/11	75.0	8.128205	25.0	860276.0	0.108376	Y
9	STD9 550-288457/12	100.0	10.171183	25.0	854672.0	0.101712	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

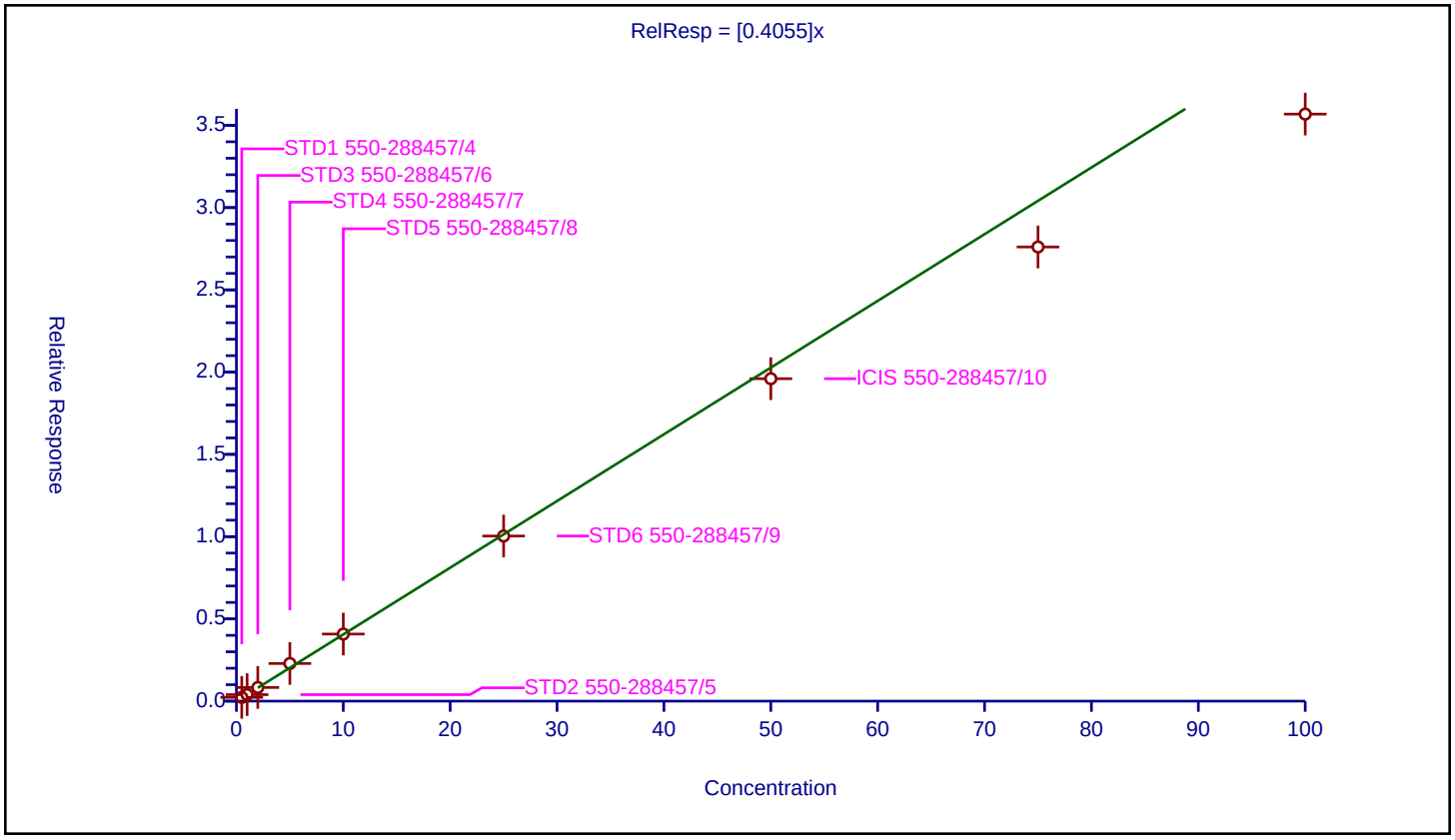
Curve Coefficients

Intercept:	0
Slope:	0.4055

Error Coefficients

Standard Error:	879000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.227516	25.0	1200357.0	0.455031	Y
2	STD2 550-288457/5	1.0	0.395829	25.0	1192497.0	0.395829	Y
3	STD3 550-288457/6	2.0	0.829448	25.0	1218189.0	0.414724	Y
4	STD4 550-288457/7	5.0	2.287811	25.0	1115160.0	0.457562	Y
5	STD5 550-288457/8	10.0	4.077588	25.0	1134022.0	0.407759	Y
6	STD6 550-288457/9	25.0	10.036349	25.0	1257397.0	0.401454	Y
7	ICIS 550-288457/10	50.0	19.600392	25.0	1246896.0	0.392008	Y
8	STD8 550-288457/11	75.0	27.607033	25.0	1248287.0	0.368094	Y
9	STD9 550-288457/12	100.0	35.684815	25.0	1217920.0	0.356848	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

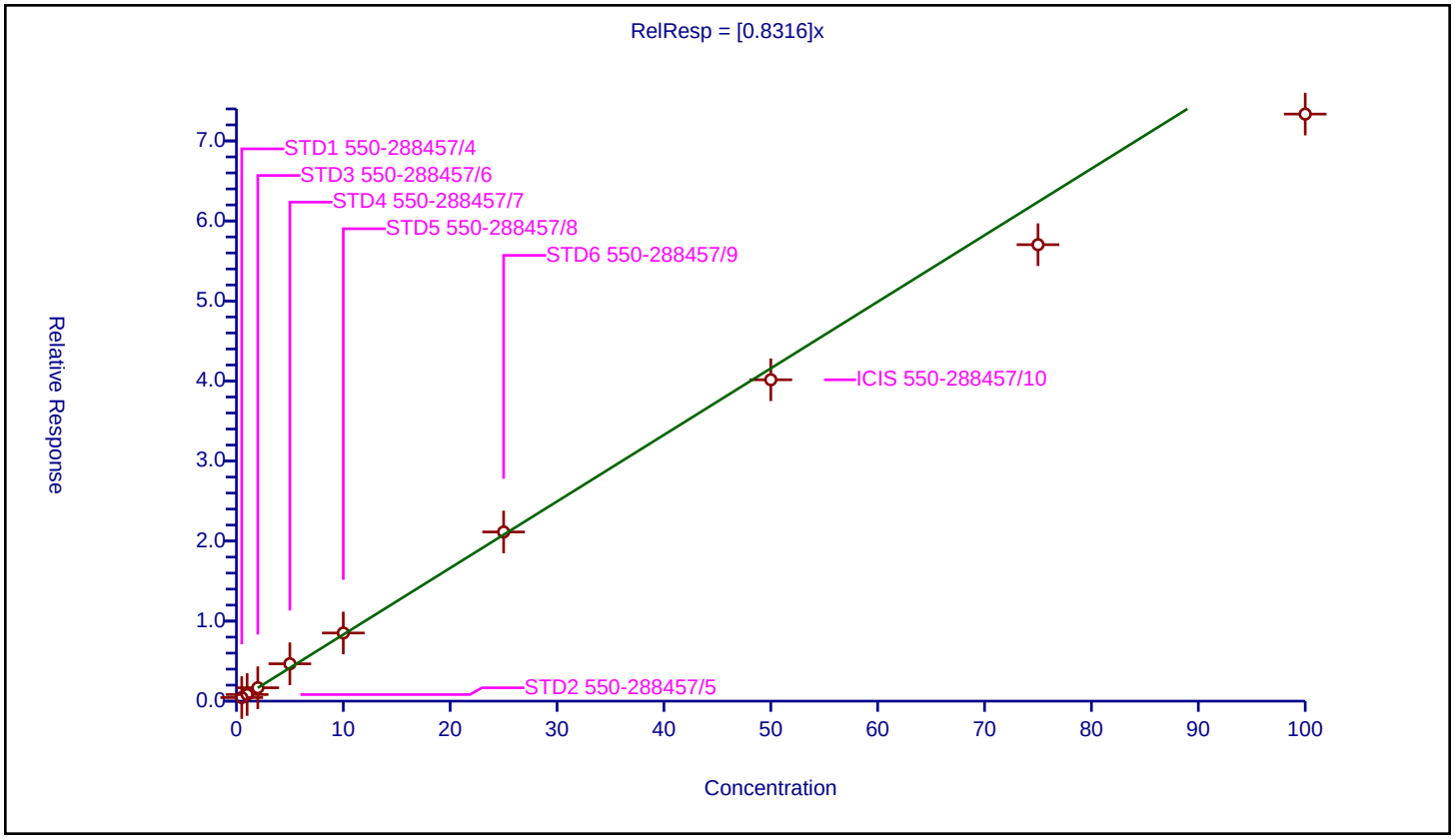
Curve Coefficients

Intercept:	0
Slope:	0.8316

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.449075	25.0	1200357.0	0.898149	Y
2	STD2 550-288457/5	1.0	0.822245	25.0	1192497.0	0.822245	Y
3	STD3 550-288457/6	2.0	1.672975	25.0	1218189.0	0.836488	Y
4	STD4 550-288457/7	5.0	4.668859	25.0	1115160.0	0.933772	Y
5	STD5 550-288457/8	10.0	8.514363	25.0	1134022.0	0.851436	Y
6	STD6 550-288457/9	25.0	21.137278	25.0	1257397.0	0.845491	Y
7	ICIS 550-288457/10	50.0	40.156817	25.0	1246896.0	0.803136	Y
8	STD8 550-288457/11	75.0	57.033999	25.0	1248287.0	0.760453	Y
9	STD9 550-288457/12	100.0	73.355352	25.0	1217920.0	0.733554	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

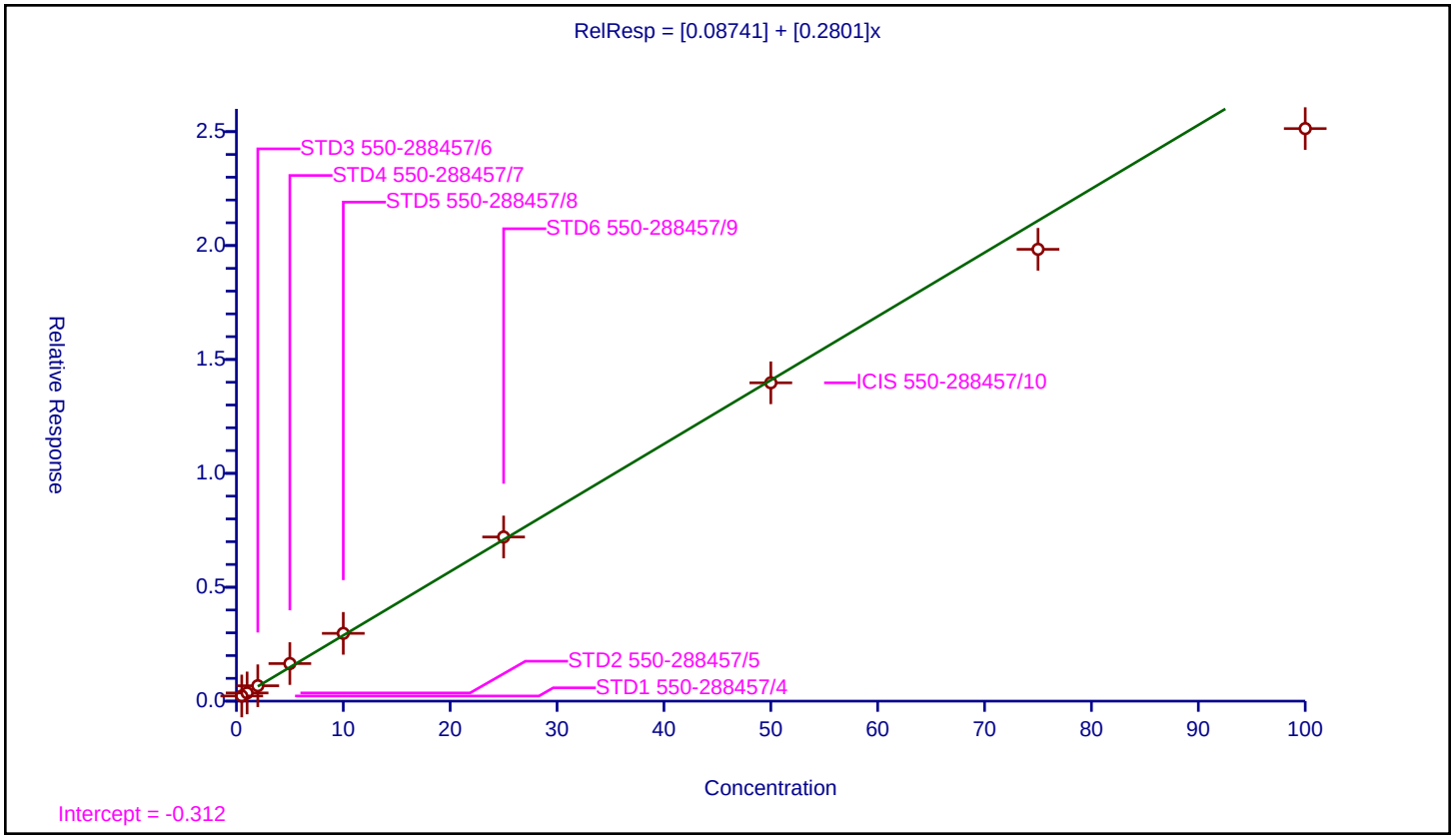
Curve Coefficients

Intercept:	0.08741
Slope:	0.2801

Error Coefficients

Standard Error:	668000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.225954	25.0	1200357.0	0.451907	Y
2	STD2 550-288457/5	1.0	0.359603	25.0	1192497.0	0.359603	Y
3	STD3 550-288457/6	2.0	0.674711	25.0	1218189.0	0.337355	Y
4	STD4 550-288457/7	5.0	1.649405	25.0	1115160.0	0.329881	Y
5	STD5 550-288457/8	10.0	2.975582	25.0	1134022.0	0.297558	Y
6	STD6 550-288457/9	25.0	7.206515	25.0	1257397.0	0.288261	Y
7	ICIS 550-288457/10	50.0	13.975344	25.0	1246896.0	0.279507	Y
8	STD8 550-288457/11	75.0	19.835723	25.0	1248287.0	0.264476	Y
9	STD9 550-288457/12	100.0	25.134574	25.0	1217920.0	0.251346	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

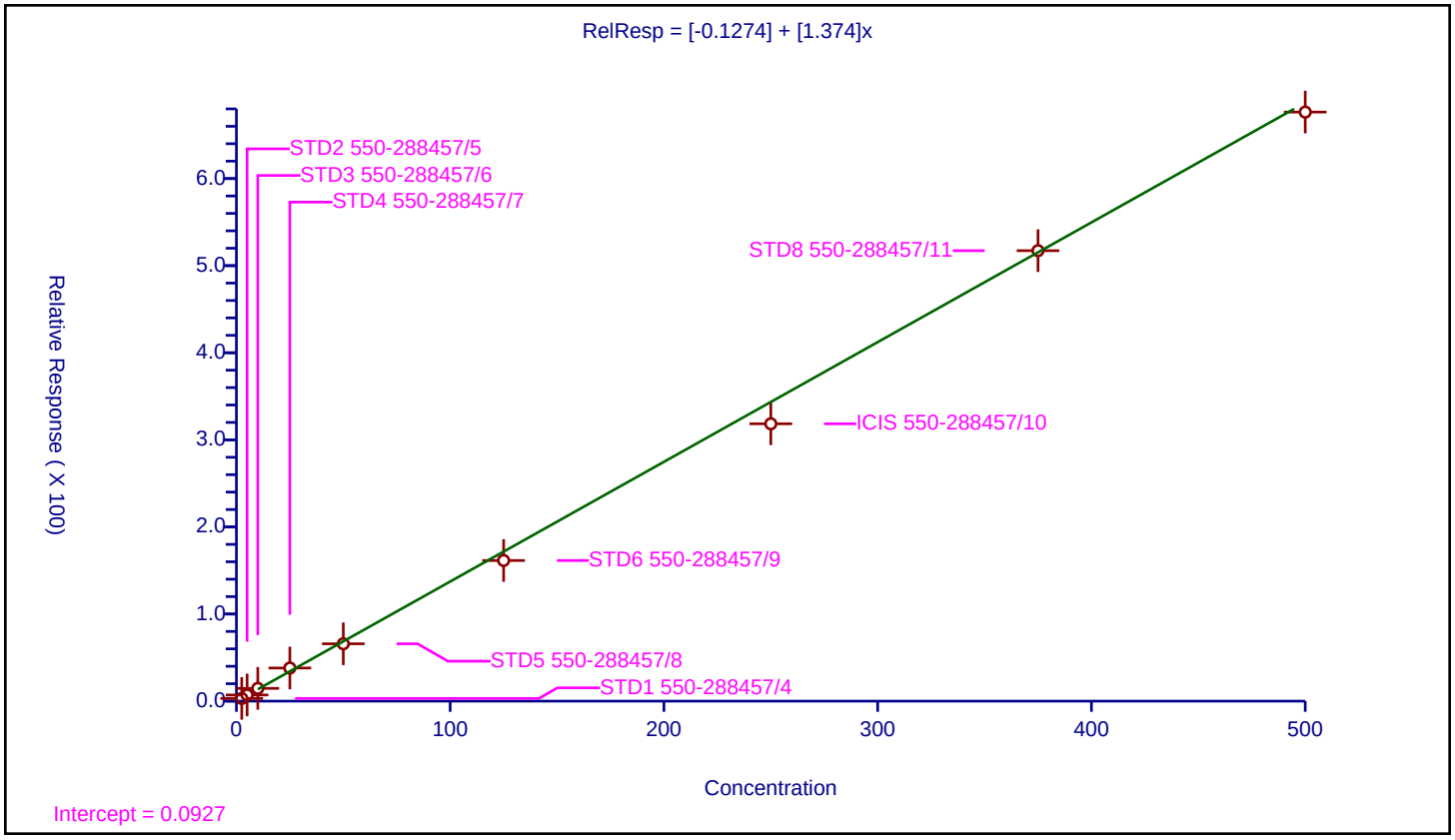
Curve Coefficients

Intercept:	-0.1274
Slope:	1.374

Error Coefficients

Standard Error:	365000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	2.5	3.135434	200.0	236012.0	1.254174	Y
2	STD2 550-288457/5	5.0	7.083542	200.0	225311.0	1.416708	Y
3	STD3 550-288457/6	10.0	14.648401	200.0	261107.0	1.46484	Y
4	STD4 550-288457/7	25.0	38.017288	200.0	191576.0	1.520692	Y
5	STD5 550-288457/8	50.0	65.856222	200.0	234028.0	1.317124	Y
6	STD6 550-288457/9	125.0	161.484012	200.0	232963.0	1.291872	Y
7	ICIS 550-288457/10	250.0	318.452168	200.0	243489.0	1.273809	Y
8	STD8 550-288457/11	375.0	517.232513	200.0	199907.0	1.379287	Y
9	STD9 550-288457/12	500.0	676.342901	200.0	203254.0	1.352686	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

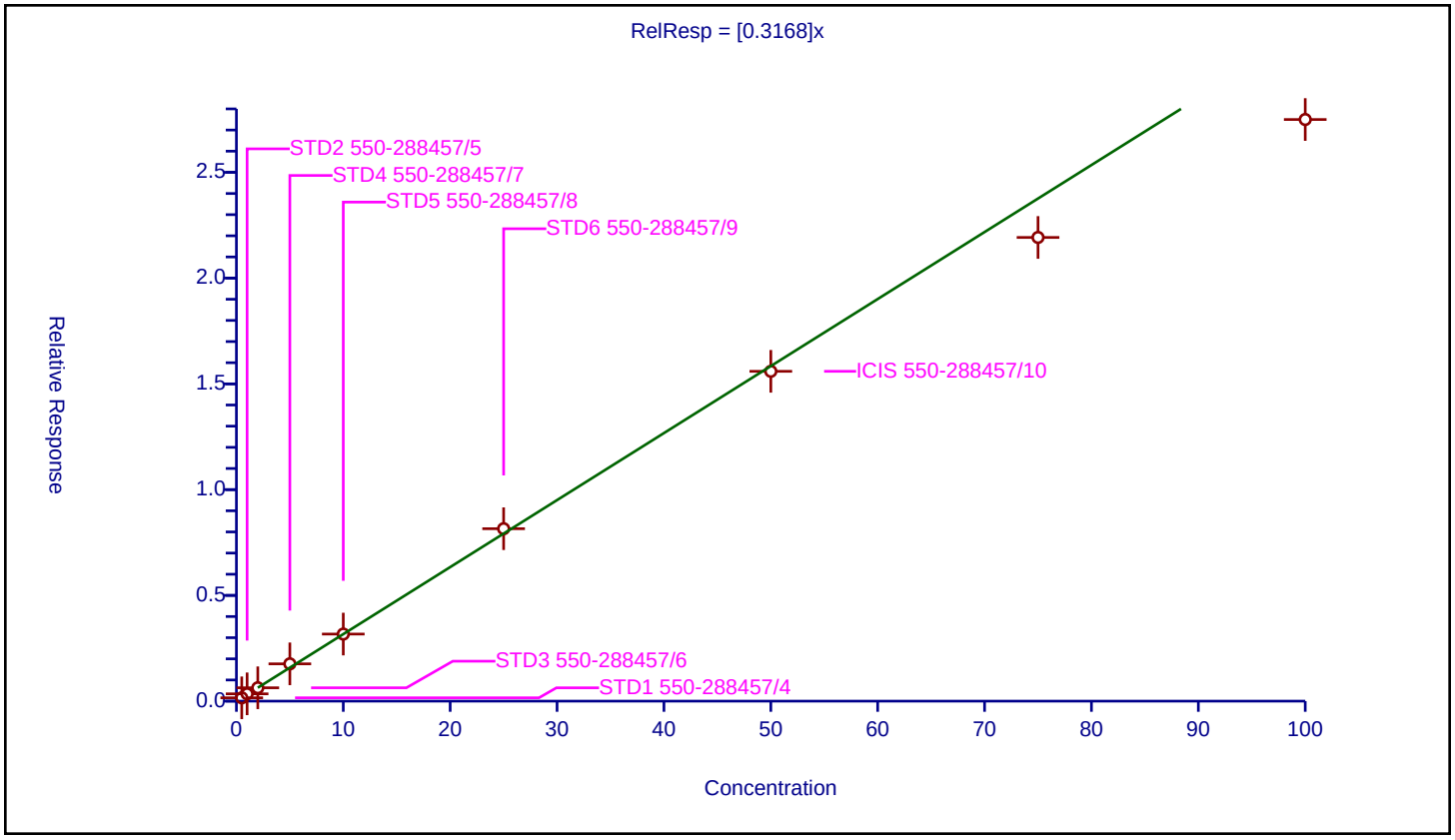
Curve Coefficients

Intercept:	0
Slope:	0.3168

Error Coefficients

Standard Error:	689000
Relative Standard Error:	7.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.157391	25.0	1200357.0	0.314781	Y
2	STD2 550-288457/5	1.0	0.345514	25.0	1192497.0	0.345514	Y
3	STD3 550-288457/6	2.0	0.63186	25.0	1218189.0	0.31593	Y
4	STD4 550-288457/7	5.0	1.763828	25.0	1115160.0	0.352766	Y
5	STD5 550-288457/8	10.0	3.171169	25.0	1134022.0	0.317117	Y
6	STD6 550-288457/9	25.0	8.152	25.0	1257397.0	0.32608	Y
7	ICIS 550-288457/10	50.0	15.5927	25.0	1246896.0	0.311854	Y
8	STD8 550-288457/11	75.0	21.922483	25.0	1248287.0	0.2923	Y
9	STD9 550-288457/12	100.0	27.497208	25.0	1217920.0	0.274972	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

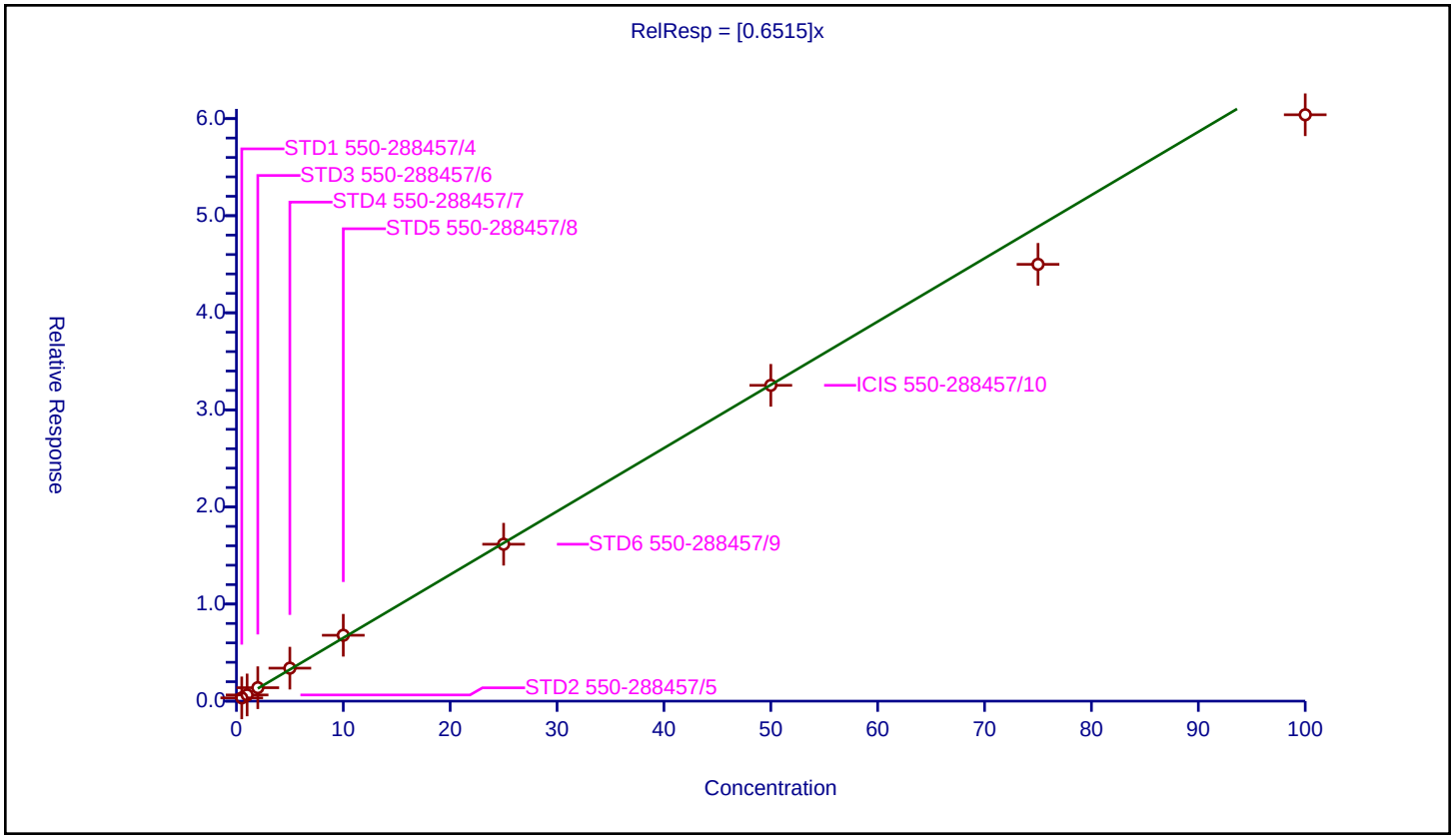
Curve Coefficients

Intercept:	0
Slope:	0.6515

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.33715	25.0	1200357.0	0.674299	Y
2	STD2 550-288457/5	1.0	0.638429	25.0	1192497.0	0.638429	Y
3	STD3 550-288457/6	2.0	1.383919	25.0	1218189.0	0.69196	Y
4	STD4 550-288457/7	5.0	3.398212	25.0	1115160.0	0.679642	Y
5	STD5 550-288457/8	10.0	6.784855	25.0	1134022.0	0.678486	Y
6	STD6 550-288457/9	25.0	16.162	25.0	1257397.0	0.64648	Y
7	ICIS 550-288457/10	50.0	32.528054	25.0	1246896.0	0.650561	Y
8	STD8 550-288457/11	75.0	44.989333	25.0	1248287.0	0.599858	Y
9	STD9 550-288457/12	100.0	60.39666	25.0	1217920.0	0.603967	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

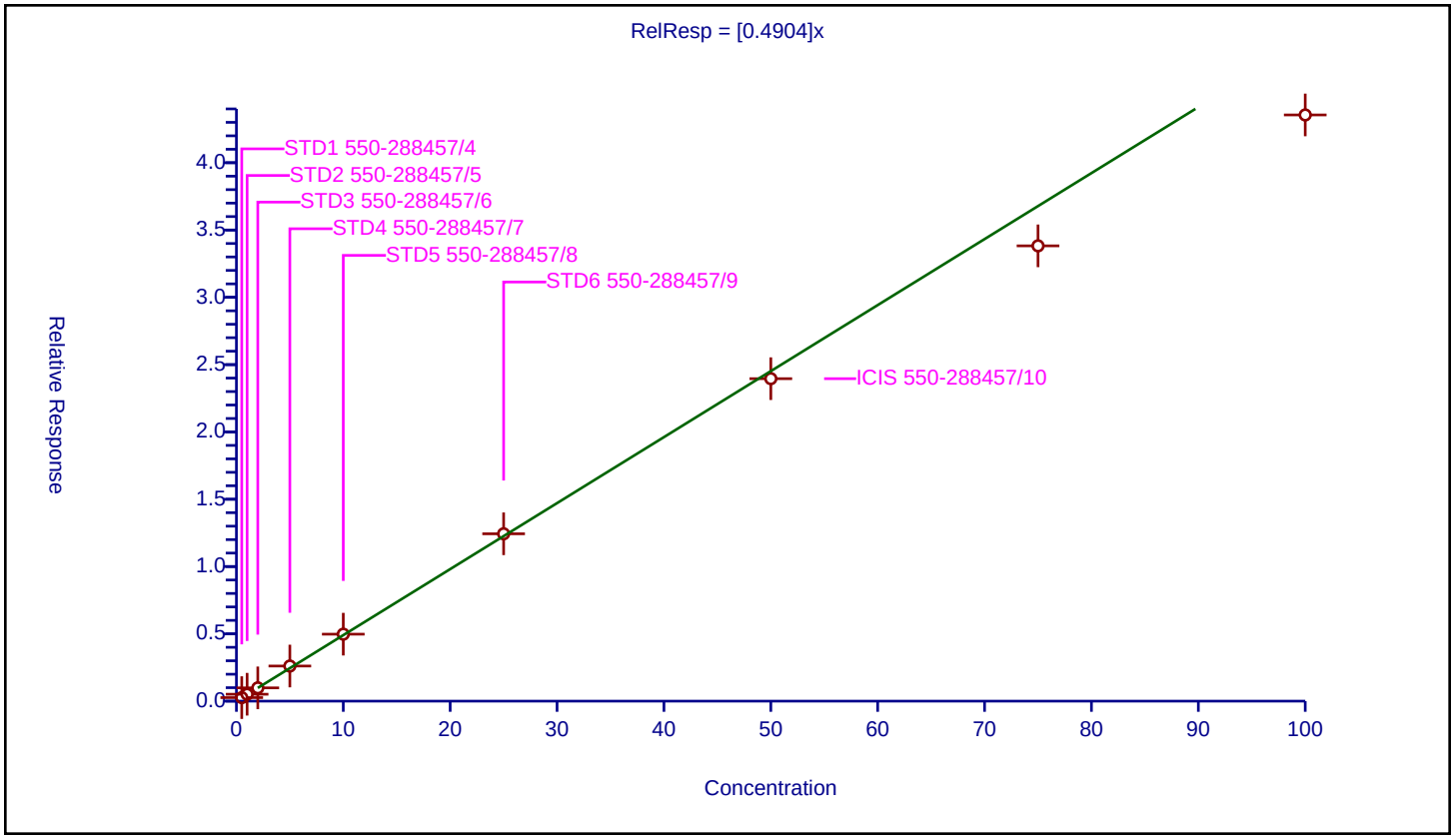
Curve Coefficients

Intercept:	0
Slope:	0.4904

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.261755	25.0	1200357.0	0.523511	Y
2	STD2 550-288457/5	1.0	0.514299	25.0	1192497.0	0.514299	Y
3	STD3 550-288457/6	2.0	0.986444	25.0	1218189.0	0.493222	Y
4	STD4 550-288457/7	5.0	2.609446	25.0	1115160.0	0.521889	Y
5	STD5 550-288457/8	10.0	4.975212	25.0	1134022.0	0.497521	Y
6	STD6 550-288457/9	25.0	12.432549	25.0	1257397.0	0.497302	Y
7	ICIS 550-288457/10	50.0	23.956649	25.0	1246896.0	0.479133	Y
8	STD8 550-288457/11	75.0	33.824954	25.0	1248287.0	0.450999	Y
9	STD9 550-288457/12	100.0	43.550685	25.0	1217920.0	0.435507	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

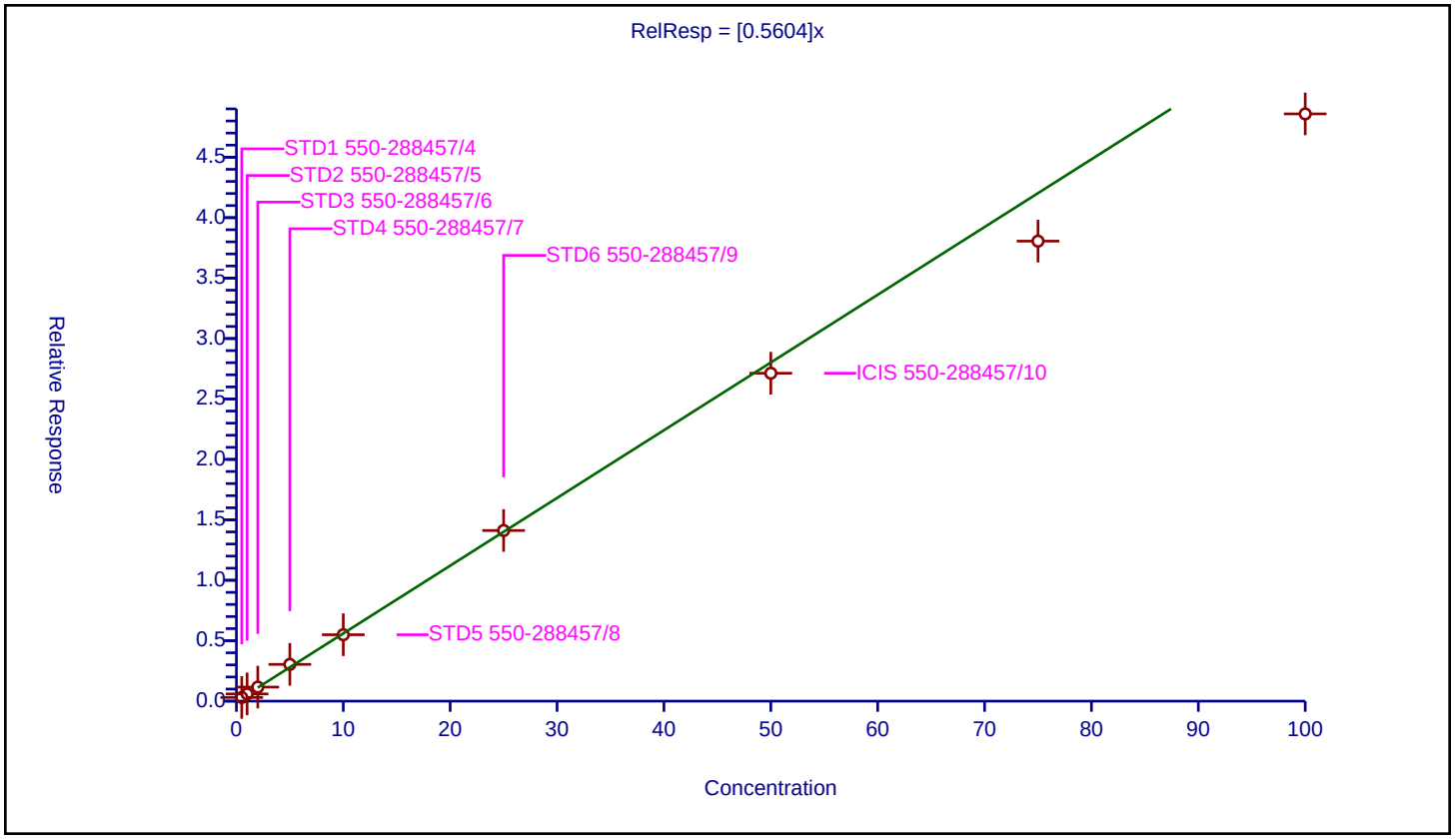
Curve Coefficients

Intercept:	0
Slope:	0.5604

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	7.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.303264	25.0	1200357.0	0.606528	Y
2	STD2 550-288457/5	1.0	0.597004	25.0	1192497.0	0.597004	Y
3	STD3 550-288457/6	2.0	1.16312	25.0	1218189.0	0.58156	Y
4	STD4 550-288457/7	5.0	3.040999	25.0	1115160.0	0.6082	Y
5	STD5 550-288457/8	10.0	5.493743	25.0	1134022.0	0.549374	Y
6	STD6 550-288457/9	25.0	14.117618	25.0	1257397.0	0.564705	Y
7	ICIS 550-288457/10	50.0	27.129067	25.0	1246896.0	0.542581	Y
8	STD8 550-288457/11	75.0	38.058656	25.0	1248287.0	0.507449	Y
9	STD9 550-288457/12	100.0	48.585786	25.0	1217920.0	0.485858	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

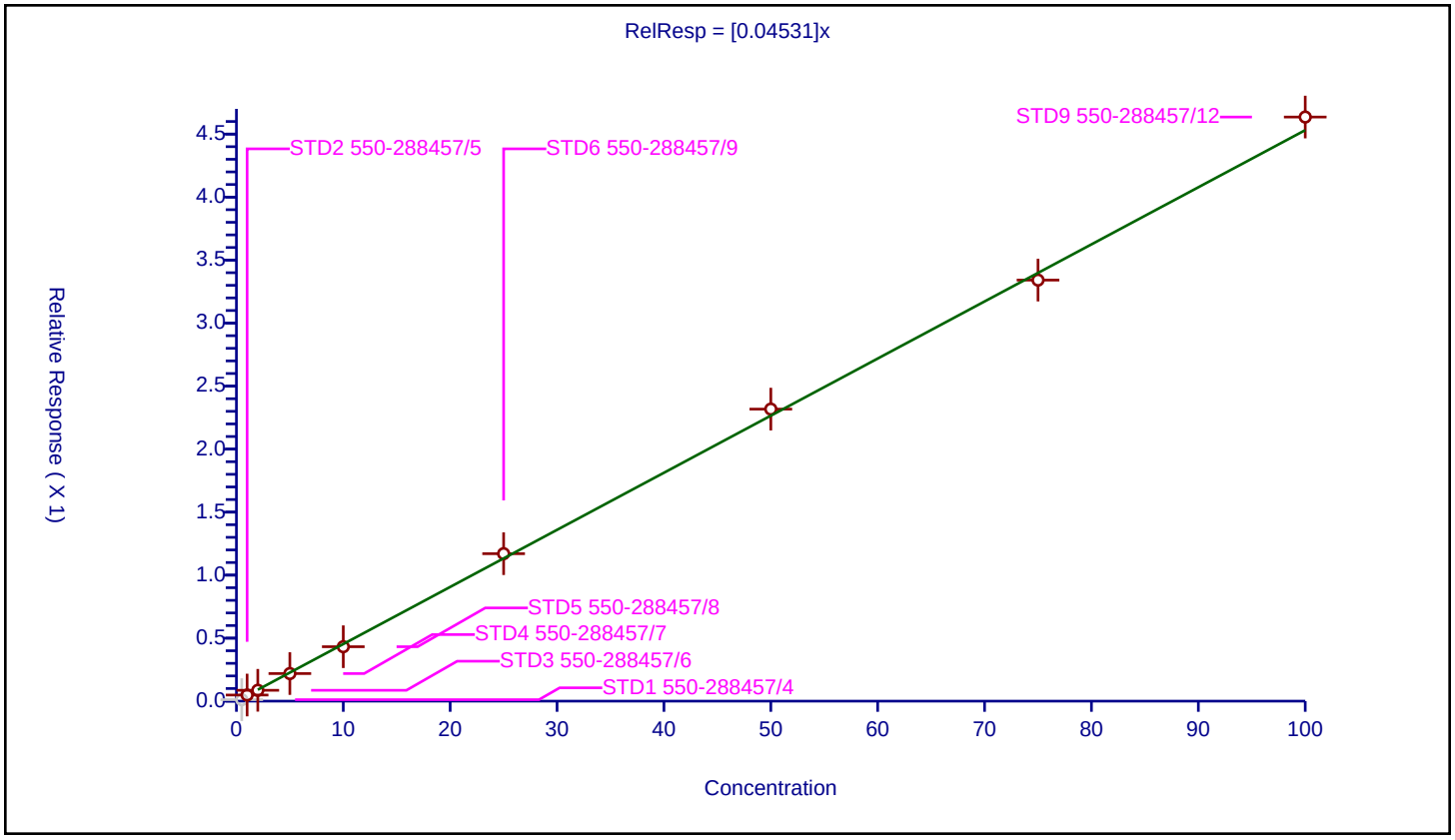
Curve Coefficients

Intercept:	0
Slope:	0.04531

Error Coefficients

Standard Error:	117000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.01183	25.0	1200357.0	0.02366	N
2	STD2 550-288457/5	1.0	0.048407	25.0	1192497.0	0.048407	Y
3	STD3 550-288457/6	2.0	0.086111	25.0	1218189.0	0.043056	Y
4	STD4 550-288457/7	5.0	0.218848	25.0	1115160.0	0.04377	Y
5	STD5 550-288457/8	10.0	0.43187	25.0	1134022.0	0.043187	Y
6	STD6 550-288457/9	25.0	1.170295	25.0	1257397.0	0.046812	Y
7	ICIS 550-288457/10	50.0	2.317535	25.0	1246896.0	0.046351	Y
8	STD8 550-288457/11	75.0	3.341279	25.0	1248287.0	0.04455	Y
9	STD9 550-288457/12	100.0	4.635259	25.0	1217920.0	0.046353	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

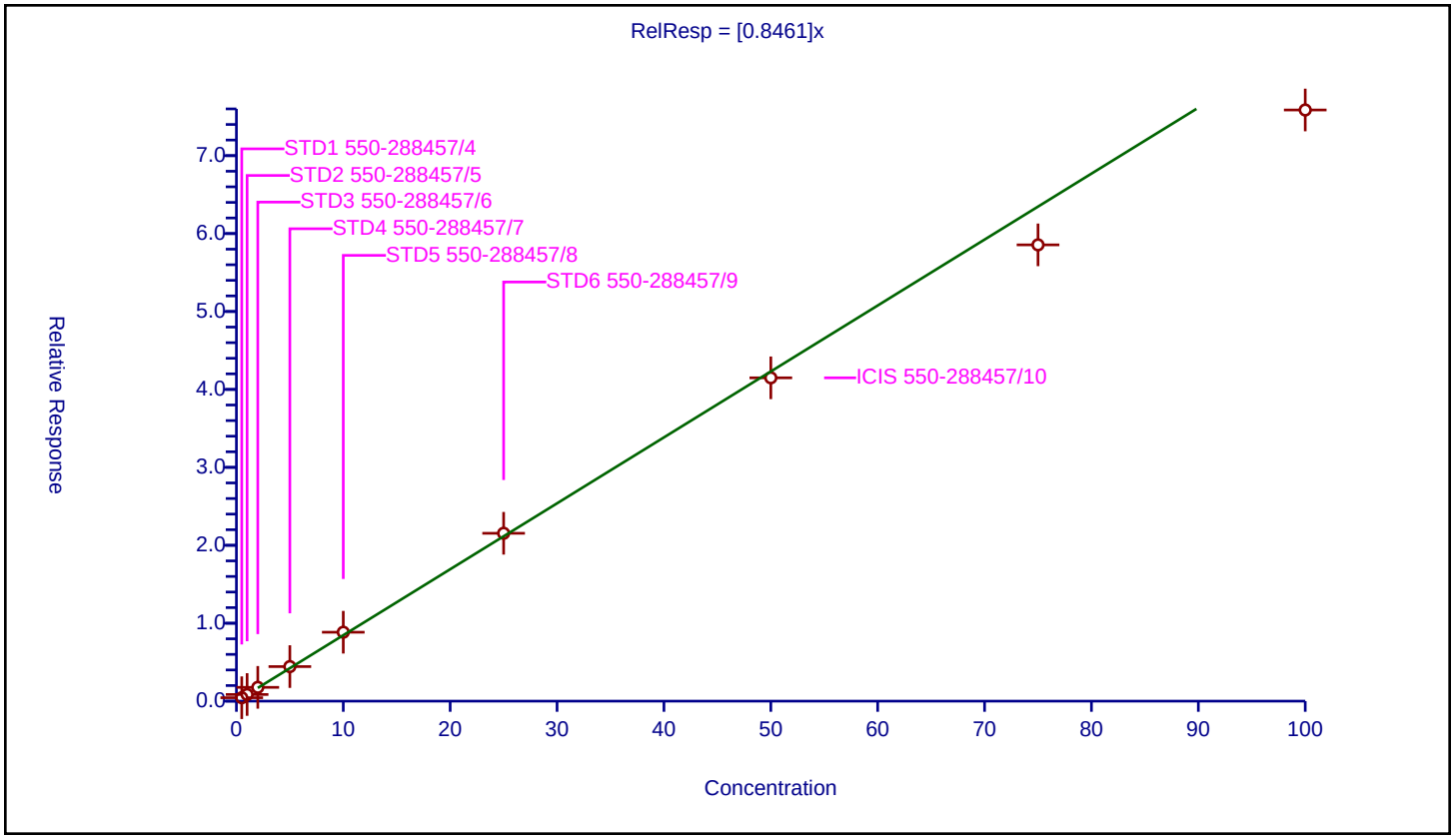
Curve Coefficients

Intercept:	0
Slope:	0.8461

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.438599	25.0	1200357.0	0.877197	Y
2	STD2 550-288457/5	1.0	0.851239	25.0	1192497.0	0.851239	Y
3	STD3 550-288457/6	2.0	1.770066	25.0	1218189.0	0.885033	Y
4	STD4 550-288457/7	5.0	4.433601	25.0	1115160.0	0.88672	Y
5	STD5 550-288457/8	10.0	8.841936	25.0	1134022.0	0.884194	Y
6	STD6 550-288457/9	25.0	21.541685	25.0	1257397.0	0.861667	Y
7	ICIS 550-288457/10	50.0	41.491933	25.0	1246896.0	0.829839	Y
8	STD8 550-288457/11	75.0	58.550618	25.0	1248287.0	0.780675	Y
9	STD9 550-288457/12	100.0	75.858431	25.0	1217920.0	0.758584	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

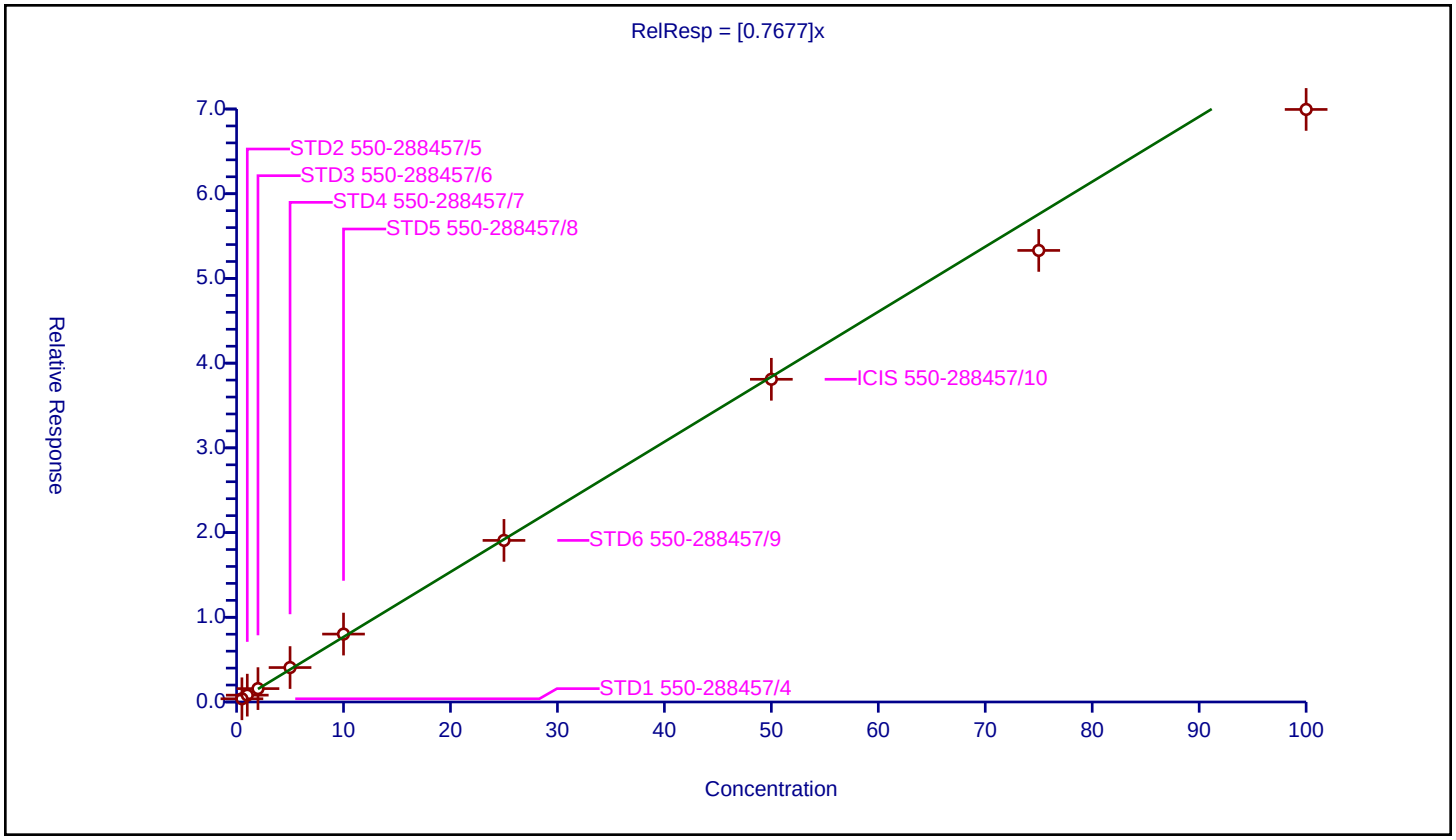
Curve Coefficients

Intercept:	0
Slope:	0.7677

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.380699	25.0	1200357.0	0.761398	Y
2	STD2 550-288457/5	1.0	0.808639	25.0	1192497.0	0.808639	Y
3	STD3 550-288457/6	2.0	1.579763	25.0	1218189.0	0.789882	Y
4	STD4 550-288457/7	5.0	4.065448	25.0	1115160.0	0.81309	Y
5	STD5 550-288457/8	10.0	8.015365	25.0	1134022.0	0.801536	Y
6	STD6 550-288457/9	25.0	19.076036	25.0	1257397.0	0.763041	Y
7	ICIS 550-288457/10	50.0	38.09618	25.0	1246896.0	0.761924	Y
8	STD8 550-288457/11	75.0	53.304749	25.0	1248287.0	0.71073	Y
9	STD9 550-288457/12	100.0	69.94936	25.0	1217920.0	0.699494	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

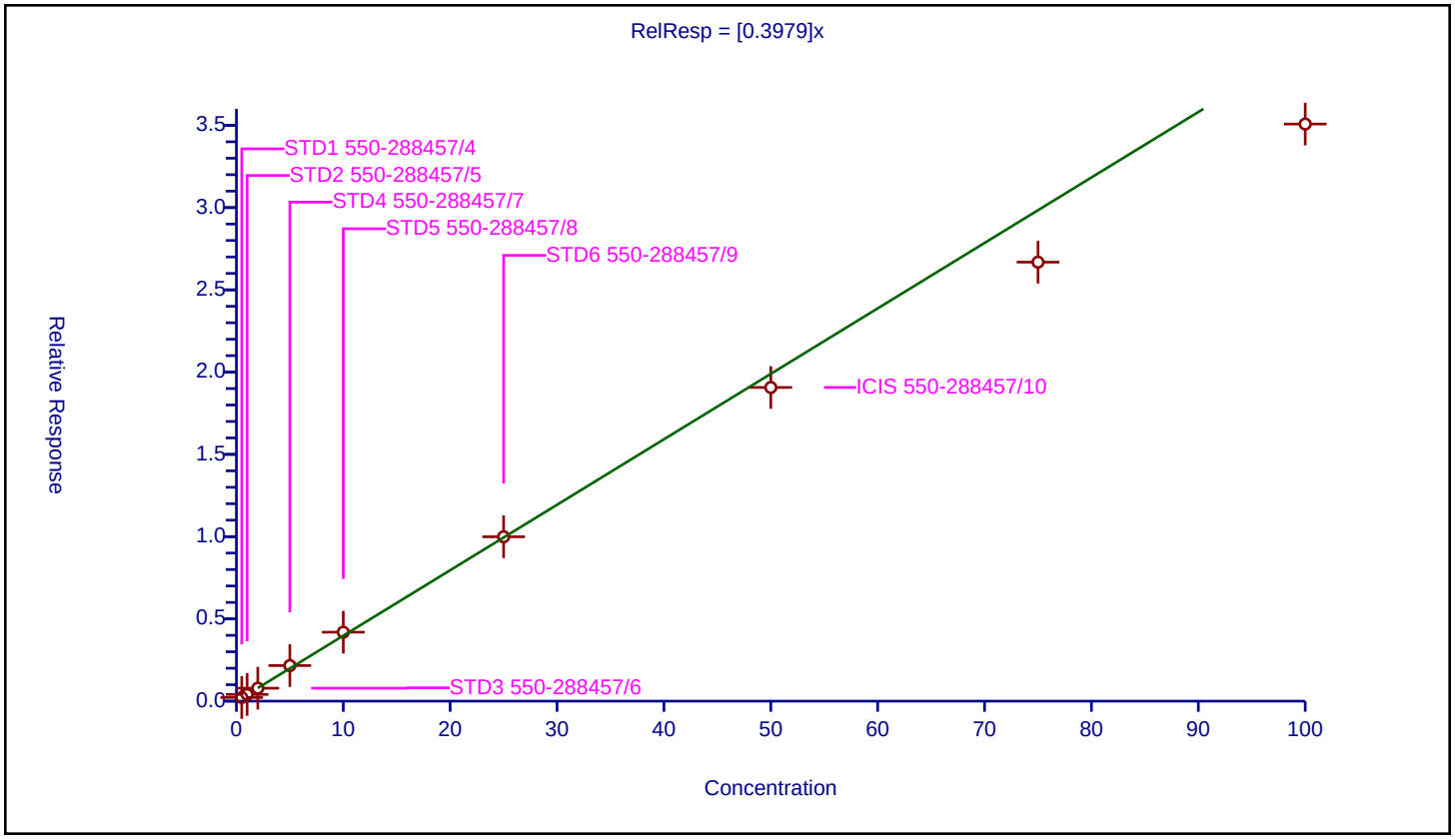
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Standard Error:	859000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220205	25.0	1200357.0	0.440411	Y
2	STD2 550-288457/5	1.0	0.407464	25.0	1192497.0	0.407464	Y
3	STD3 550-288457/6	2.0	0.788158	25.0	1218189.0	0.394079	Y
4	STD4 550-288457/7	5.0	2.161394	25.0	1115160.0	0.432279	Y
5	STD5 550-288457/8	10.0	4.191585	25.0	1134022.0	0.419159	Y
6	STD6 550-288457/9	25.0	9.990659	25.0	1257397.0	0.399626	Y
7	ICIS 550-288457/10	50.0	19.067348	25.0	1246896.0	0.381347	Y
8	STD8 550-288457/11	75.0	26.683968	25.0	1248287.0	0.355786	Y
9	STD9 550-288457/12	100.0	35.078002	25.0	1217920.0	0.35078	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

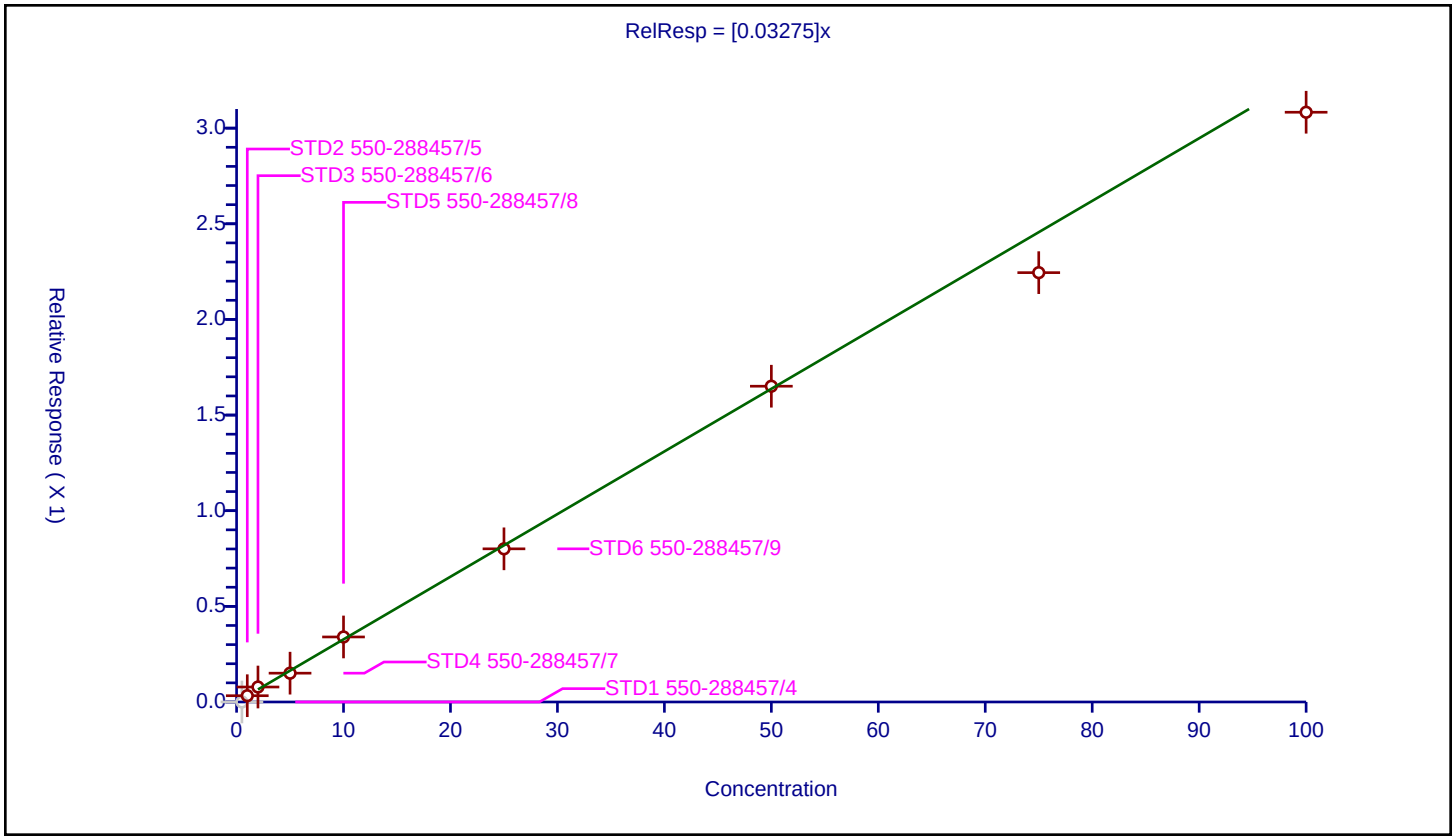
Curve Coefficients

Intercept:	0
Slope:	0.03275

Error Coefficients

Standard Error:	79100
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.0	25.0	1200357.0	0.0	N
2	STD2 550-288457/5	1.0	0.032893	25.0	1192497.0	0.032893	Y
3	STD3 550-288457/6	2.0	0.078292	25.0	1218189.0	0.039146	Y
4	STD4 550-288457/7	5.0	0.150606	25.0	1115160.0	0.030121	Y
5	STD5 550-288457/8	10.0	0.340007	25.0	1134022.0	0.034001	Y
6	STD6 550-288457/9	25.0	0.800722	25.0	1257397.0	0.032029	Y
7	ICIS 550-288457/10	50.0	1.650839	25.0	1246896.0	0.033017	Y
8	STD8 550-288457/11	75.0	2.244596	25.0	1248287.0	0.029928	Y
9	STD9 550-288457/12	100.0	3.083125	25.0	1217920.0	0.030831	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

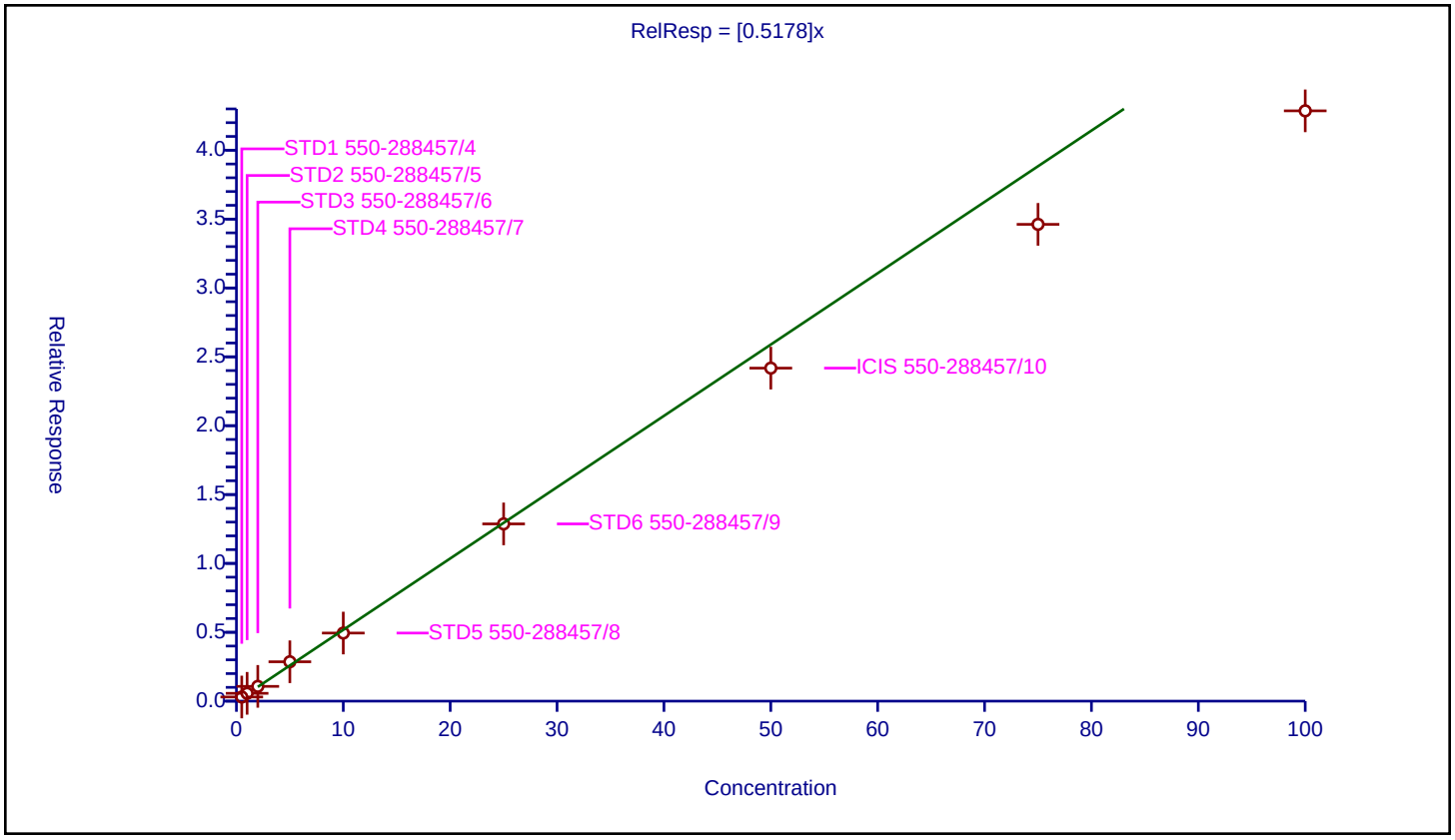
Curve Coefficients

Intercept:	0
Slope:	0.5178

Error Coefficients

Standard Error:	749000
Relative Standard Error:	10.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.30128	25.0	764322.0	0.60256	Y
2	STD2 550-288457/5	1.0	0.566643	25.0	769665.0	0.566643	Y
3	STD3 550-288457/6	2.0	1.072808	25.0	805293.0	0.536404	Y
4	STD4 550-288457/7	5.0	2.858735	25.0	713270.0	0.571747	Y
5	STD5 550-288457/8	10.0	4.943207	25.0	794823.0	0.494321	Y
6	STD6 550-288457/9	25.0	12.868565	25.0	844560.0	0.514743	Y
7	ICIS 550-288457/10	50.0	24.179599	25.0	863023.0	0.483592	Y
8	STD8 550-288457/11	75.0	34.617262	25.0	860276.0	0.461563	Y
9	STD9 550-288457/12	100.0	42.858605	25.0	854672.0	0.428586	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

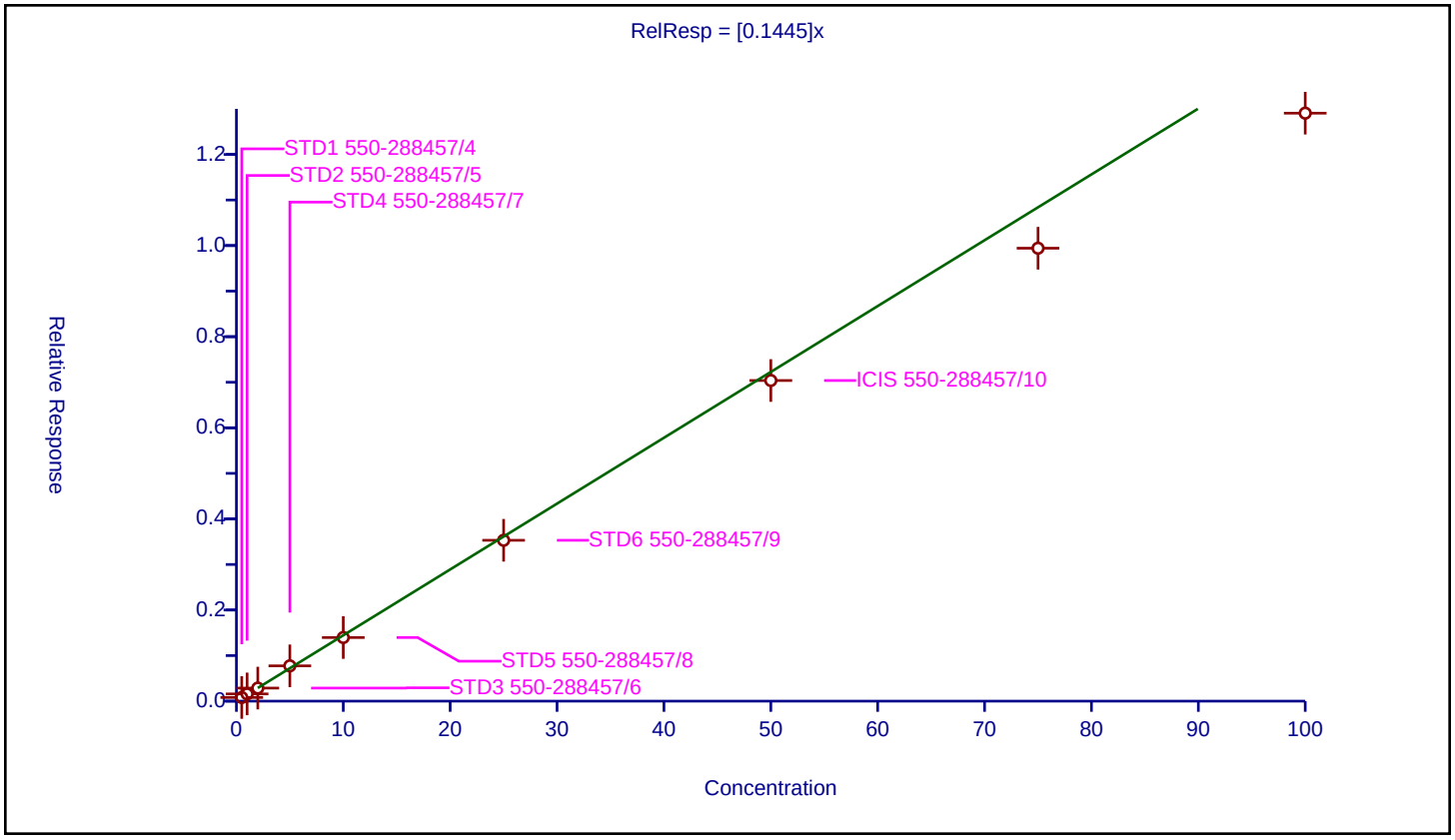
Curve Coefficients

Intercept:	0
Slope:	0.1445

Error Coefficients

Standard Error:	317000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.080247	25.0	1200357.0	0.160494	Y
2	STD2 550-288457/5	1.0	0.158533	25.0	1192497.0	0.158533	Y
3	STD3 550-288457/6	2.0	0.286983	25.0	1218189.0	0.143492	Y
4	STD4 550-288457/7	5.0	0.774642	25.0	1115160.0	0.154928	Y
5	STD5 550-288457/8	10.0	1.396379	25.0	1134022.0	0.139638	Y
6	STD6 550-288457/9	25.0	3.530786	25.0	1257397.0	0.141231	Y
7	ICIS 550-288457/10	50.0	7.037937	25.0	1246896.0	0.140759	Y
8	STD8 550-288457/11	75.0	9.941844	25.0	1248287.0	0.132558	Y
9	STD9 550-288457/12	100.0	12.906082	25.0	1217920.0	0.129061	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

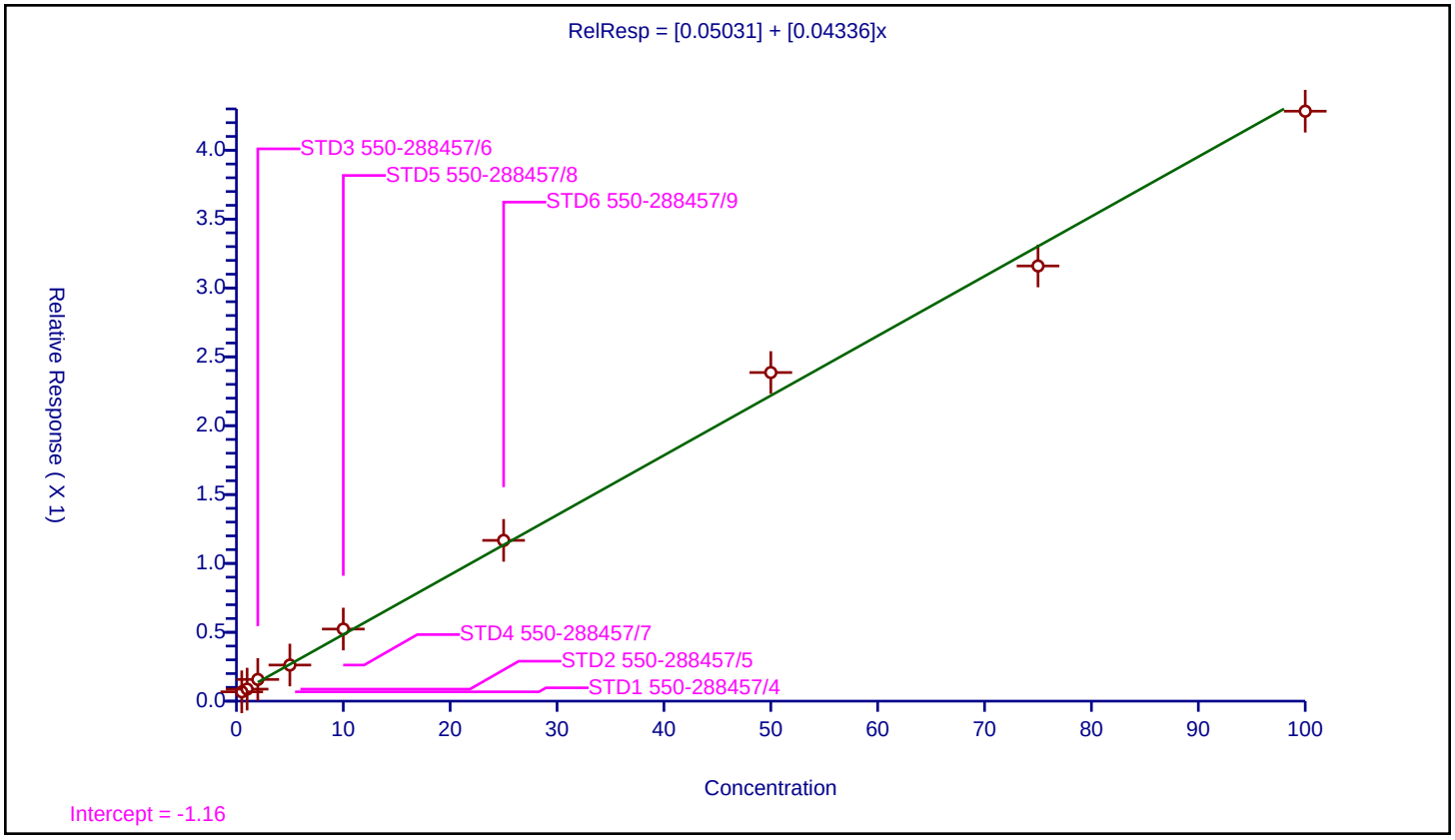
Curve Coefficients

Intercept:	0.05031
Slope:	0.04336

Error Coefficients

Standard Error:	77400
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.067707	25.0	764322.0	0.135414	Y
2	STD2 550-288457/5	1.0	0.087278	25.0	769665.0	0.087278	Y
3	STD3 550-288457/6	2.0	0.157489	25.0	805293.0	0.078745	Y
4	STD4 550-288457/7	5.0	0.262138	25.0	713270.0	0.052428	Y
5	STD5 550-288457/8	10.0	0.523324	25.0	794823.0	0.052332	Y
6	STD6 550-288457/9	25.0	1.167383	25.0	844560.0	0.046695	Y
7	ICIS 550-288457/10	50.0	2.385945	25.0	863023.0	0.047719	Y
8	STD8 550-288457/11	75.0	3.159742	25.0	860276.0	0.04213	Y
9	STD9 550-288457/12	100.0	4.283427	25.0	854672.0	0.042834	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

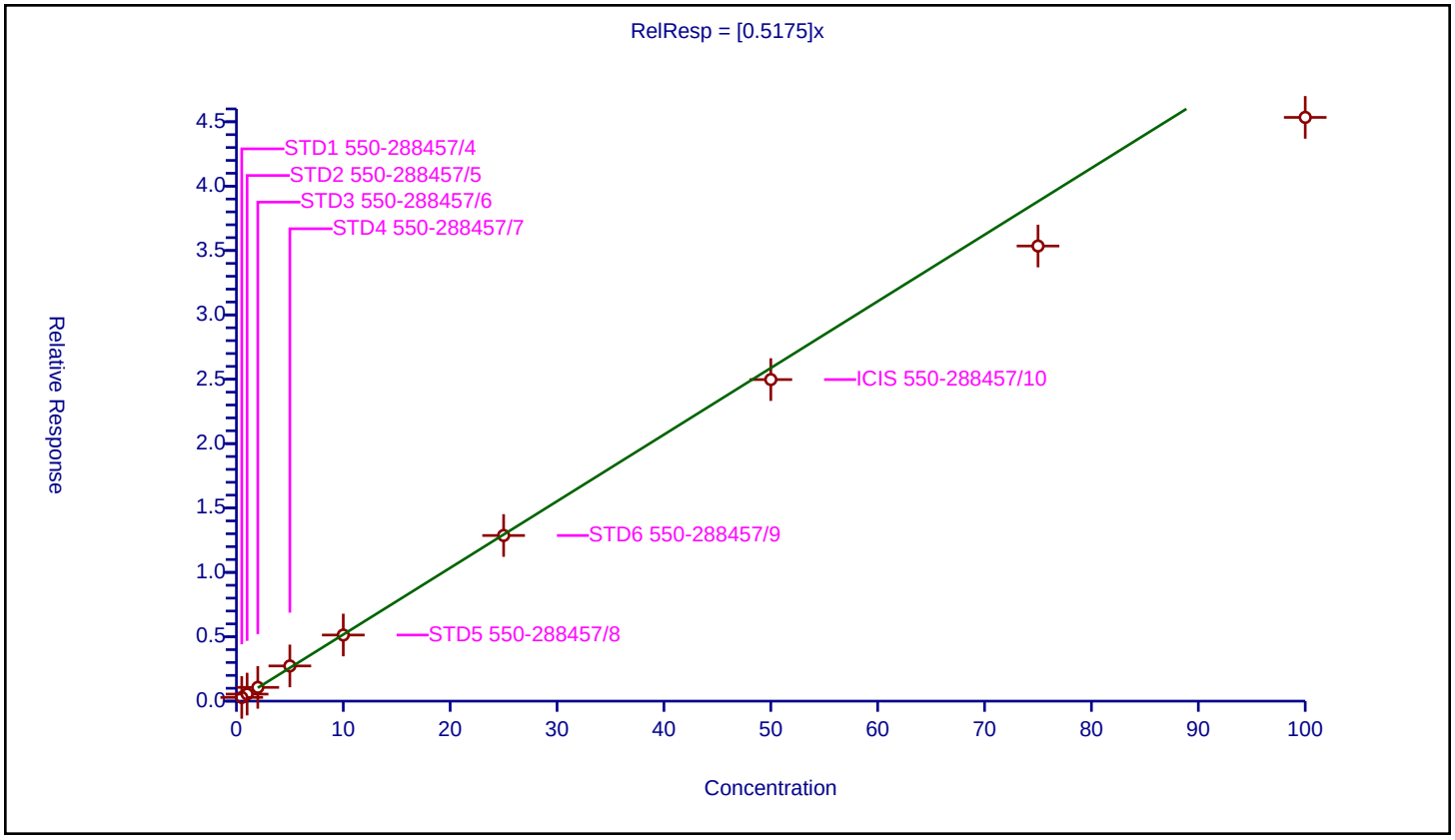
Curve Coefficients

Intercept:	0
Slope:	0.5175

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.288477	25.0	1200357.0	0.576953	Y
2	STD2 550-288457/5	1.0	0.547402	25.0	1192497.0	0.547402	Y
3	STD3 550-288457/6	2.0	1.06765	25.0	1218189.0	0.533825	Y
4	STD4 550-288457/7	5.0	2.73472	25.0	1115160.0	0.546944	Y
5	STD5 550-288457/8	10.0	5.136364	25.0	1134022.0	0.513636	Y
6	STD6 550-288457/9	25.0	12.866243	25.0	1257397.0	0.51465	Y
7	ICIS 550-288457/10	50.0	24.976622	25.0	1246896.0	0.499532	Y
8	STD8 550-288457/11	75.0	35.349763	25.0	1248287.0	0.47133	Y
9	STD9 550-288457/12	100.0	45.33978	25.0	1217920.0	0.453398	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

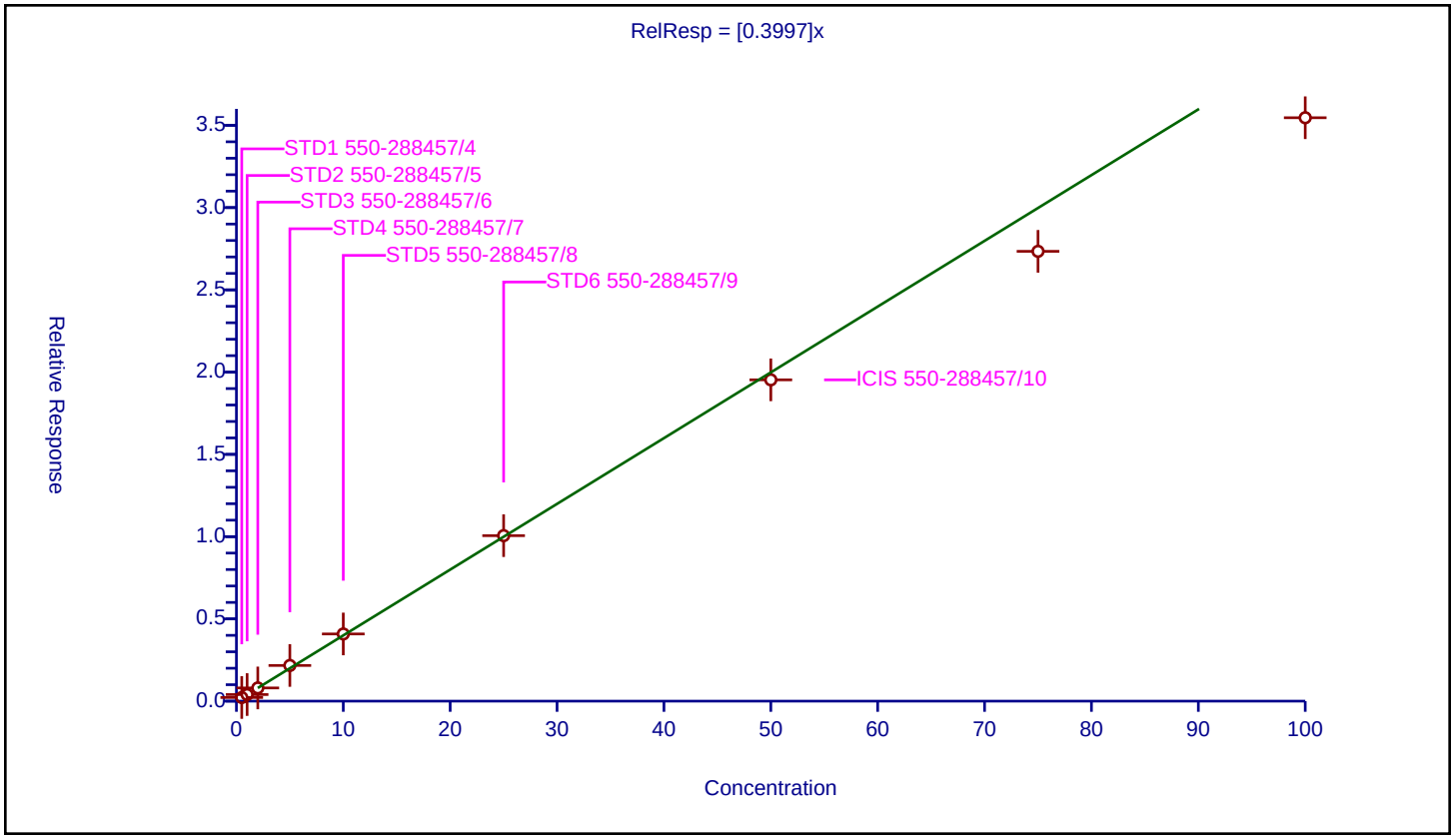
Curve Coefficients

Intercept:	0
Slope:	0.3997

Error Coefficients

Standard Error:	873000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220247	25.0	1200357.0	0.440494	Y
2	STD2 550-288457/5	1.0	0.40107	25.0	1192497.0	0.40107	Y
3	STD3 550-288457/6	2.0	0.80277	25.0	1218189.0	0.401385	Y
4	STD4 550-288457/7	5.0	2.168344	25.0	1115160.0	0.433669	Y
5	STD5 550-288457/8	10.0	4.083695	25.0	1134022.0	0.40837	Y
6	STD6 550-288457/9	25.0	10.058736	25.0	1257397.0	0.402349	Y
7	ICIS 550-288457/10	50.0	19.529516	25.0	1246896.0	0.39059	Y
8	STD8 550-288457/11	75.0	27.341108	25.0	1248287.0	0.364548	Y
9	STD9 550-288457/12	100.0	35.461853	25.0	1217920.0	0.354619	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

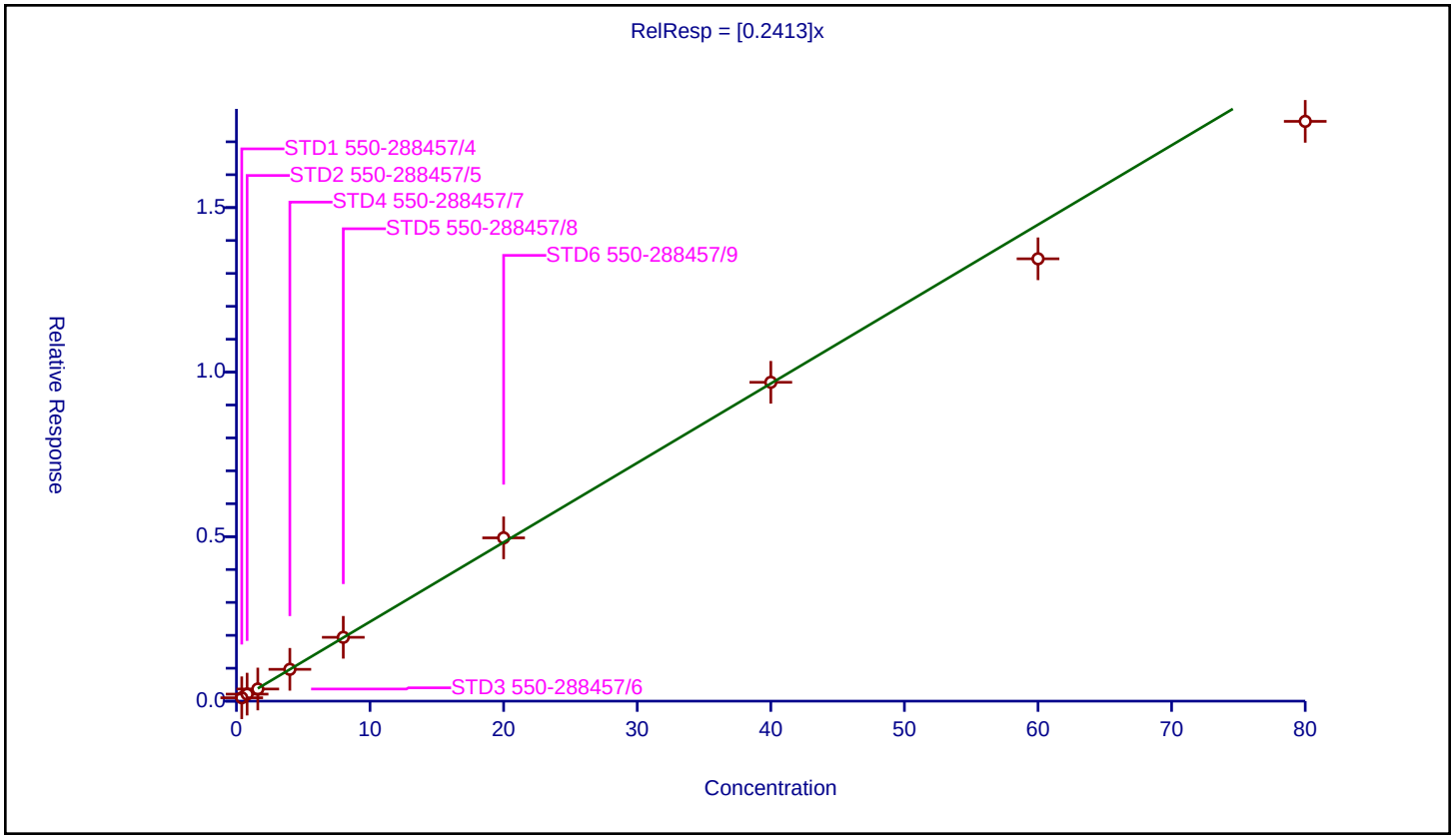
Curve Coefficients

Intercept:	0
Slope:	0.2413

Error Coefficients

Standard Error:	432000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.102574	25.0	1200357.0	0.256434	Y
2	STD2 550-288457/5	0.8	0.212936	25.0	1192497.0	0.266169	Y
3	STD3 550-288457/6	1.6	0.369031	25.0	1218189.0	0.230645	Y
4	STD4 550-288457/7	4.0	0.966565	25.0	1115160.0	0.241641	Y
5	STD5 550-288457/8	8.0	1.939711	25.0	1134022.0	0.242464	Y
6	STD6 550-288457/9	20.0	4.962295	25.0	1257397.0	0.248115	Y
7	ICIS 550-288457/10	40.0	9.690704	25.0	1246896.0	0.242268	Y
8	STD8 550-288457/11	60.0	13.444484	25.0	1248287.0	0.224075	Y
9	STD9 550-288457/12	80.0	17.621026	25.0	1217920.0	0.220263	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

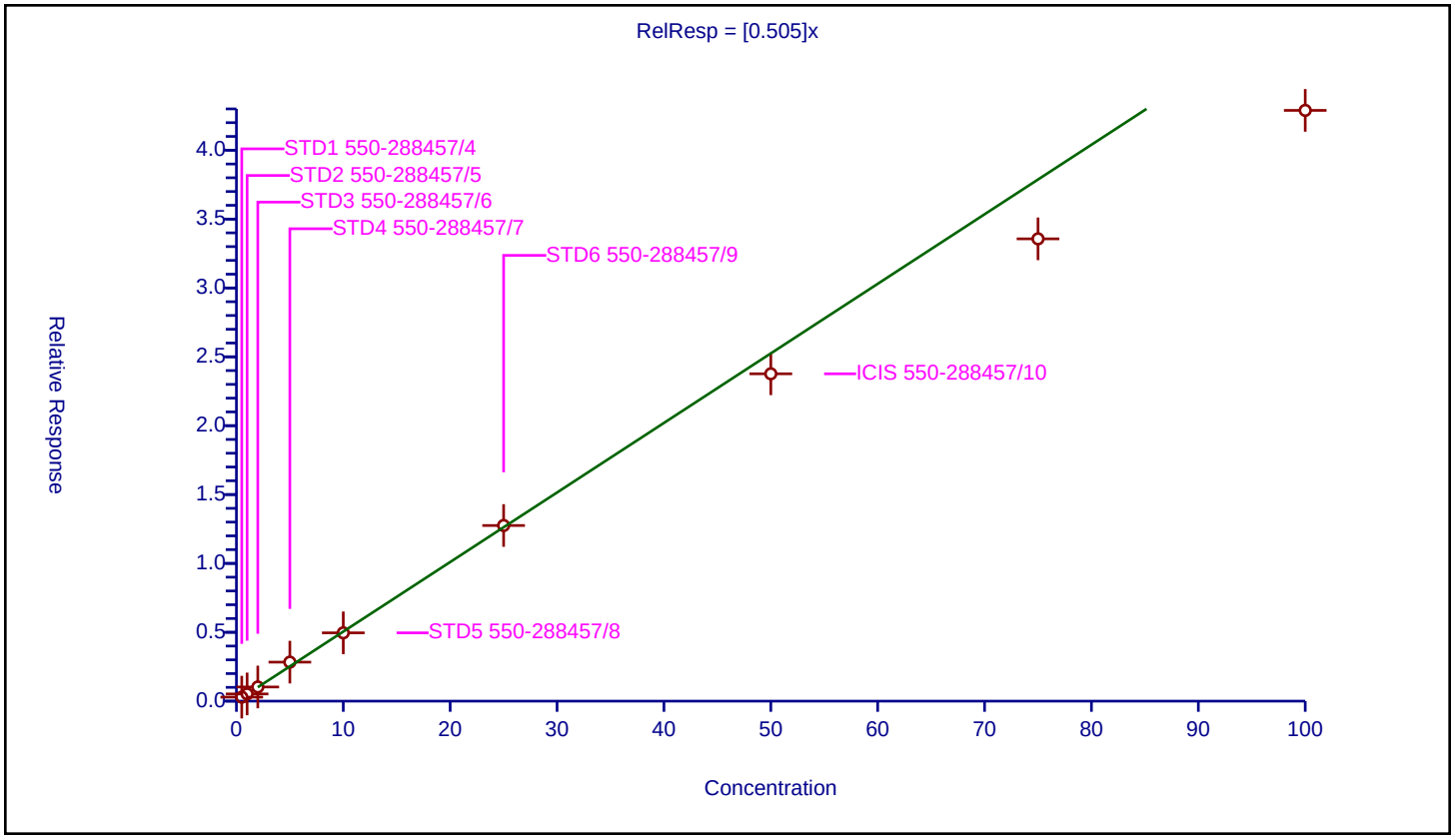
Curve Coefficients

Intercept:	0
Slope:	0.505

Error Coefficients

Standard Error:	740000
Relative Standard Error:	10.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.291566	25.0	764322.0	0.583131	Y
2	STD2 550-288457/5	1.0	0.523215	25.0	769665.0	0.523215	Y
3	STD3 550-288457/6	2.0	1.028415	25.0	805293.0	0.514207	Y
4	STD4 550-288457/7	5.0	2.831922	25.0	713270.0	0.566384	Y
5	STD5 550-288457/8	10.0	4.959029	25.0	794823.0	0.495903	Y
6	STD6 550-288457/9	25.0	12.751758	25.0	844560.0	0.51007	Y
7	ICIS 550-288457/10	50.0	23.765937	25.0	863023.0	0.475319	Y
8	STD8 550-288457/11	75.0	33.565245	25.0	860276.0	0.447537	Y
9	STD9 550-288457/12	100.0	42.890869	25.0	854672.0	0.428909	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

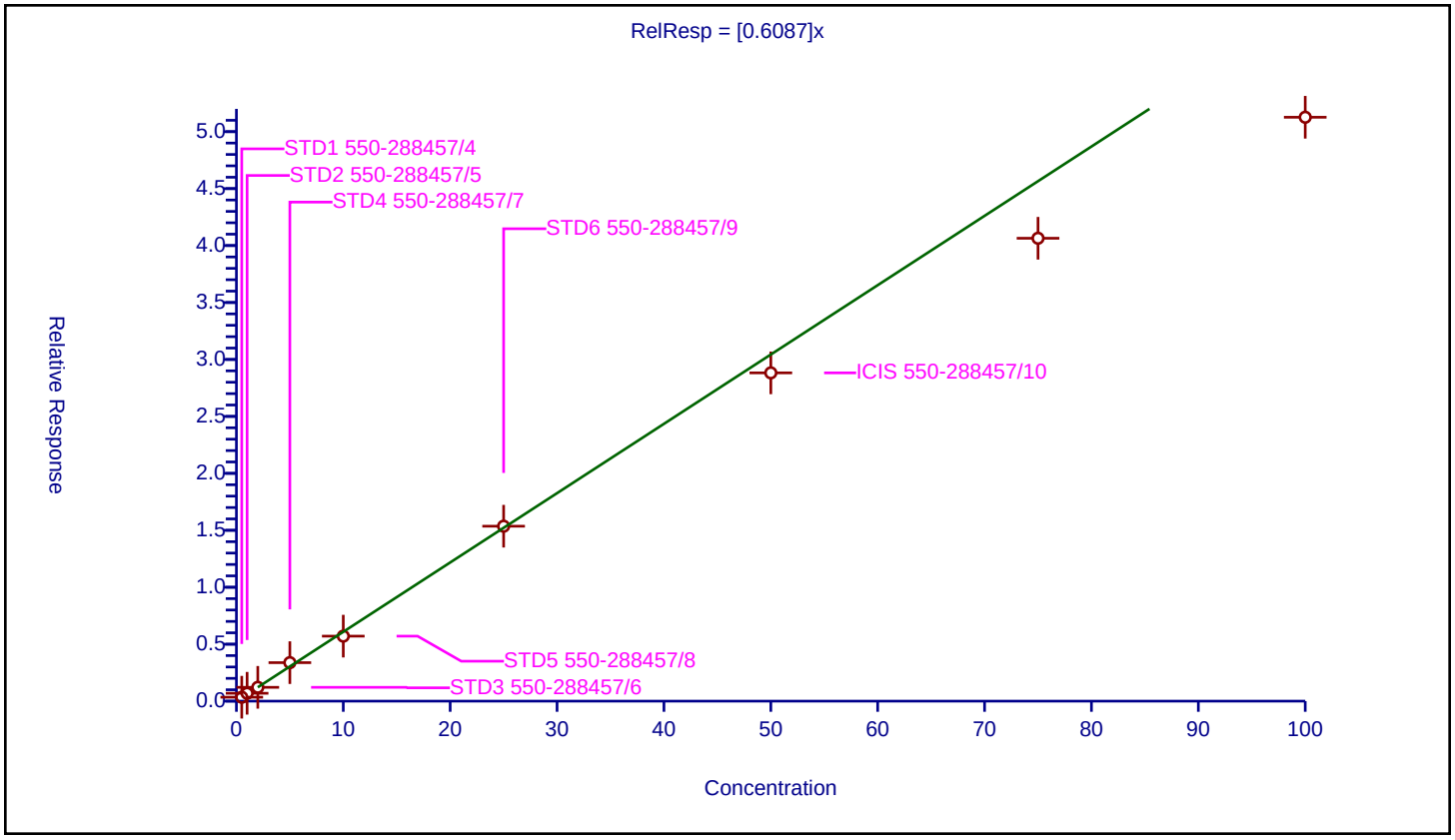
Curve Coefficients

Intercept:	0
Slope:	0.6087

Error Coefficients

Standard Error:	890000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.343736	25.0	764322.0	0.687472	Y
2	STD2 550-288457/5	1.0	0.691567	25.0	769665.0	0.691567	Y
3	STD3 550-288457/6	2.0	1.213285	25.0	805293.0	0.606643	Y
4	STD4 550-288457/7	5.0	3.381118	25.0	713270.0	0.676224	Y
5	STD5 550-288457/8	10.0	5.707875	25.0	794823.0	0.570787	Y
6	STD6 550-288457/9	25.0	15.359921	25.0	844560.0	0.614397	Y
7	ICIS 550-288457/10	50.0	28.824174	25.0	863023.0	0.576483	Y
8	STD8 550-288457/11	75.0	40.64248	25.0	860276.0	0.5419	Y
9	STD9 550-288457/12	100.0	51.265983	25.0	854672.0	0.51266	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

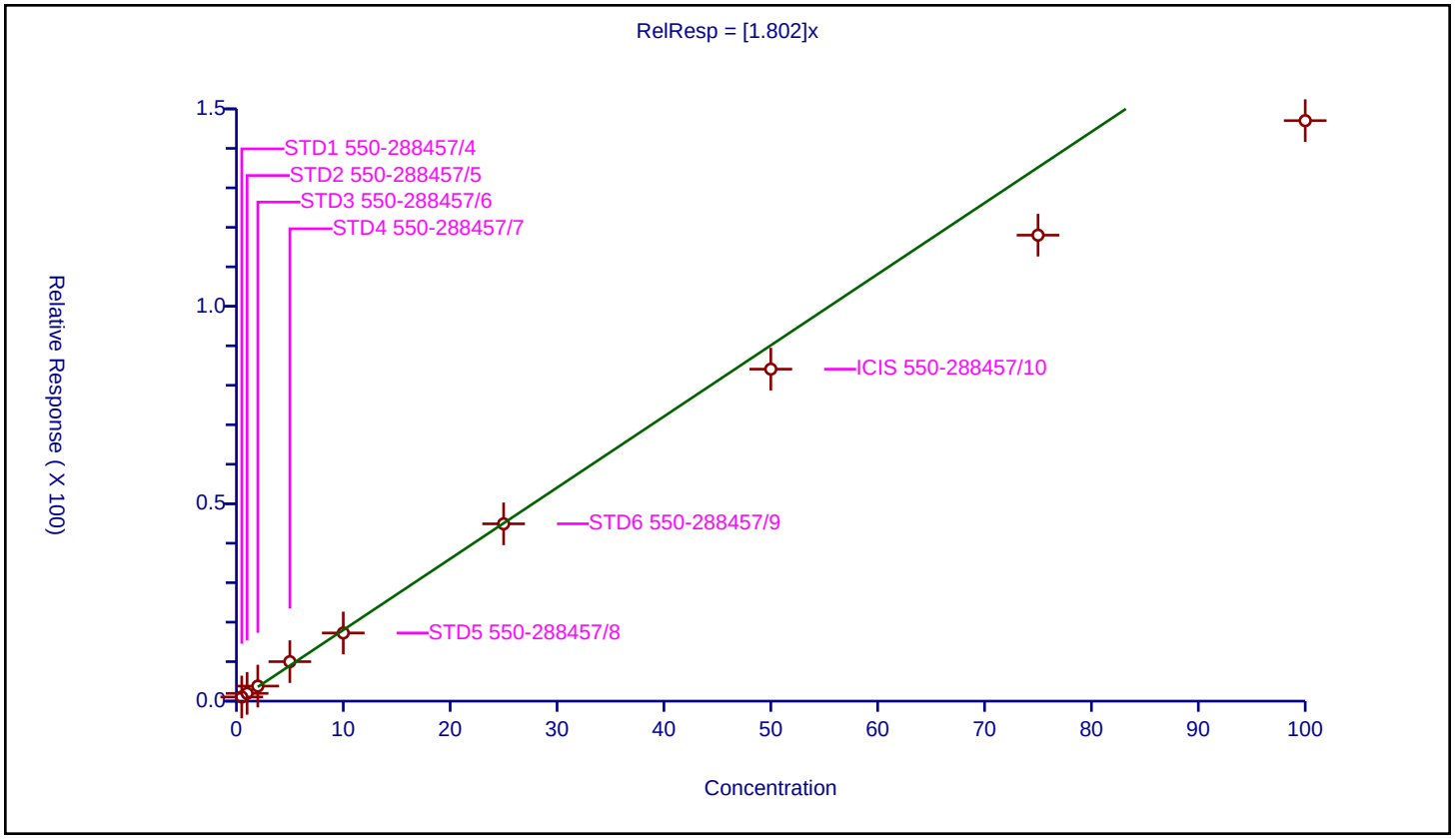
Curve Coefficients

Intercept:	0
Slope:	1.802

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	11.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.049394	25.0	764322.0	2.098788	Y
2	STD2 550-288457/5	1.0	1.96644	25.0	769665.0	1.96644	Y
3	STD3 550-288457/6	2.0	3.815971	25.0	805293.0	1.907986	Y
4	STD4 550-288457/7	5.0	9.999334	25.0	713270.0	1.999867	Y
5	STD5 550-288457/8	10.0	17.266454	25.0	794823.0	1.726645	Y
6	STD6 550-288457/9	25.0	44.906519	25.0	844560.0	1.796261	Y
7	ICIS 550-288457/10	50.0	84.091183	25.0	863023.0	1.681824	Y
8	STD8 550-288457/11	75.0	118.016834	25.0	860276.0	1.573558	Y
9	STD9 550-288457/12	100.0	147.021723	25.0	854672.0	1.470217	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

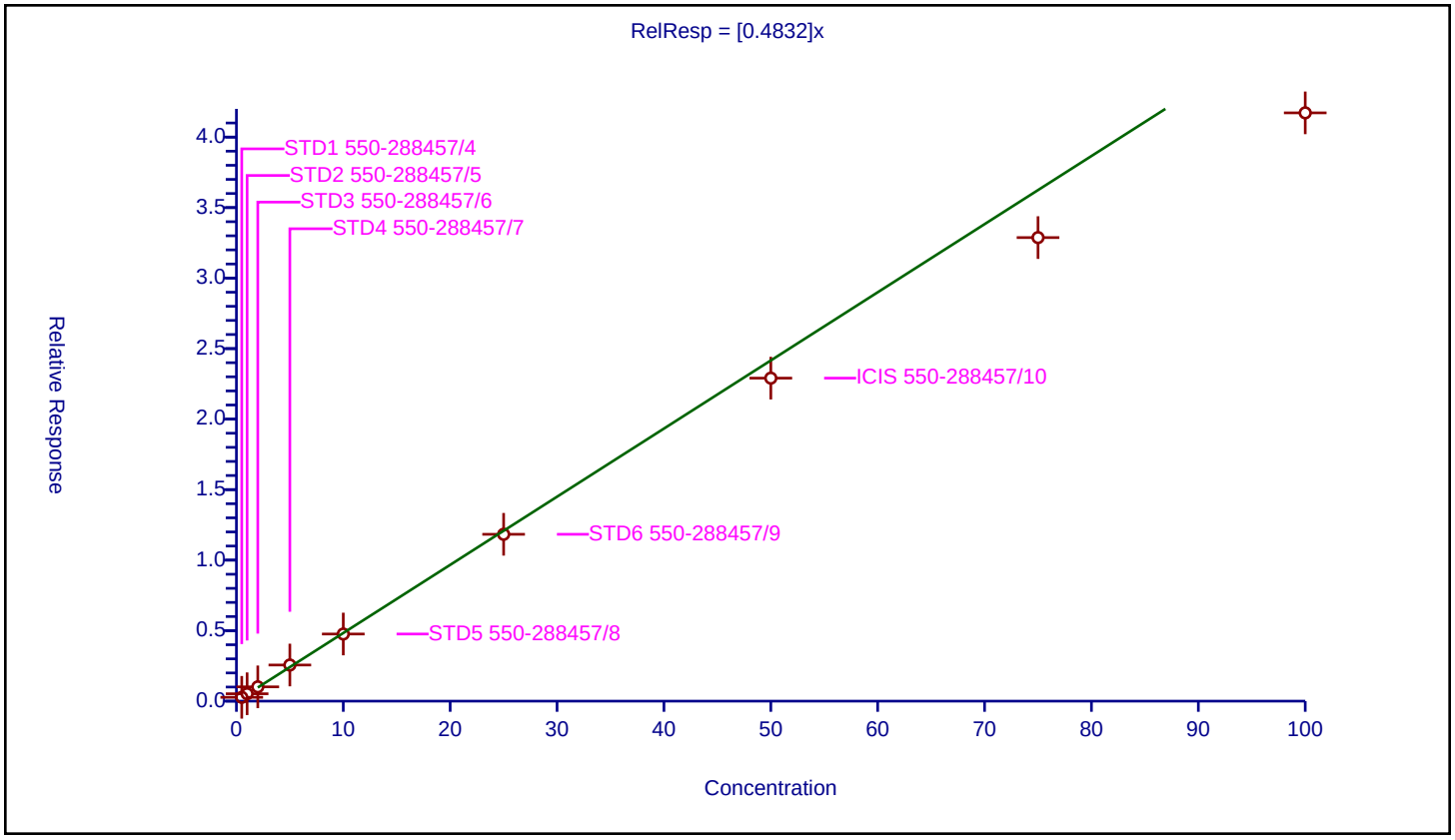
Curve Coefficients

Intercept:	0
Slope:	0.4832

Error Coefficients

Standard Error:	718000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.271123	25.0	764322.0	0.542245	Y
2	STD2 550-288457/5	1.0	0.524352	25.0	769665.0	0.524352	Y
3	STD3 550-288457/6	2.0	1.013699	25.0	805293.0	0.50685	Y
4	STD4 550-288457/7	5.0	2.563055	25.0	713270.0	0.512611	Y
5	STD5 550-288457/8	10.0	4.760085	25.0	794823.0	0.476008	Y
6	STD6 550-288457/9	25.0	11.832197	25.0	844560.0	0.473288	Y
7	ICIS 550-288457/10	50.0	22.906255	25.0	863023.0	0.458125	Y
8	STD8 550-288457/11	75.0	32.872793	25.0	860276.0	0.438304	Y
9	STD9 550-288457/12	100.0	41.718373	25.0	854672.0	0.417184	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

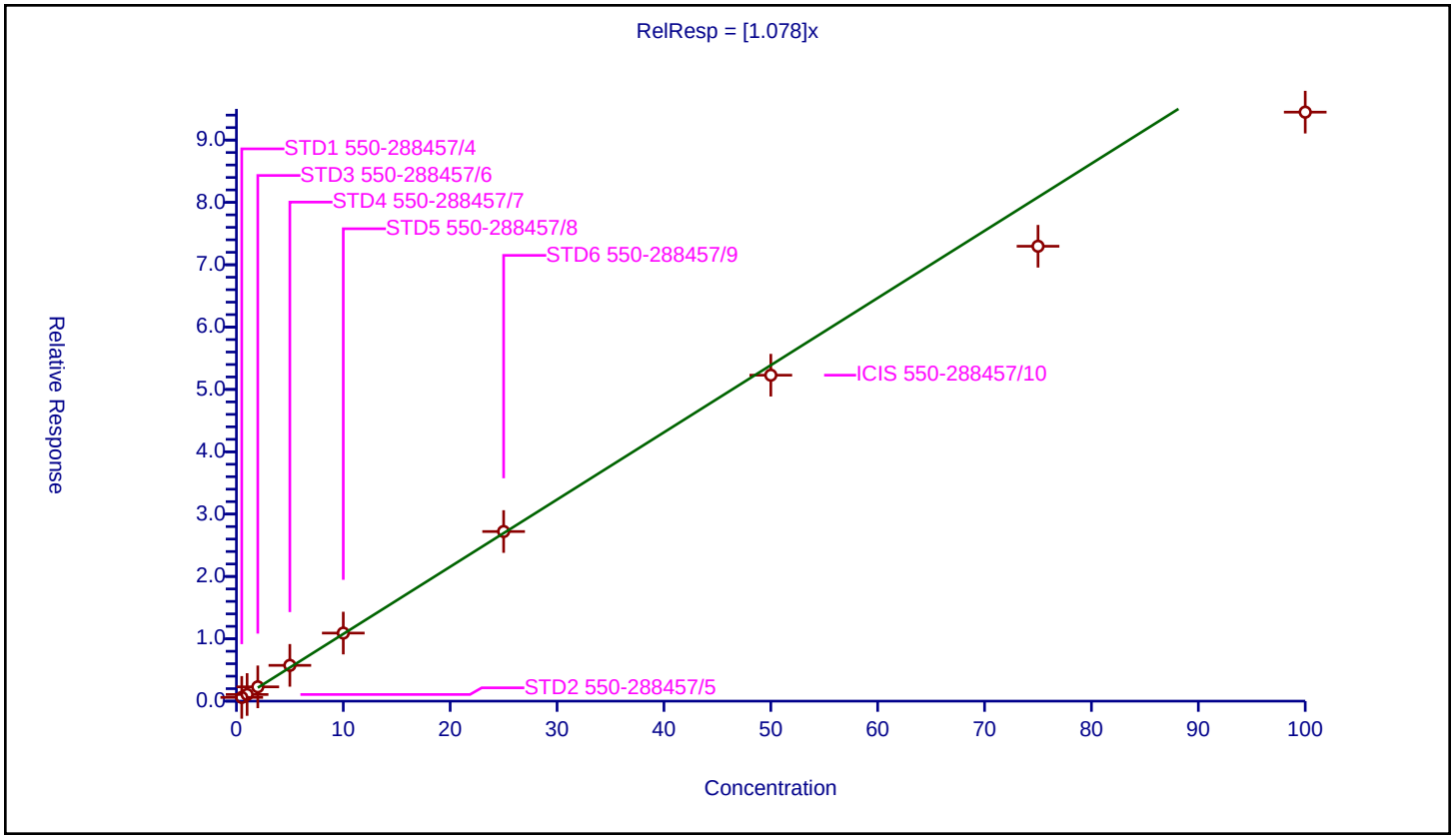
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	7.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.599093	25.0	764322.0	1.198186	Y
2	STD2 550-288457/5	1.0	1.065204	25.0	769665.0	1.065204	Y
3	STD3 550-288457/6	2.0	2.291061	25.0	805293.0	1.14553	Y
4	STD4 550-288457/7	5.0	5.73836	25.0	713270.0	1.147672	Y
5	STD5 550-288457/8	10.0	10.916896	25.0	794823.0	1.09169	Y
6	STD6 550-288457/9	25.0	27.209938	25.0	844560.0	1.088398	Y
7	ICIS 550-288457/10	50.0	52.28476	25.0	863023.0	1.045695	Y
8	STD8 550-288457/11	75.0	72.965885	25.0	860276.0	0.972878	Y
9	STD9 550-288457/12	100.0	94.479695	25.0	854672.0	0.944797	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

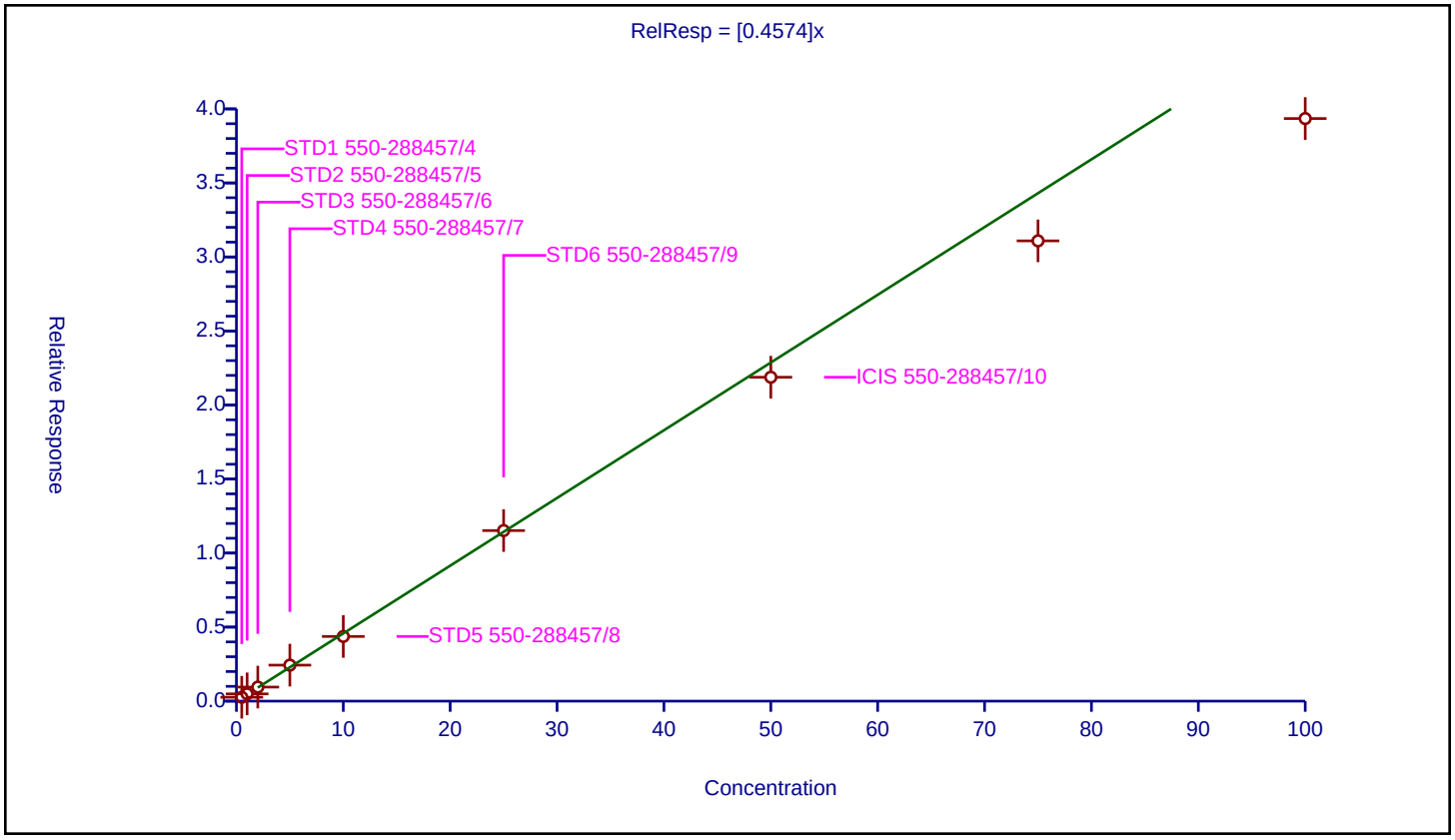
Curve Coefficients

Intercept:	0
Slope:	0.4574

Error Coefficients

Standard Error:	680000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.261048	25.0	764322.0	0.522097	Y
2	STD2 550-288457/5	1.0	0.490376	25.0	769665.0	0.490376	Y
3	STD3 550-288457/6	2.0	0.948692	25.0	805293.0	0.474346	Y
4	STD4 550-288457/7	5.0	2.431968	25.0	713270.0	0.486394	Y
5	STD5 550-288457/8	10.0	4.368866	25.0	794823.0	0.436887	Y
6	STD6 550-288457/9	25.0	11.520496	25.0	844560.0	0.46082	Y
7	ICIS 550-288457/10	50.0	21.876763	25.0	863023.0	0.437535	Y
8	STD8 550-288457/11	75.0	31.086273	25.0	860276.0	0.414484	Y
9	STD9 550-288457/12	100.0	39.348399	25.0	854672.0	0.393484	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

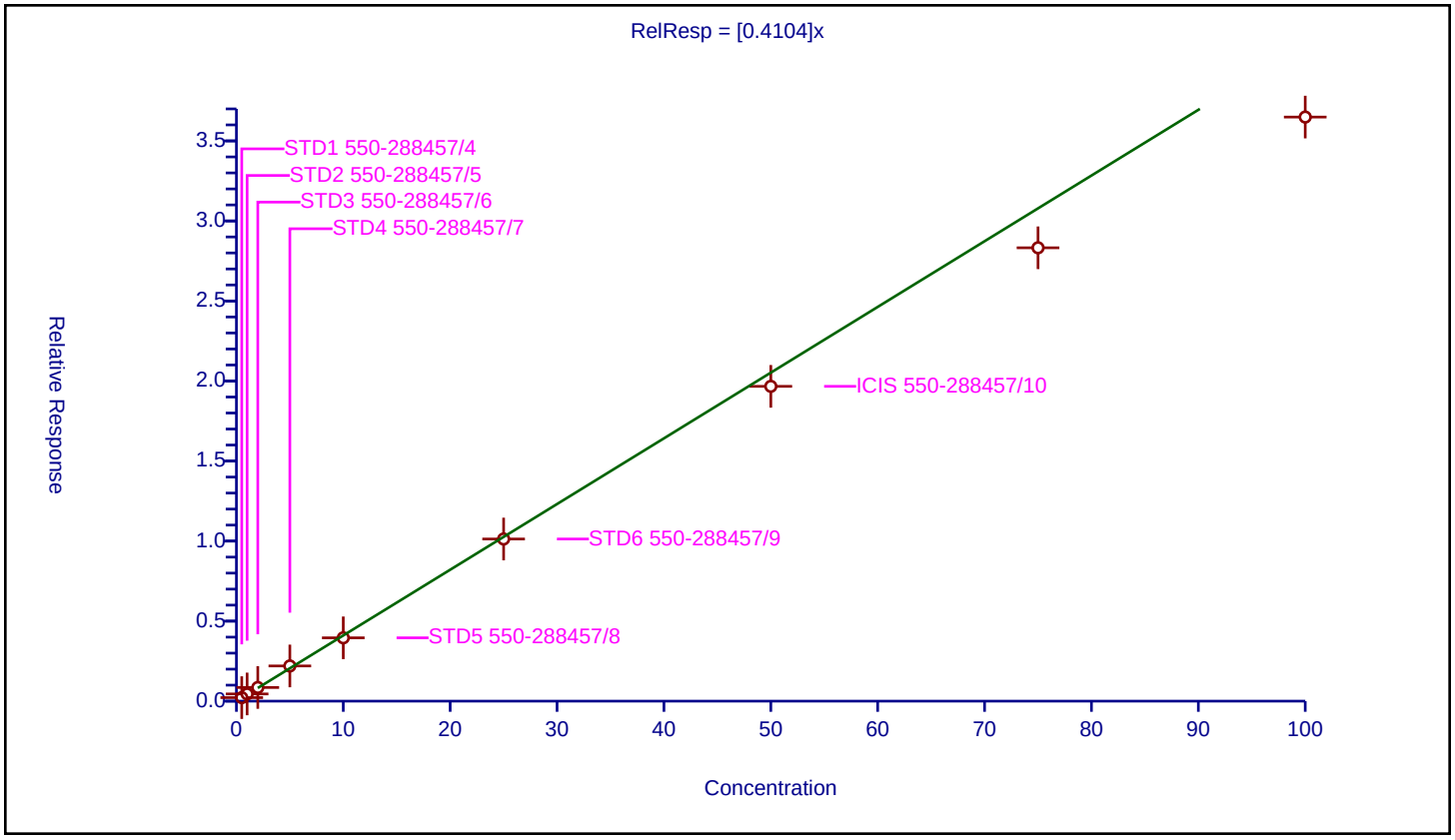
Curve Coefficients

Intercept:	0
Slope:	0.4104

Error Coefficients

Standard Error:	623000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.220359	25.0	764322.0	0.440717	Y
2	STD2 550-288457/5	1.0	0.450521	25.0	769665.0	0.450521	Y
3	STD3 550-288457/6	2.0	0.852609	25.0	805293.0	0.426304	Y
4	STD4 550-288457/7	5.0	2.199448	25.0	713270.0	0.43989	Y
5	STD5 550-288457/8	10.0	3.95522	25.0	794823.0	0.395522	Y
6	STD6 550-288457/9	25.0	10.129742	25.0	844560.0	0.40519	Y
7	ICIS 550-288457/10	50.0	19.667263	25.0	863023.0	0.393345	Y
8	STD8 550-288457/11	75.0	28.321812	25.0	860276.0	0.377624	Y
9	STD9 550-288457/12	100.0	36.489408	25.0	854672.0	0.364894	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

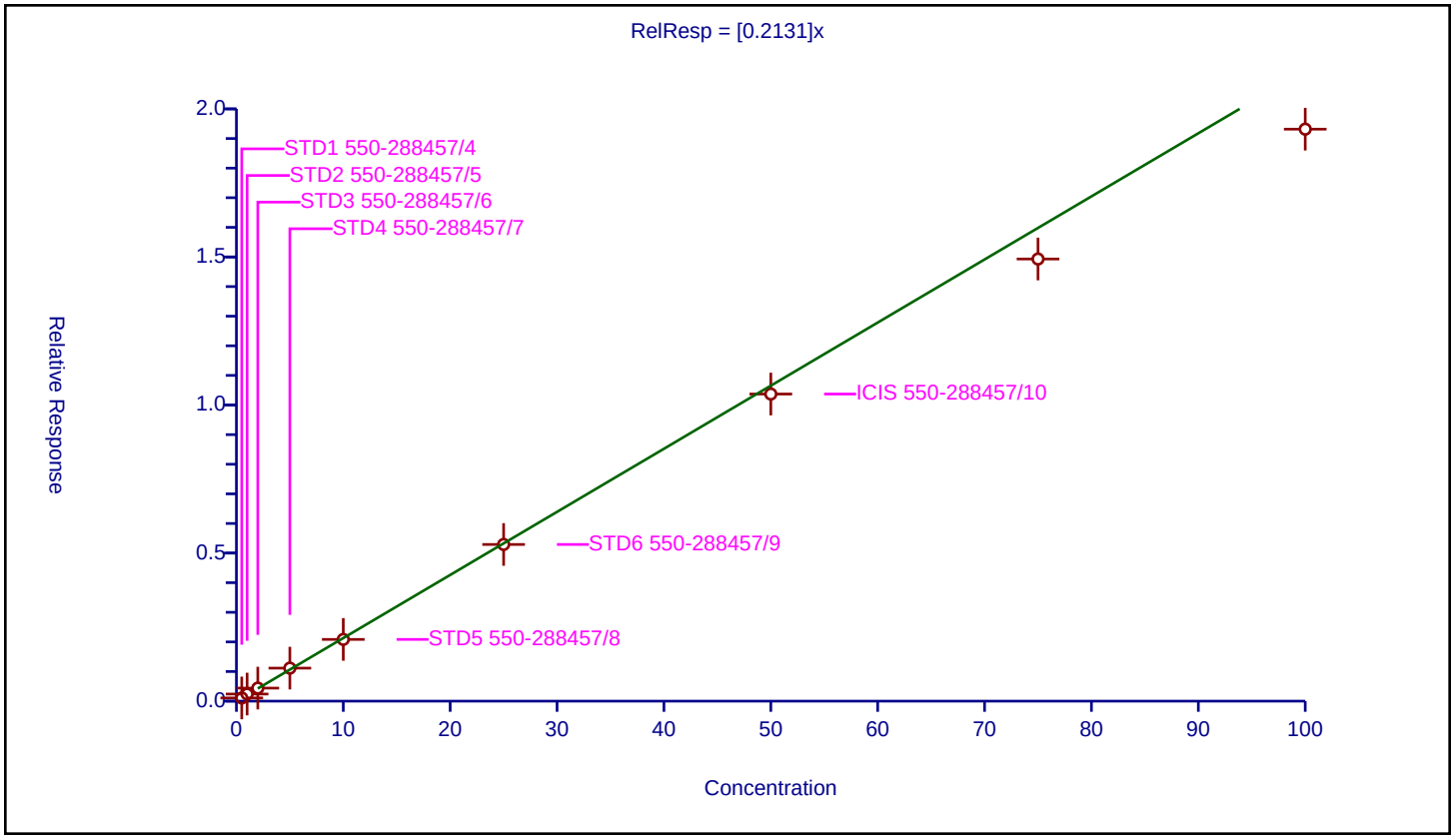
Curve Coefficients

Intercept:	0
Slope:	0.2131

Error Coefficients

Standard Error:	329000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.107415	25.0	764322.0	0.214831	Y
2	STD2 550-288457/5	1.0	0.240104	25.0	769665.0	0.240104	Y
3	STD3 550-288457/6	2.0	0.439933	25.0	805293.0	0.219967	Y
4	STD4 550-288457/7	5.0	1.115006	25.0	713270.0	0.223001	Y
5	STD5 550-288457/8	10.0	2.084049	25.0	794823.0	0.208405	Y
6	STD6 550-288457/9	25.0	5.291217	25.0	844560.0	0.211649	Y
7	ICIS 550-288457/10	50.0	10.37061	25.0	863023.0	0.207412	Y
8	STD8 550-288457/11	75.0	14.93079	25.0	860276.0	0.199077	Y
9	STD9 550-288457/12	100.0	19.315919	25.0	854672.0	0.193159	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

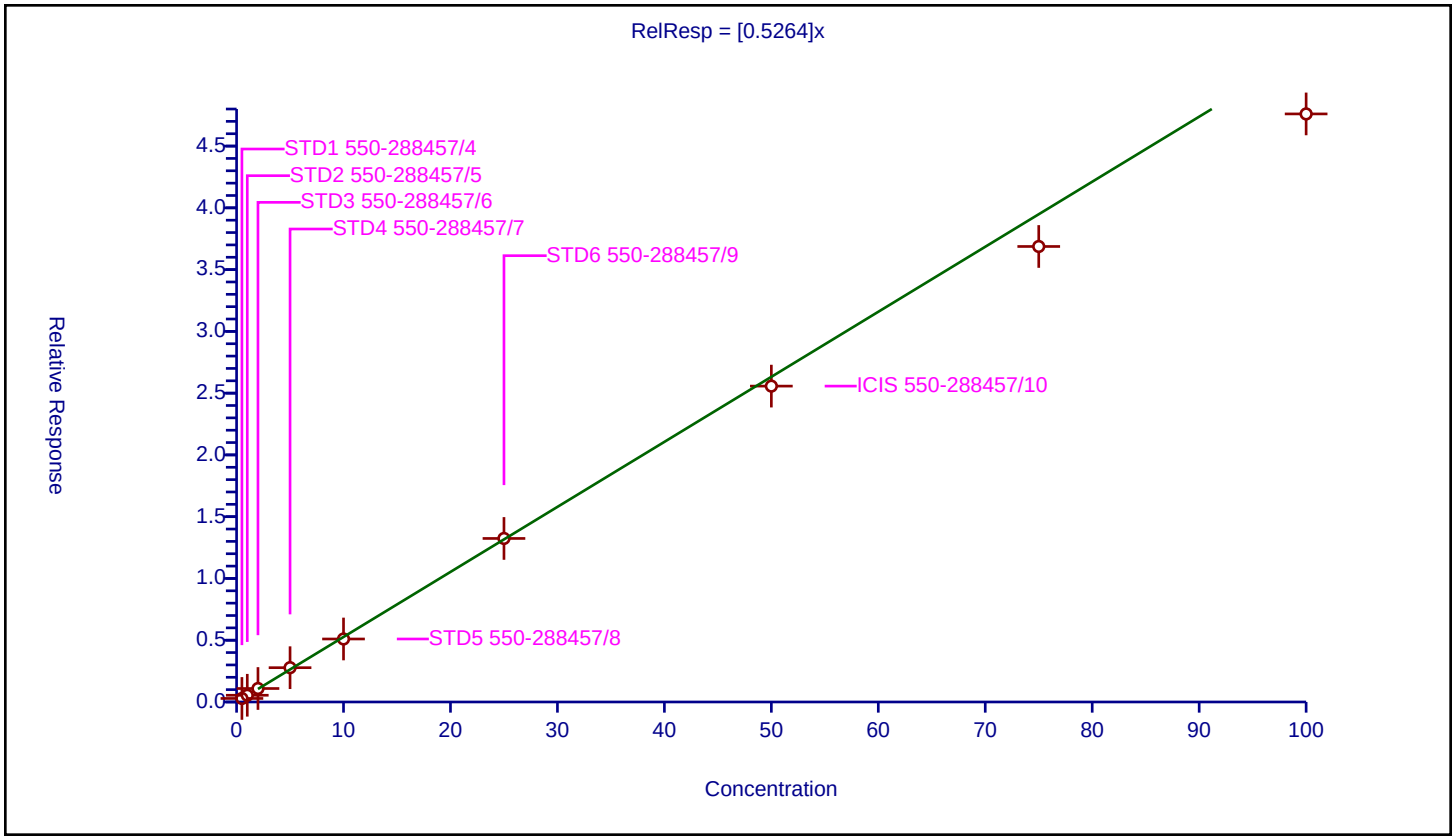
Curve Coefficients

Intercept:	0
Slope:	0.5264

Error Coefficients

Standard Error:	812000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.286986	25.0	764322.0	0.573973	Y
2	STD2 550-288457/5	1.0	0.544782	25.0	769665.0	0.544782	Y
3	STD3 550-288457/6	2.0	1.090411	25.0	805293.0	0.545205	Y
4	STD4 550-288457/7	5.0	2.776368	25.0	713270.0	0.555274	Y
5	STD5 550-288457/8	10.0	5.099563	25.0	794823.0	0.509956	Y
6	STD6 550-288457/9	25.0	13.23781	25.0	844560.0	0.529512	Y
7	ICIS 550-288457/10	50.0	25.569915	25.0	863023.0	0.511398	Y
8	STD8 550-288457/11	75.0	36.871452	25.0	860276.0	0.491619	Y
9	STD9 550-288457/12	100.0	47.601799	25.0	854672.0	0.476018	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

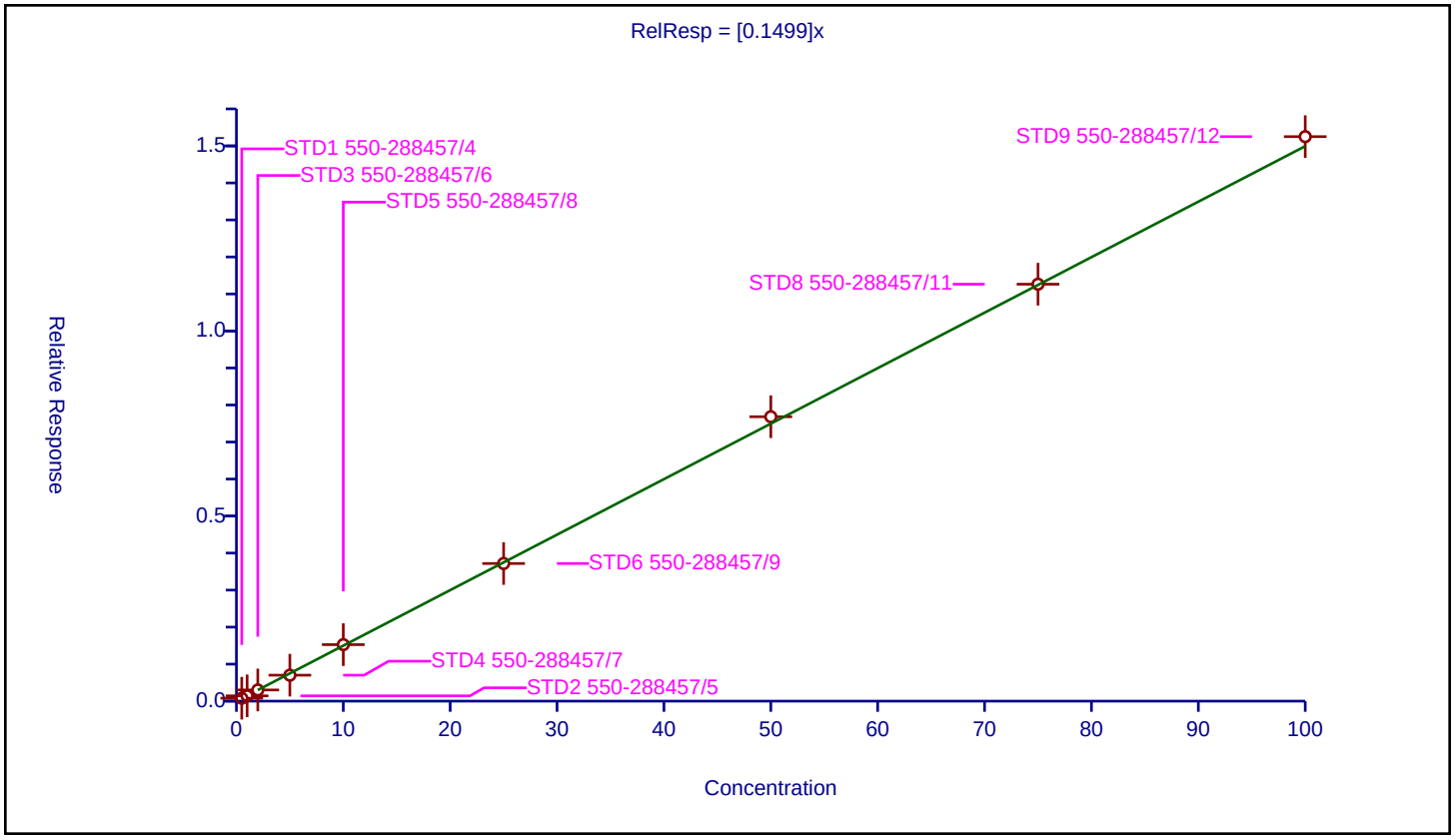
Curve Coefficients

Intercept:	0
Slope:	0.1499

Error Coefficients

Standard Error:	253000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.078828	25.0	764322.0	0.157656	Y
2	STD2 550-288457/5	1.0	0.142692	25.0	769665.0	0.142692	Y
3	STD3 550-288457/6	2.0	0.302095	25.0	805293.0	0.151048	Y
4	STD4 550-288457/7	5.0	0.700997	25.0	713270.0	0.140199	Y
5	STD5 550-288457/8	10.0	1.526378	25.0	794823.0	0.152638	Y
6	STD6 550-288457/9	25.0	3.718356	25.0	844560.0	0.148734	Y
7	ICIS 550-288457/10	50.0	7.683862	25.0	863023.0	0.153677	Y
8	STD8 550-288457/11	75.0	11.263769	25.0	860276.0	0.150184	Y
9	STD9 550-288457/12	100.0	15.250119	25.0	854672.0	0.152501	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

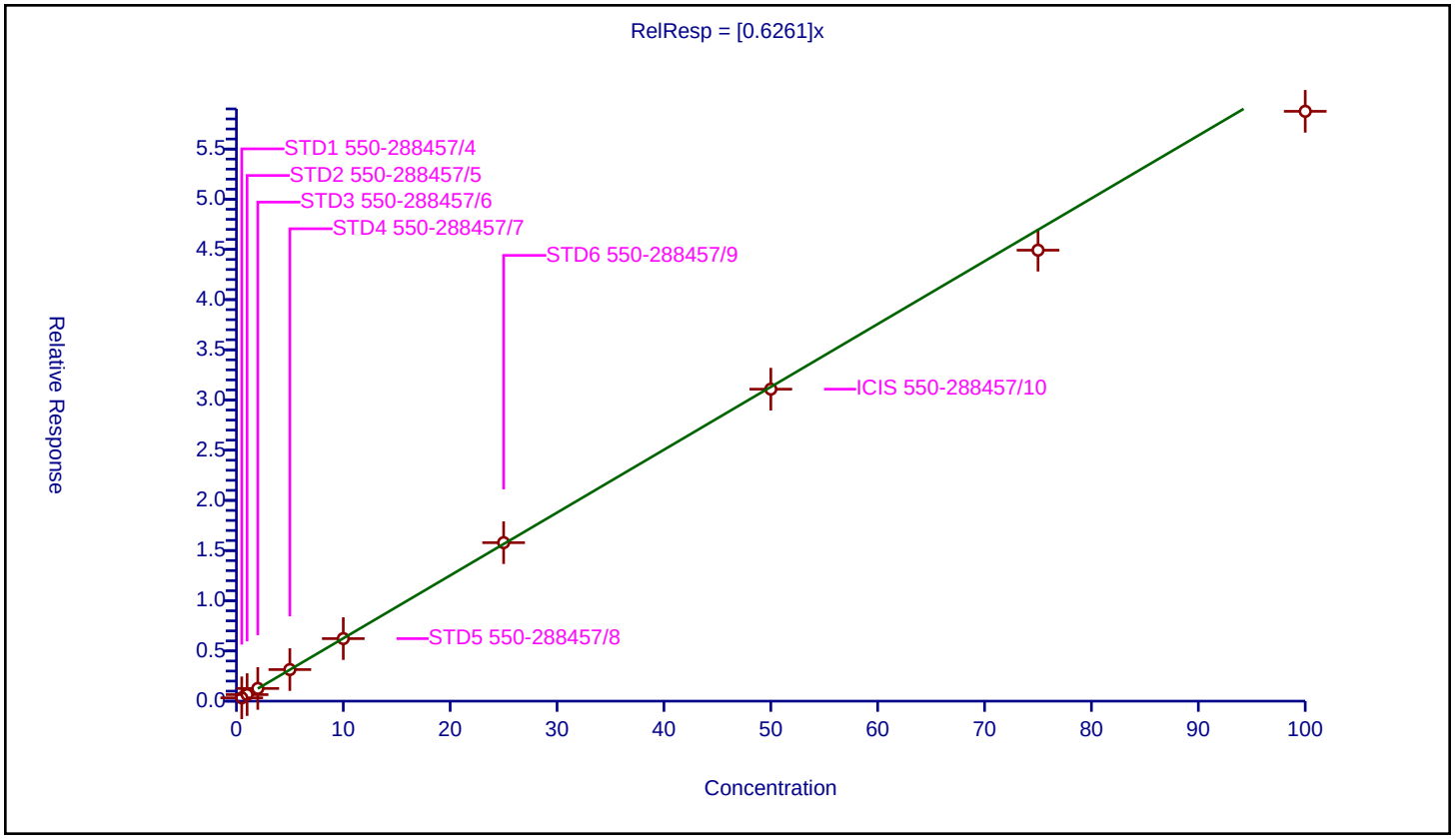
Curve Coefficients

Intercept:	0
Slope:	0.6261

Error Coefficients

Standard Error:	994000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.329639	25.0	764322.0	0.659277	Y
2	STD2 550-288457/5	1.0	0.65142	25.0	769665.0	0.65142	Y
3	STD3 550-288457/6	2.0	1.264602	25.0	805293.0	0.632301	Y
4	STD4 550-288457/7	5.0	3.145268	25.0	713270.0	0.629054	Y
5	STD5 550-288457/8	10.0	6.228494	25.0	794823.0	0.622849	Y
6	STD6 550-288457/9	25.0	15.788369	25.0	844560.0	0.631535	Y
7	ICIS 550-288457/10	50.0	31.07956	25.0	863023.0	0.621591	Y
8	STD8 550-288457/11	75.0	44.924391	25.0	860276.0	0.598992	Y
9	STD9 550-288457/12	100.0	58.75836	25.0	854672.0	0.587584	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

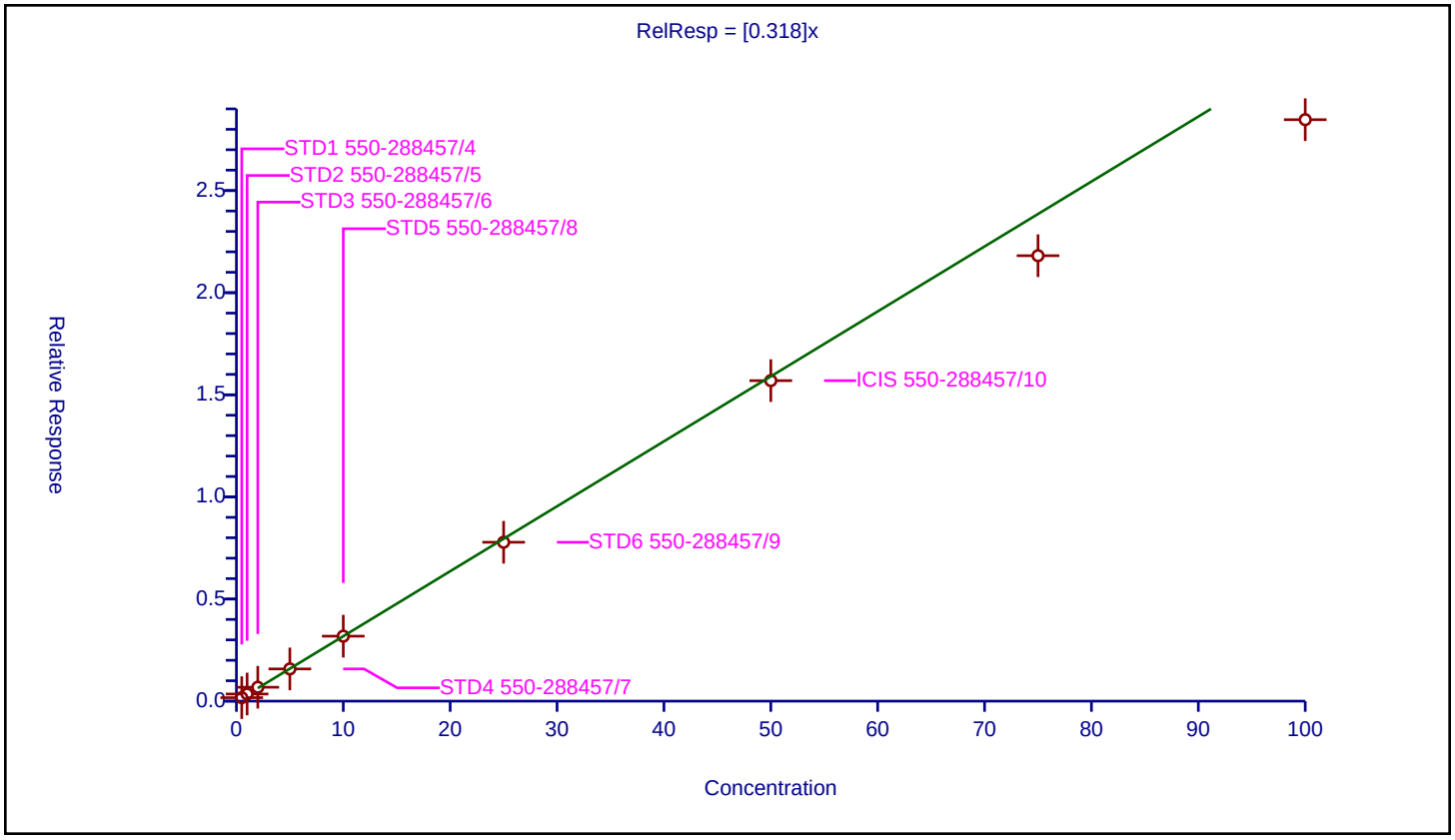
Curve Coefficients

Intercept:	0
Slope:	0.318

Error Coefficients

Standard Error:	486000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.169791	25.0	764322.0	0.339582	Y
2	STD2 550-288457/5	1.0	0.348398	25.0	769665.0	0.348398	Y
3	STD3 550-288457/6	2.0	0.680156	25.0	805293.0	0.340078	Y
4	STD4 550-288457/7	5.0	1.577348	25.0	713270.0	0.31547	Y
5	STD5 550-288457/8	10.0	3.181494	25.0	794823.0	0.318149	Y
6	STD6 550-288457/9	25.0	7.779939	25.0	844560.0	0.311198	Y
7	ICIS 550-288457/10	50.0	15.693643	25.0	863023.0	0.313873	Y
8	STD8 550-288457/11	75.0	21.811517	25.0	860276.0	0.29082	Y
9	STD9 550-288457/12	100.0	28.472297	25.0	854672.0	0.284723	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

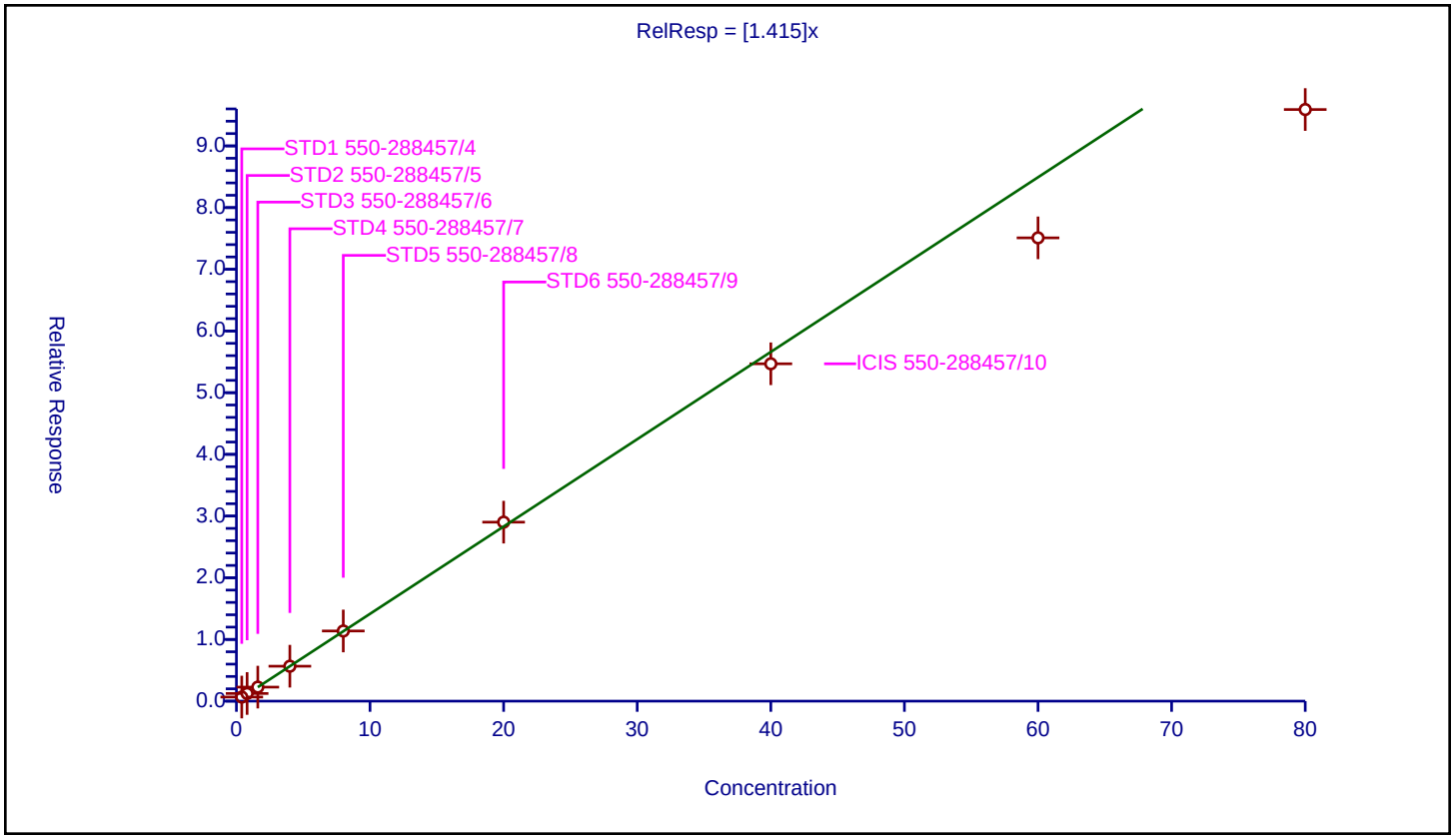
Curve Coefficients

Intercept:	0
Slope:	1.415

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	9.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.663039	25.0	764322.0	1.657597	Y
2	STD2 550-288457/5	0.8	1.242359	25.0	769665.0	1.552948	Y
3	STD3 550-288457/6	1.6	2.274296	25.0	805293.0	1.421435	Y
4	STD4 550-288457/7	4.0	5.661951	25.0	713270.0	1.415488	Y
5	STD5 550-288457/8	8.0	11.371557	25.0	794823.0	1.421445	Y
6	STD6 550-288457/9	20.0	29.015049	25.0	844560.0	1.450752	Y
7	ICIS 550-288457/10	40.0	54.683537	25.0	863023.0	1.367088	Y
8	STD8 550-288457/11	60.0	75.096888	25.0	860276.0	1.251615	Y
9	STD9 550-288457/12	80.0	95.895589	25.0	854672.0	1.198695	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

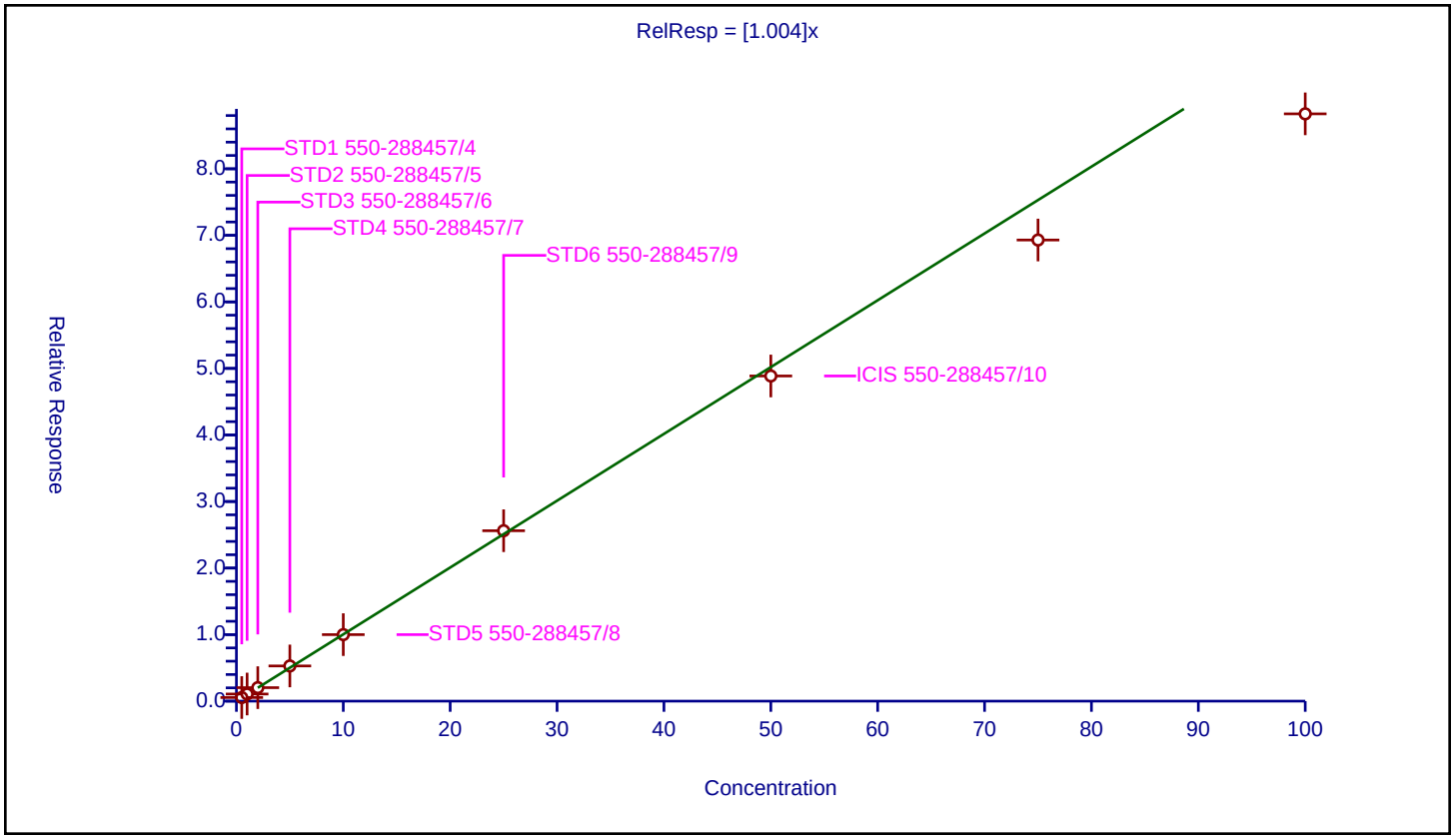
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.543815	25.0	764322.0	1.087631	Y
2	STD2 550-288457/5	1.0	1.069816	25.0	769665.0	1.069816	Y
3	STD3 550-288457/6	2.0	2.02566	25.0	805293.0	1.01283	Y
4	STD4 550-288457/7	5.0	5.287759	25.0	713270.0	1.057552	Y
5	STD5 550-288457/8	10.0	9.996439	25.0	794823.0	0.999644	Y
6	STD6 550-288457/9	25.0	25.611472	25.0	844560.0	1.024459	Y
7	ICIS 550-288457/10	50.0	48.861821	25.0	863023.0	0.977236	Y
8	STD8 550-288457/11	75.0	69.295319	25.0	860276.0	0.923938	Y
9	STD9 550-288457/12	100.0	88.257279	25.0	854672.0	0.882573	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

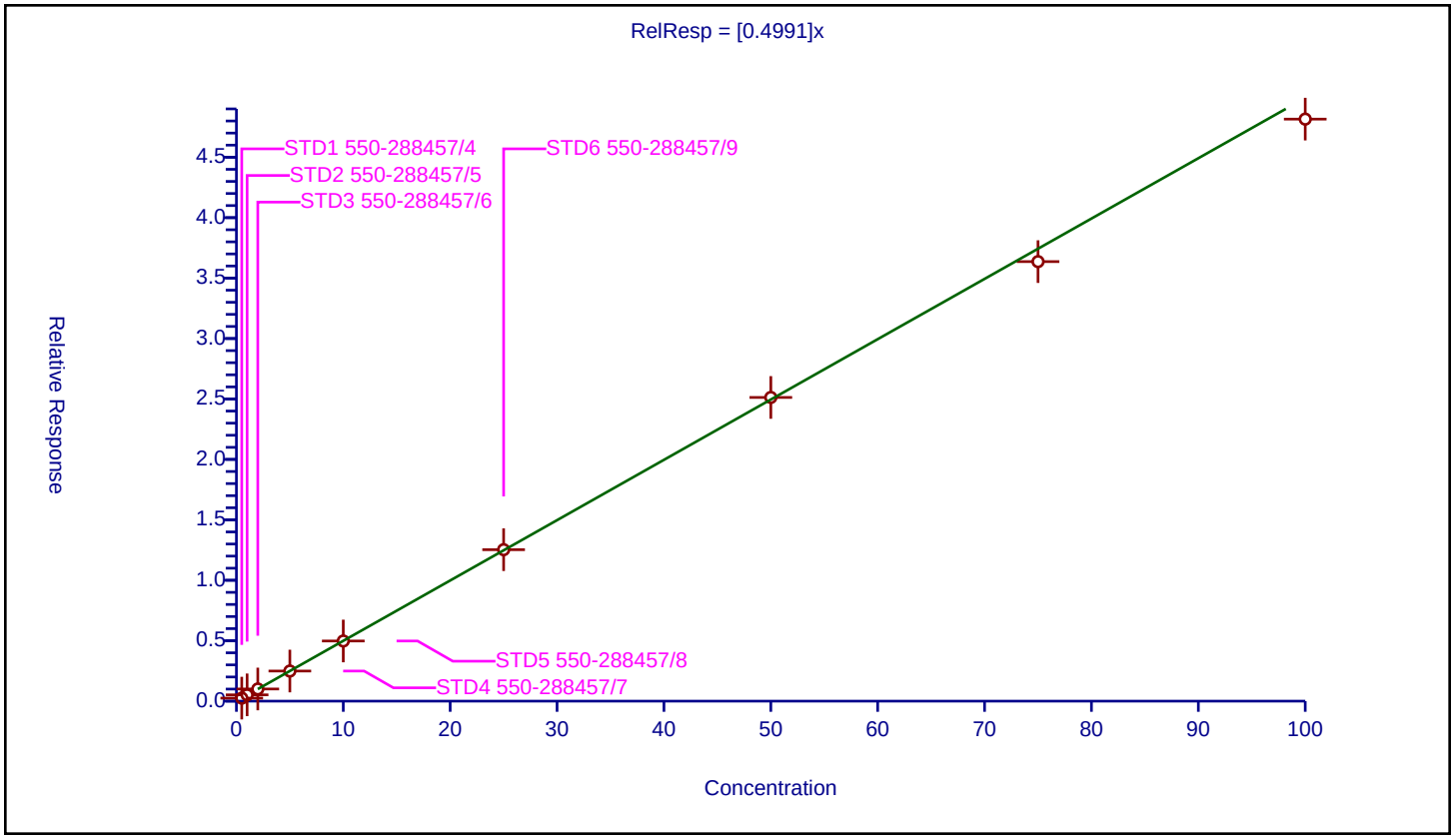
Curve Coefficients

Intercept:	0
Slope:	0.4991

Error Coefficients

Standard Error:	809000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.251007	25.0	764322.0	0.502014	Y
2	STD2 550-288457/5	1.0	0.520291	25.0	769665.0	0.520291	Y
3	STD3 550-288457/6	2.0	1.006621	25.0	805293.0	0.503311	Y
4	STD4 550-288457/7	5.0	2.491483	25.0	713270.0	0.498297	Y
5	STD5 550-288457/8	10.0	4.976171	25.0	794823.0	0.497617	Y
6	STD6 550-288457/9	25.0	12.530519	25.0	844560.0	0.501221	Y
7	ICIS 550-288457/10	50.0	25.127169	25.0	863023.0	0.502543	Y
8	STD8 550-288457/11	75.0	36.36519	25.0	860276.0	0.484869	Y
9	STD9 550-288457/12	100.0	48.153619	25.0	854672.0	0.481536	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

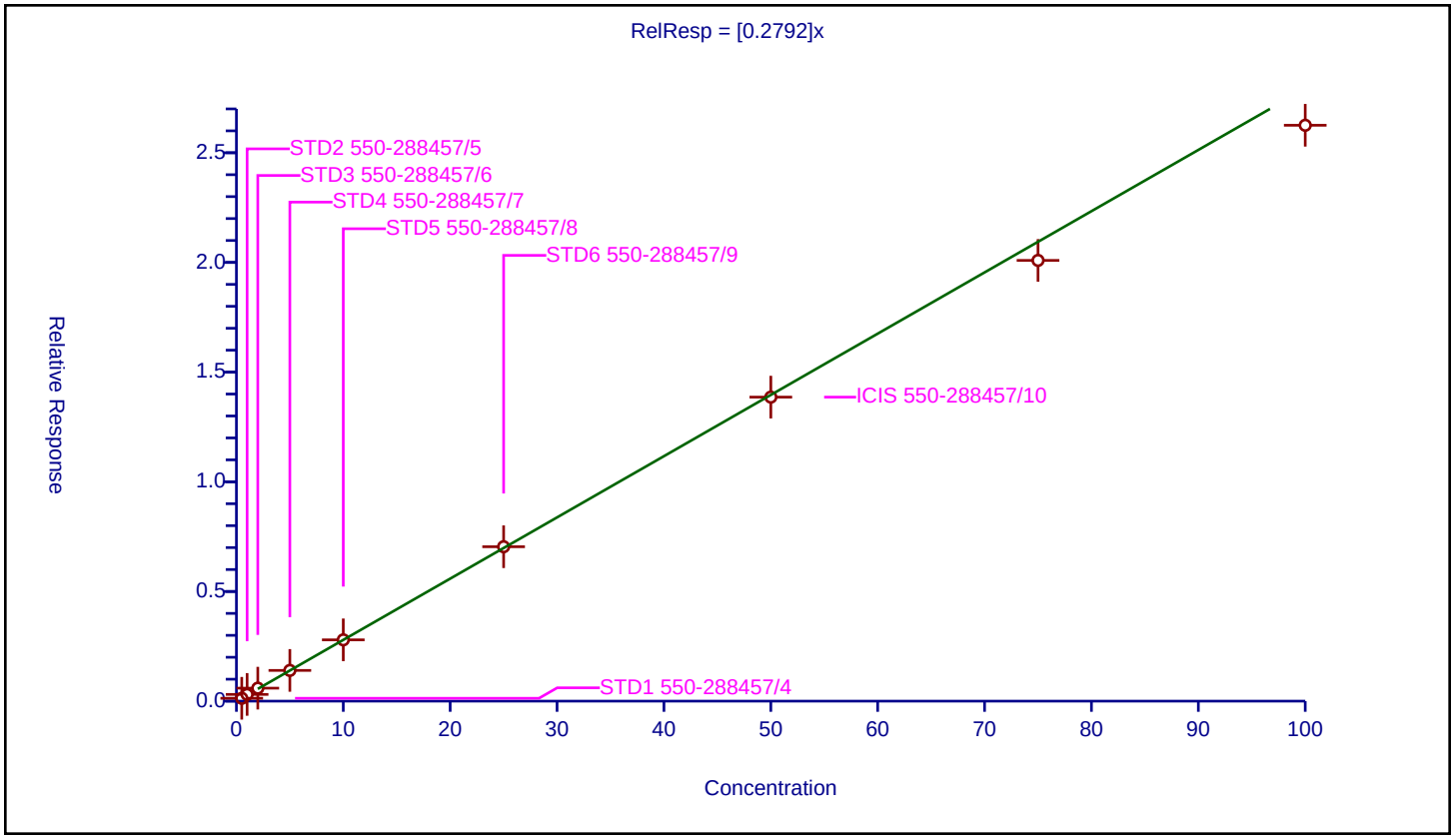
Curve Coefficients

Intercept:	0
Slope:	0.2792

Error Coefficients

Standard Error:	444000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.130966	25.0	764322.0	0.261931	Y
2	STD2 550-288457/5	1.0	0.306172	25.0	769665.0	0.306172	Y
3	STD3 550-288457/6	2.0	0.591896	25.0	805293.0	0.295948	Y
4	STD4 550-288457/7	5.0	1.400837	25.0	713270.0	0.280167	Y
5	STD5 550-288457/8	10.0	2.794301	25.0	794823.0	0.27943	Y
6	STD6 550-288457/9	25.0	7.039612	25.0	844560.0	0.281584	Y
7	ICIS 550-288457/10	50.0	13.859567	25.0	863023.0	0.277191	Y
8	STD8 550-288457/11	75.0	20.09265	25.0	860276.0	0.267902	Y
9	STD9 550-288457/12	100.0	26.252937	25.0	854672.0	0.262529	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

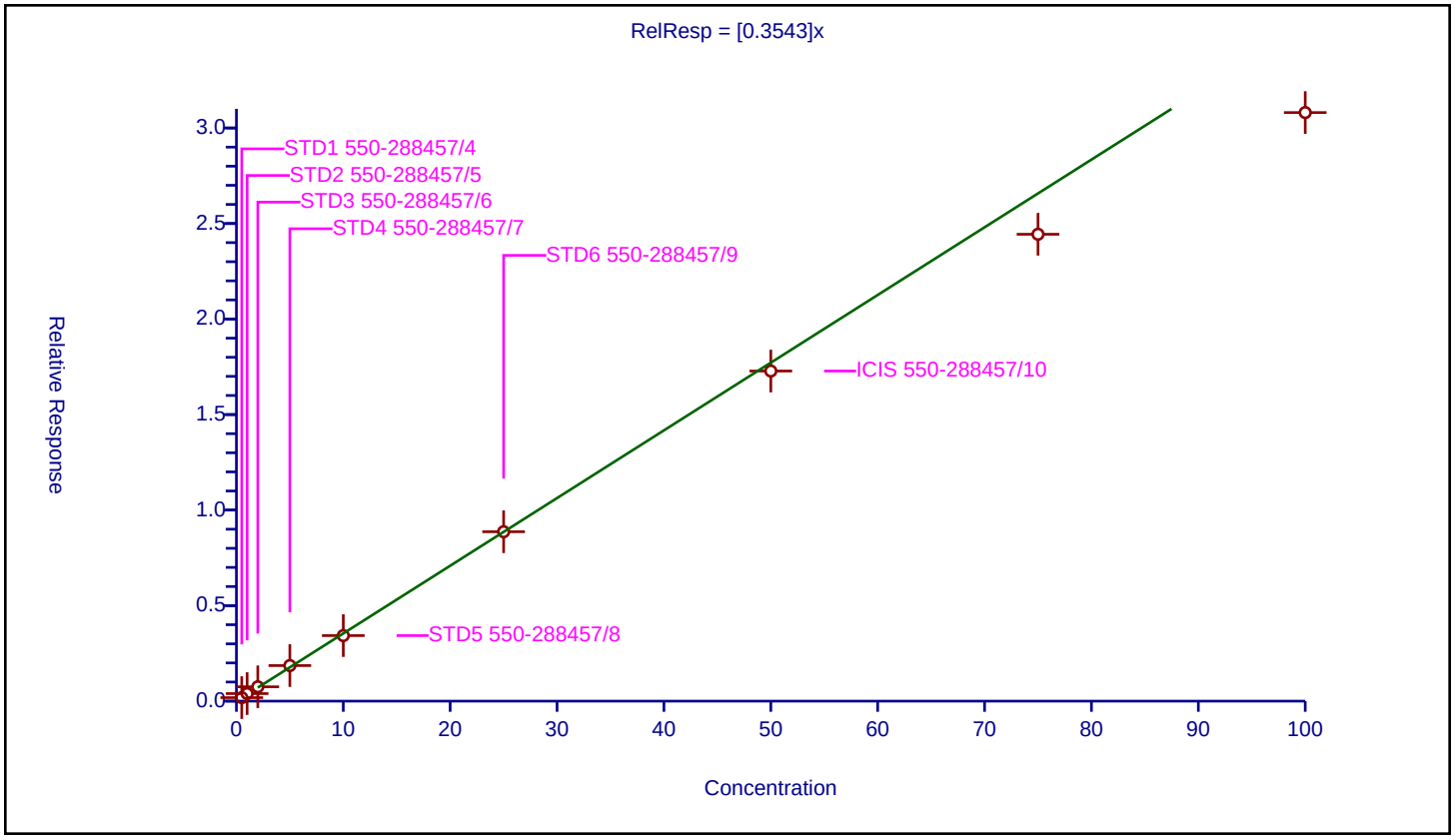
Curve Coefficients

Intercept:	0
Slope:	0.3543

Error Coefficients

Standard Error:	534000
Relative Standard Error:	7.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.183921	25.0	764322.0	0.367842	Y
2	STD2 550-288457/5	1.0	0.395887	25.0	769665.0	0.395887	Y
3	STD3 550-288457/6	2.0	0.751031	25.0	805293.0	0.375515	Y
4	STD4 550-288457/7	5.0	1.862163	25.0	713270.0	0.372433	Y
5	STD5 550-288457/8	10.0	3.429663	25.0	794823.0	0.342966	Y
6	STD6 550-288457/9	25.0	8.866954	25.0	844560.0	0.354678	Y
7	ICIS 550-288457/10	50.0	17.278711	25.0	863023.0	0.345574	Y
8	STD8 550-288457/11	75.0	24.437303	25.0	860276.0	0.325831	Y
9	STD9 550-288457/12	100.0	30.808047	25.0	854672.0	0.30808	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

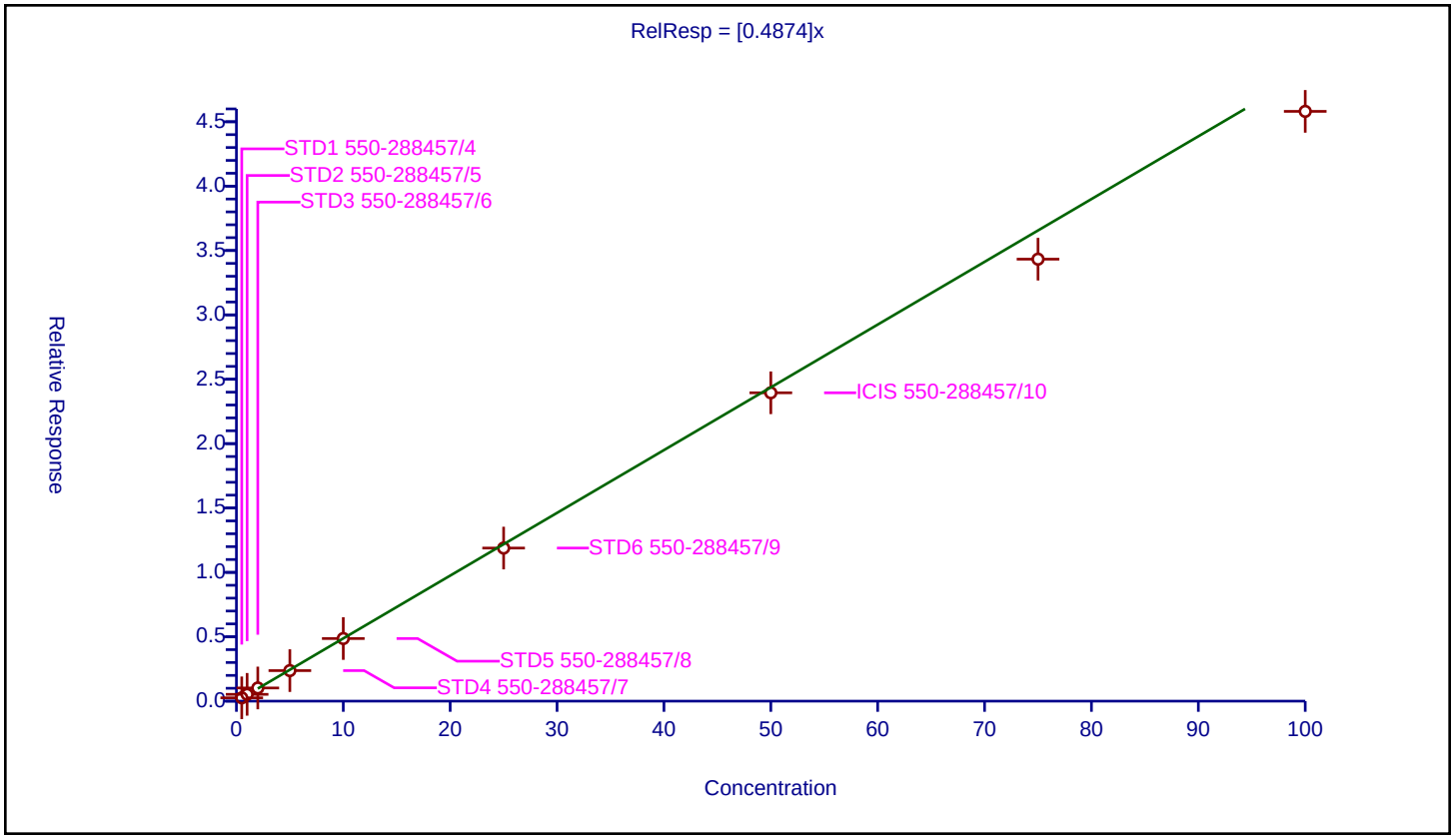
Curve Coefficients

Intercept:	0
Slope:	0.4874

Error Coefficients

Standard Error:	768000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.258268	25.0	764322.0	0.516536	Y
2	STD2 550-288457/5	1.0	0.527989	25.0	769665.0	0.527989	Y
3	STD3 550-288457/6	2.0	1.022733	25.0	805293.0	0.511367	Y
4	STD4 550-288457/7	5.0	2.371718	25.0	713270.0	0.474344	Y
5	STD5 550-288457/8	10.0	4.86319	25.0	794823.0	0.486319	Y
6	STD6 550-288457/9	25.0	11.889741	25.0	844560.0	0.47559	Y
7	ICIS 550-288457/10	50.0	23.950028	25.0	863023.0	0.479001	Y
8	STD8 550-288457/11	75.0	34.328053	25.0	860276.0	0.457707	Y
9	STD9 550-288457/12	100.0	45.808129	25.0	854672.0	0.458081	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

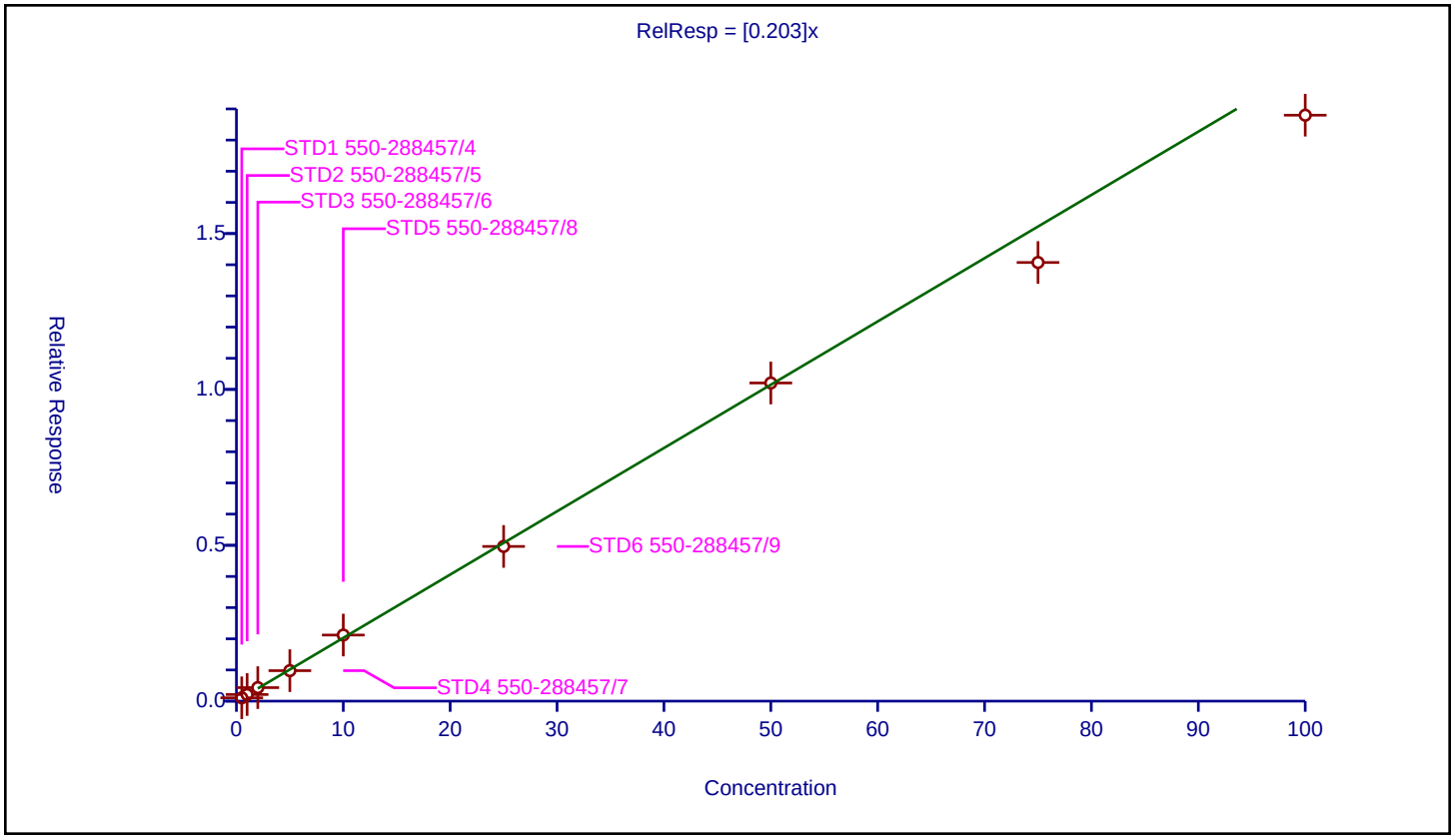
Curve Coefficients

Intercept:	0
Slope:	0.203

Error Coefficients

Standard Error:	317000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.106042	25.0	764322.0	0.212083	Y
2	STD2 550-288457/5	1.0	0.21217	25.0	769665.0	0.21217	Y
3	STD3 550-288457/6	2.0	0.433786	25.0	805293.0	0.216893	Y
4	STD4 550-288457/7	5.0	0.978066	25.0	713270.0	0.195613	Y
5	STD5 550-288457/8	10.0	2.120126	25.0	794823.0	0.212013	Y
6	STD6 550-288457/9	25.0	4.963028	25.0	844560.0	0.198521	Y
7	ICIS 550-288457/10	50.0	10.206478	25.0	863023.0	0.20413	Y
8	STD8 550-288457/11	75.0	14.072577	25.0	860276.0	0.187634	Y
9	STD9 550-288457/12	100.0	18.798761	25.0	854672.0	0.187988	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

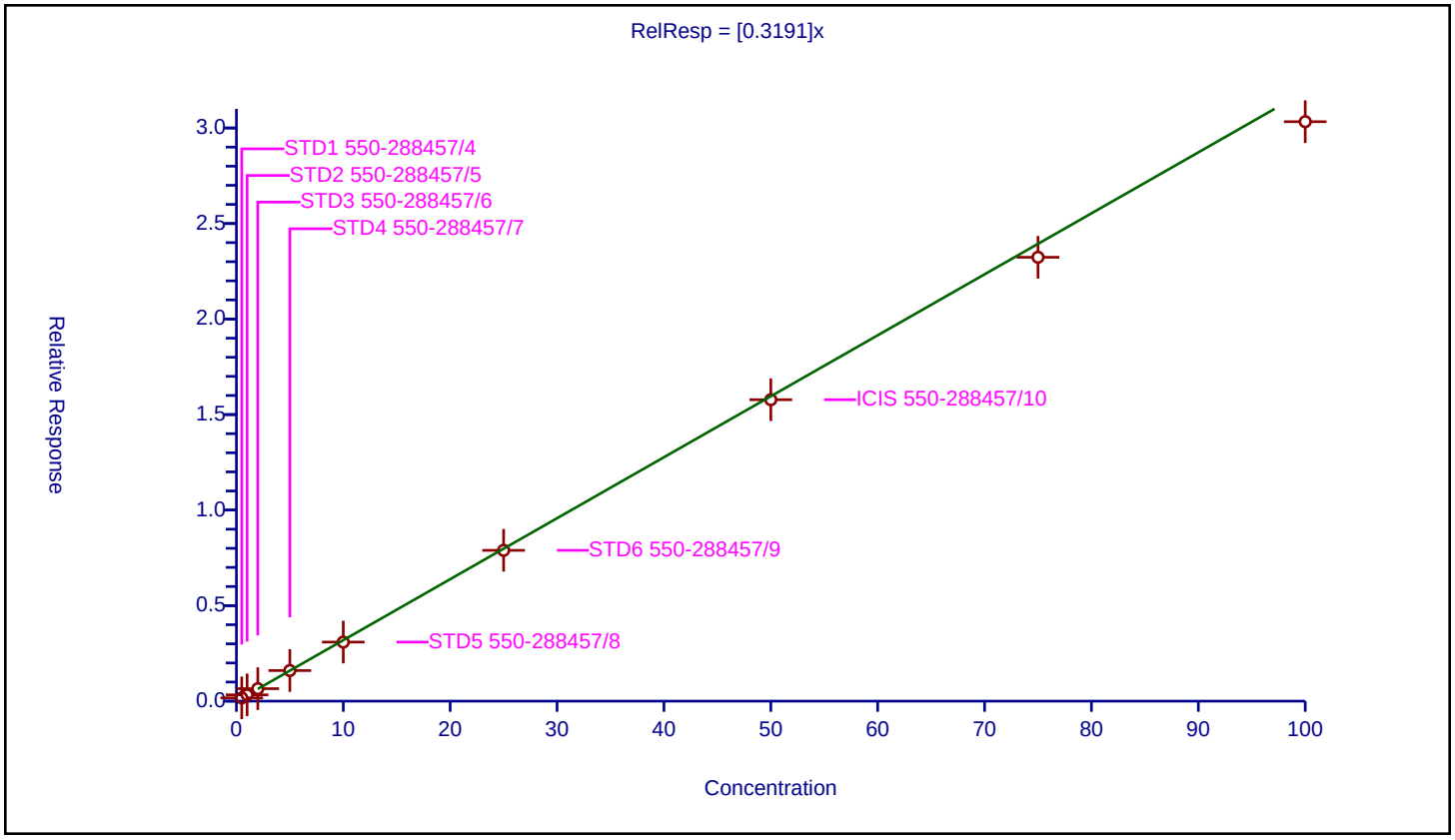
Curve Coefficients

Intercept:	0
Slope:	0.3191

Error Coefficients

Standard Error:	512000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.171132	25.0	764322.0	0.342264	Y
2	STD2 550-288457/5	1.0	0.330111	25.0	769665.0	0.330111	Y
3	STD3 550-288457/6	2.0	0.652433	25.0	805293.0	0.326217	Y
4	STD4 550-288457/7	5.0	1.601392	25.0	713270.0	0.320278	Y
5	STD5 550-288457/8	10.0	3.091223	25.0	794823.0	0.309122	Y
6	STD6 550-288457/9	25.0	7.89263	25.0	844560.0	0.315705	Y
7	ICIS 550-288457/10	50.0	15.778085	25.0	863023.0	0.315562	Y
8	STD8 550-288457/11	75.0	23.233765	25.0	860276.0	0.309784	Y
9	STD9 550-288457/12	100.0	30.330086	25.0	854672.0	0.303301	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

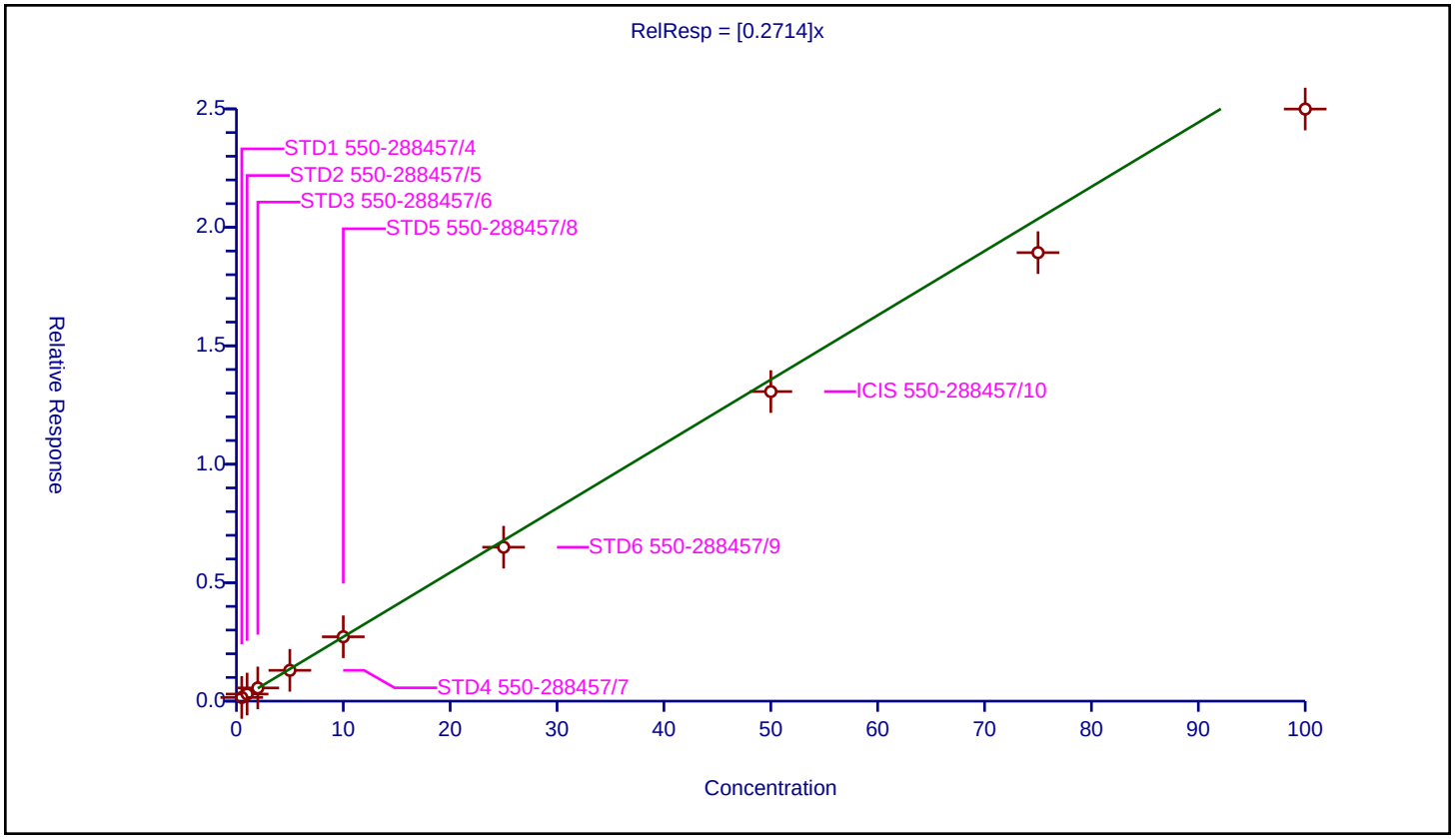
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Standard Error:	421000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.155072	25.0	764322.0	0.310144	Y
2	STD2 550-288457/5	1.0	0.298669	25.0	769665.0	0.298669	Y
3	STD3 550-288457/6	2.0	0.557437	25.0	805293.0	0.278718	Y
4	STD4 550-288457/7	5.0	1.300139	25.0	713270.0	0.260028	Y
5	STD5 550-288457/8	10.0	2.716611	25.0	794823.0	0.271661	Y
6	STD6 550-288457/9	25.0	6.497318	25.0	844560.0	0.259893	Y
7	ICIS 550-288457/10	50.0	13.067815	25.0	863023.0	0.261356	Y
8	STD8 550-288457/11	75.0	18.932035	25.0	860276.0	0.252427	Y
9	STD9 550-288457/12	100.0	24.993009	25.0	854672.0	0.24993	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

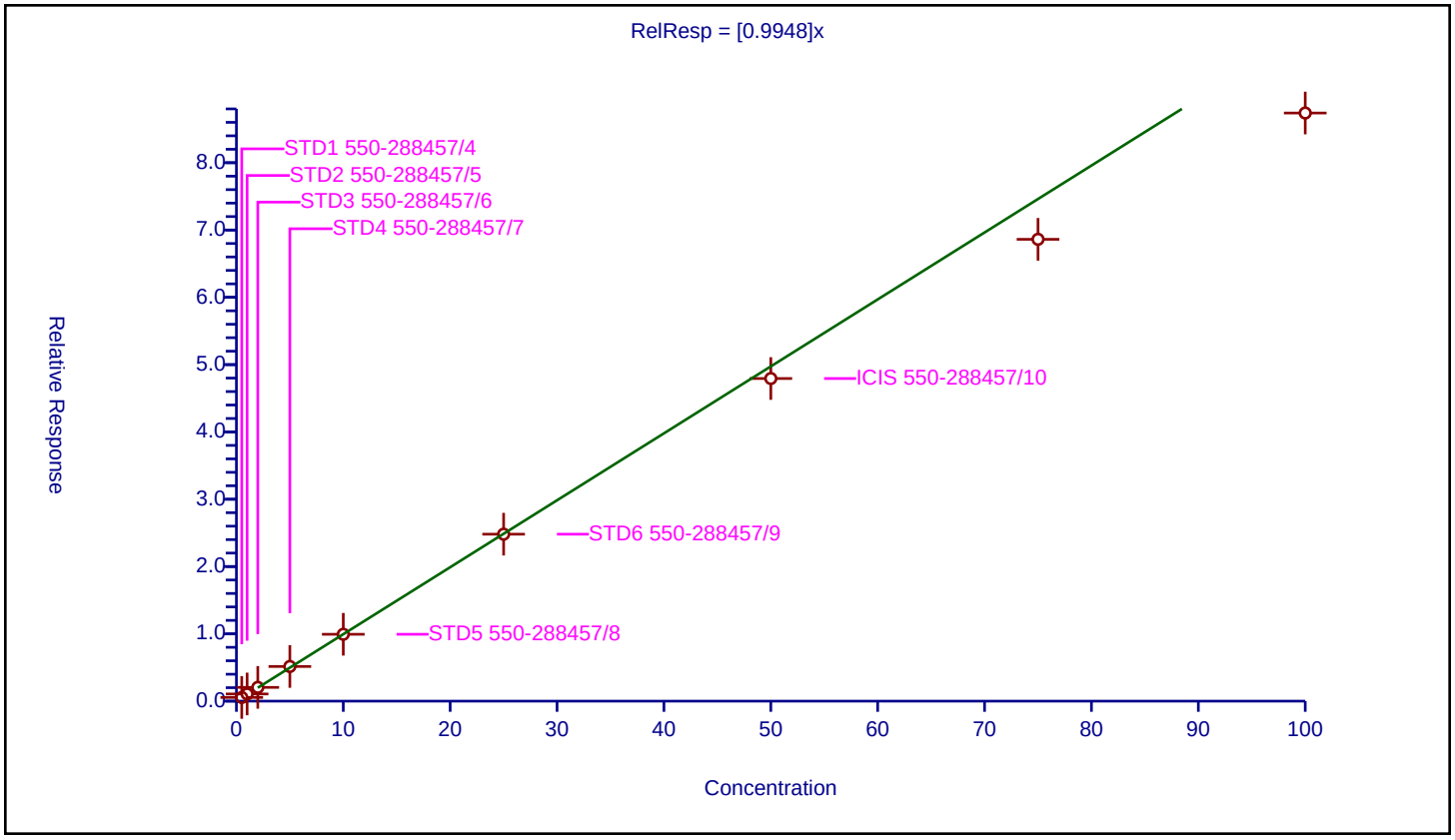
Curve Coefficients

Intercept:	0
Slope:	0.9948

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.549997	25.0	764322.0	1.099995	Y
2	STD2 550-288457/5	1.0	1.068127	25.0	769665.0	1.068127	Y
3	STD3 550-288457/6	2.0	2.043294	25.0	805293.0	1.021647	Y
4	STD4 550-288457/7	5.0	5.149838	25.0	713270.0	1.029968	Y
5	STD5 550-288457/8	10.0	9.93457	25.0	794823.0	0.993457	Y
6	STD6 550-288457/9	25.0	24.807888	25.0	844560.0	0.992316	Y
7	ICIS 550-288457/10	50.0	47.937801	25.0	863023.0	0.958756	Y
8	STD8 550-288457/11	75.0	68.620884	25.0	860276.0	0.914945	Y
9	STD9 550-288457/12	100.0	87.387033	25.0	854672.0	0.87387	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

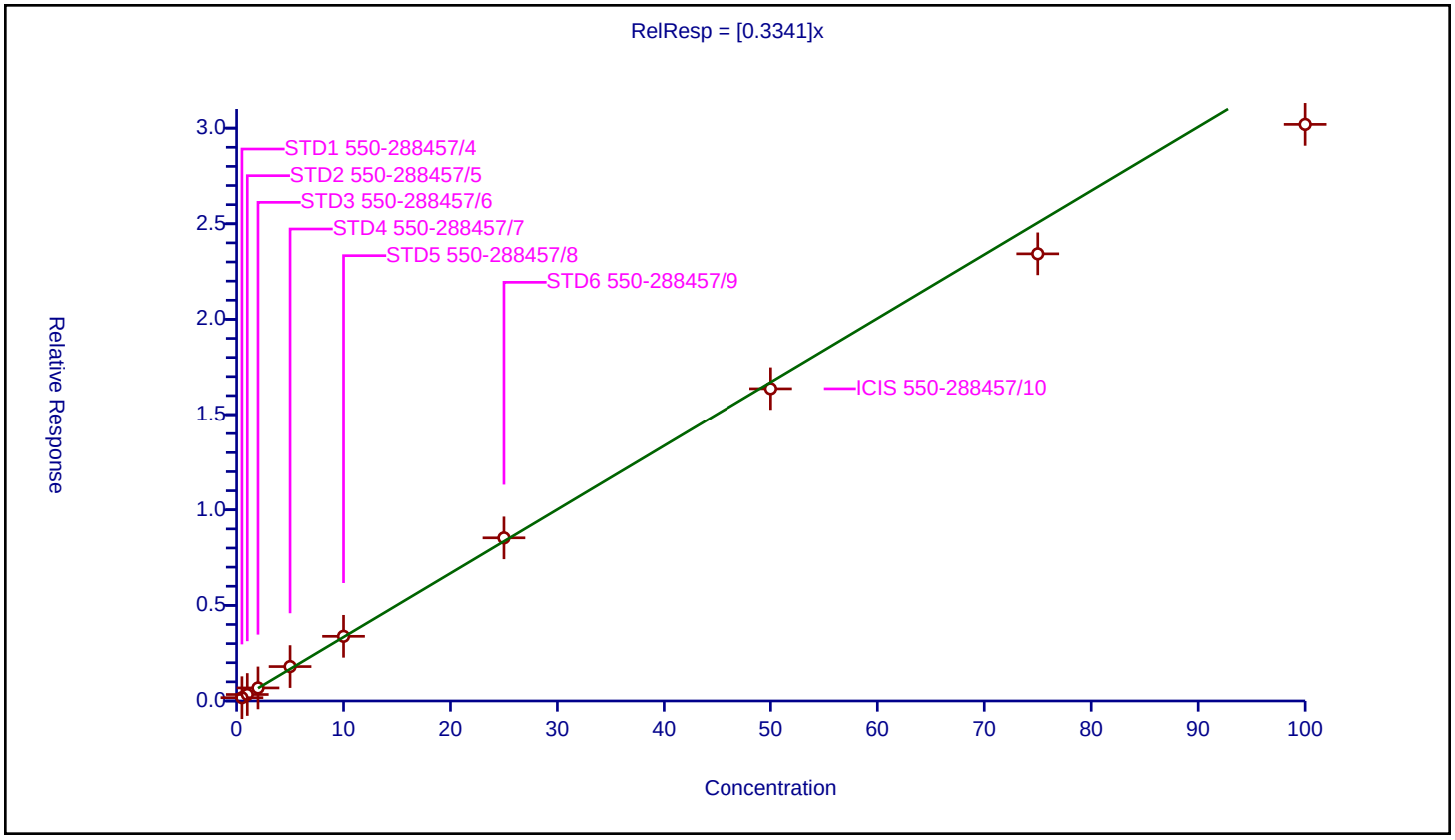
Curve Coefficients

Intercept:	0
Slope:	0.3341

Error Coefficients

Standard Error:	516000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.172767	25.0	764322.0	0.345535	Y
2	STD2 550-288457/5	1.0	0.338556	25.0	769665.0	0.338556	Y
3	STD3 550-288457/6	2.0	0.682888	25.0	805293.0	0.341444	Y
4	STD4 550-288457/7	5.0	1.799459	25.0	713270.0	0.359892	Y
5	STD5 550-288457/8	10.0	3.382011	25.0	794823.0	0.338201	Y
6	STD6 550-288457/9	25.0	8.532194	25.0	844560.0	0.341288	Y
7	ICIS 550-288457/10	50.0	16.366655	25.0	863023.0	0.327333	Y
8	STD8 550-288457/11	75.0	23.42754	25.0	860276.0	0.312367	Y
9	STD9 550-288457/12	100.0	30.196818	25.0	854672.0	0.301968	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

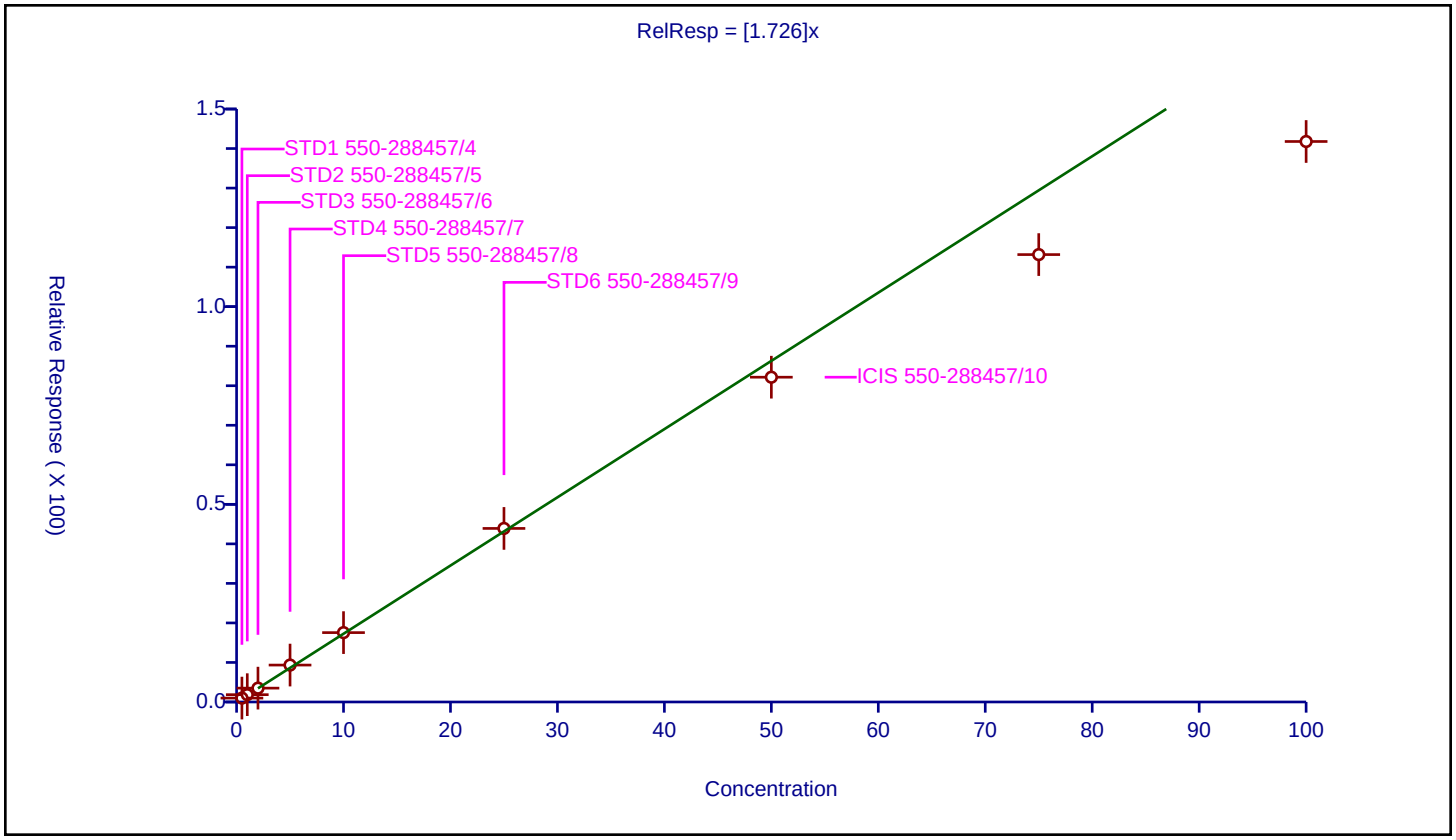
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	10.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.988294	25.0	764322.0	1.976588	Y
2	STD2 550-288457/5	1.0	1.853761	25.0	769665.0	1.853761	Y
3	STD3 550-288457/6	2.0	3.50329	25.0	805293.0	1.751645	Y
4	STD4 550-288457/7	5.0	9.340187	25.0	713270.0	1.868037	Y
5	STD5 550-288457/8	10.0	17.549064	25.0	794823.0	1.754906	Y
6	STD6 550-288457/9	25.0	43.904755	25.0	844560.0	1.75619	Y
7	ICIS 550-288457/10	50.0	82.160093	25.0	863023.0	1.643202	Y
8	STD8 550-288457/11	75.0	113.177195	25.0	860276.0	1.509029	Y
9	STD9 550-288457/12	100.0	141.783866	25.0	854672.0	1.417839	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

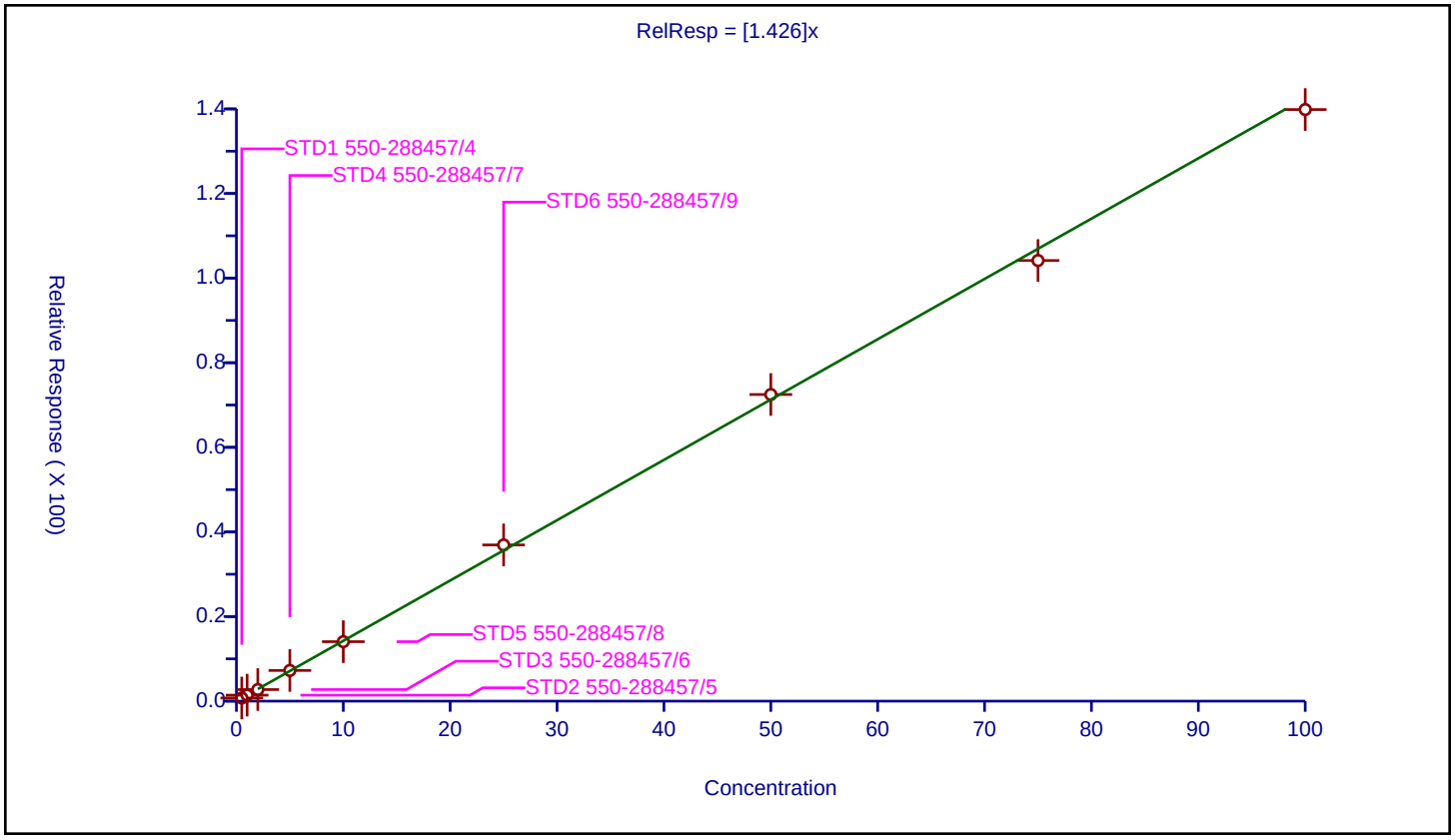
Curve Coefficients

Intercept:	0
Slope:	1.426

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.741925	25.0	391785.0	1.48385	Y
2	STD2 550-288457/5	1.0	1.411713	25.0	388411.0	1.411713	Y
3	STD3 550-288457/6	2.0	2.732518	25.0	411452.0	1.366259	Y
4	STD4 550-288457/7	5.0	7.250427	25.0	360396.0	1.450085	Y
5	STD5 550-288457/8	10.0	14.056627	25.0	396948.0	1.405663	Y
6	STD6 550-288457/9	25.0	36.923432	25.0	402598.0	1.476937	Y
7	ICIS 550-288457/10	50.0	72.479446	25.0	405764.0	1.449589	Y
8	STD8 550-288457/11	75.0	104.155587	25.0	396749.0	1.388741	Y
9	STD9 550-288457/12	100.0	139.849382	25.0	377876.0	1.398494	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

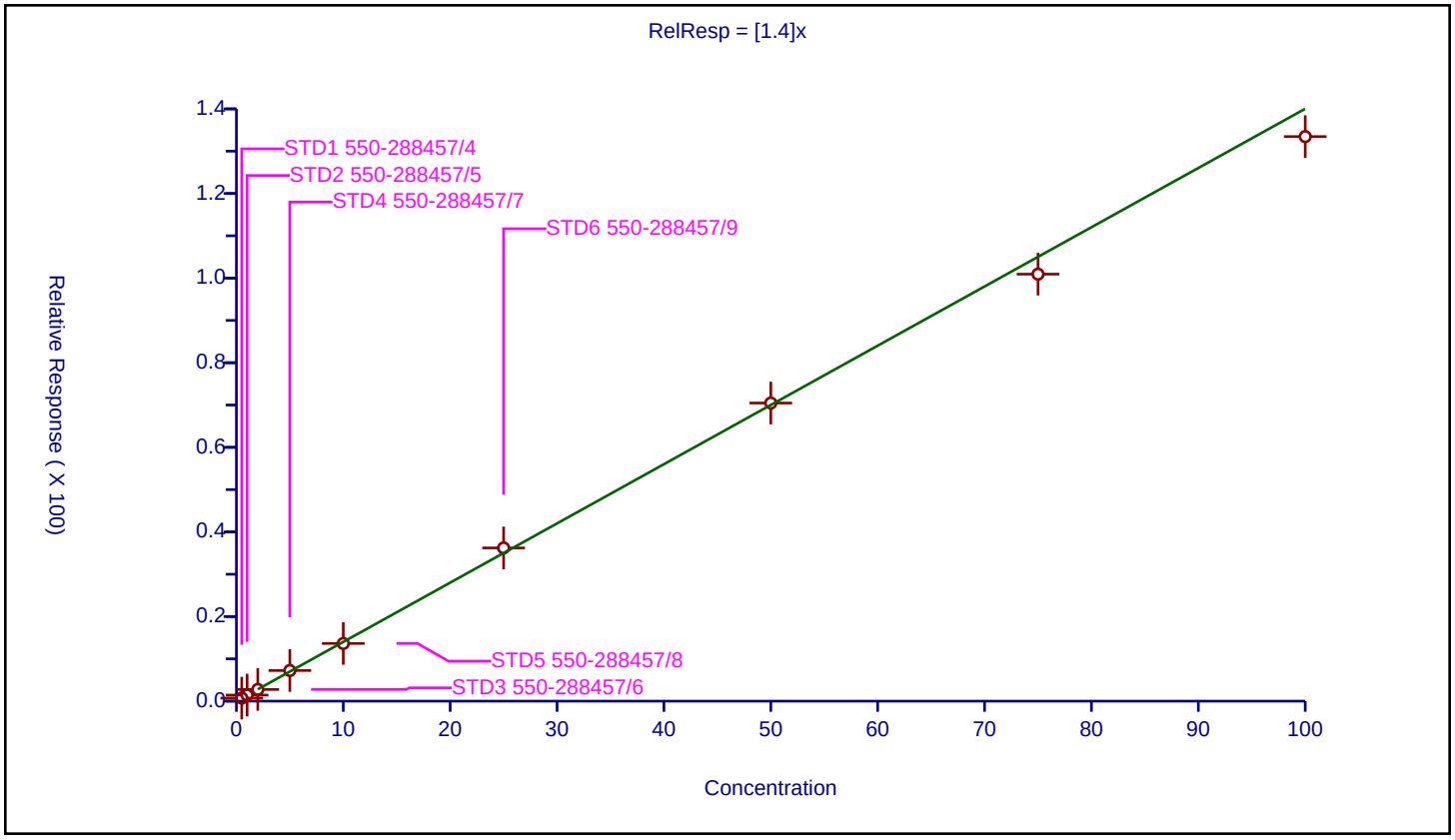
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	3.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.720165	25.0	391785.0	1.440331	Y
2	STD2 550-288457/5	1.0	1.433662	25.0	388411.0	1.433662	Y
3	STD3 550-288457/6	2.0	2.758402	25.0	411452.0	1.379201	Y
4	STD4 550-288457/7	5.0	7.237664	25.0	360396.0	1.447533	Y
5	STD5 550-288457/8	10.0	13.636799	25.0	396948.0	1.36368	Y
6	STD6 550-288457/9	25.0	36.214474	25.0	402598.0	1.448579	Y
7	ICIS 550-288457/10	50.0	70.46898	25.0	405764.0	1.40938	Y
8	STD8 550-288457/11	75.0	100.930878	25.0	396749.0	1.345745	Y
9	STD9 550-288457/12	100.0	133.449399	25.0	377876.0	1.334494	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

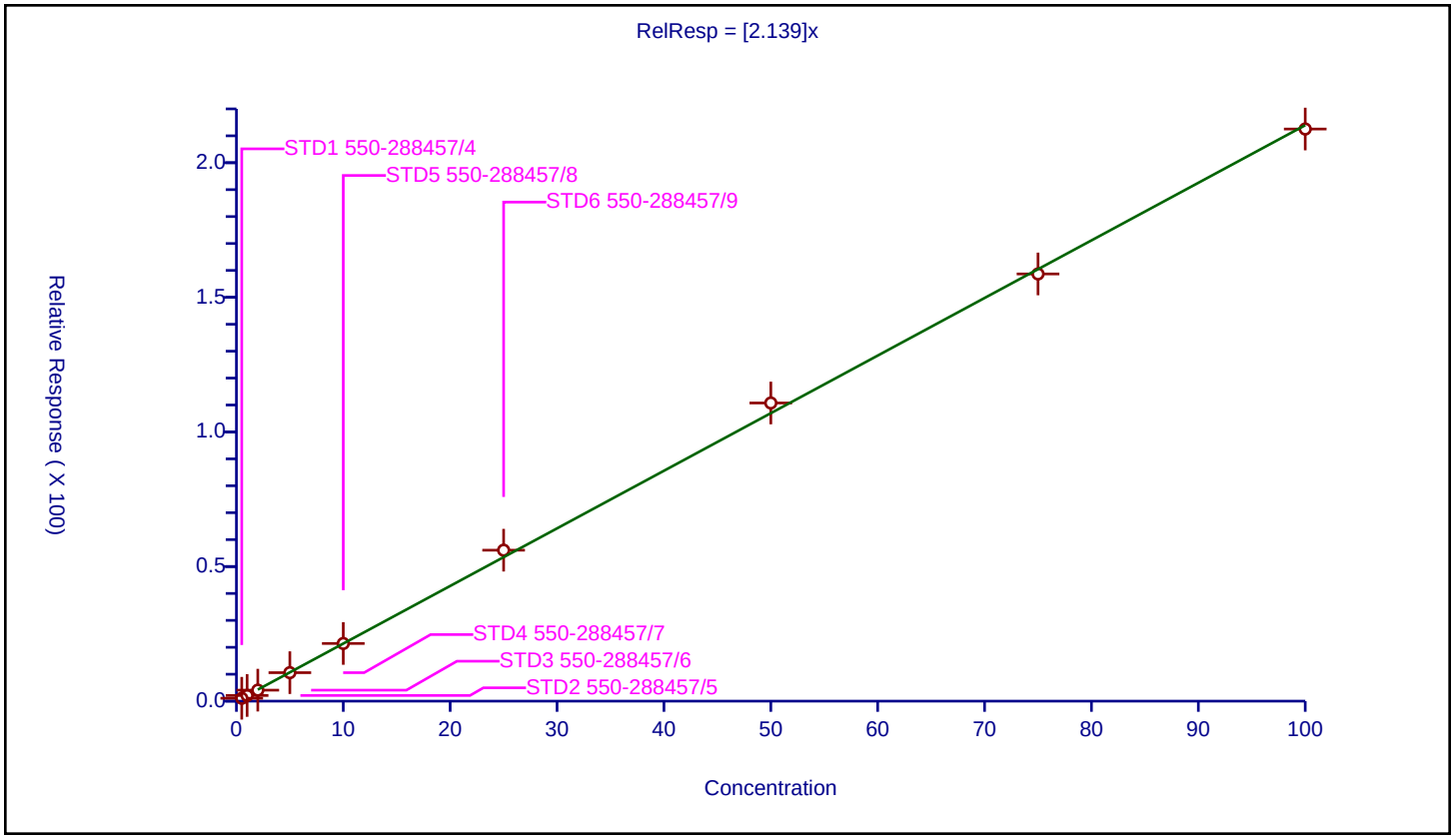
Curve Coefficients

Intercept:	0
Slope:	2.139

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	2.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.076356	25.0	391785.0	2.152711	Y
2	STD2 550-288457/5	1.0	2.101704	25.0	388411.0	2.101704	Y
3	STD3 550-288457/6	2.0	4.085227	25.0	411452.0	2.042614	Y
4	STD4 550-288457/7	5.0	10.57767	25.0	360396.0	2.115534	Y
5	STD5 550-288457/8	10.0	21.424721	25.0	396948.0	2.142472	Y
6	STD6 550-288457/9	25.0	56.067591	25.0	402598.0	2.242704	Y
7	ICIS 550-288457/10	50.0	110.750892	25.0	405764.0	2.215018	Y
8	STD8 550-288457/11	75.0	158.690003	25.0	396749.0	2.115867	Y
9	STD9 550-288457/12	100.0	212.5174	25.0	377876.0	2.125174	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

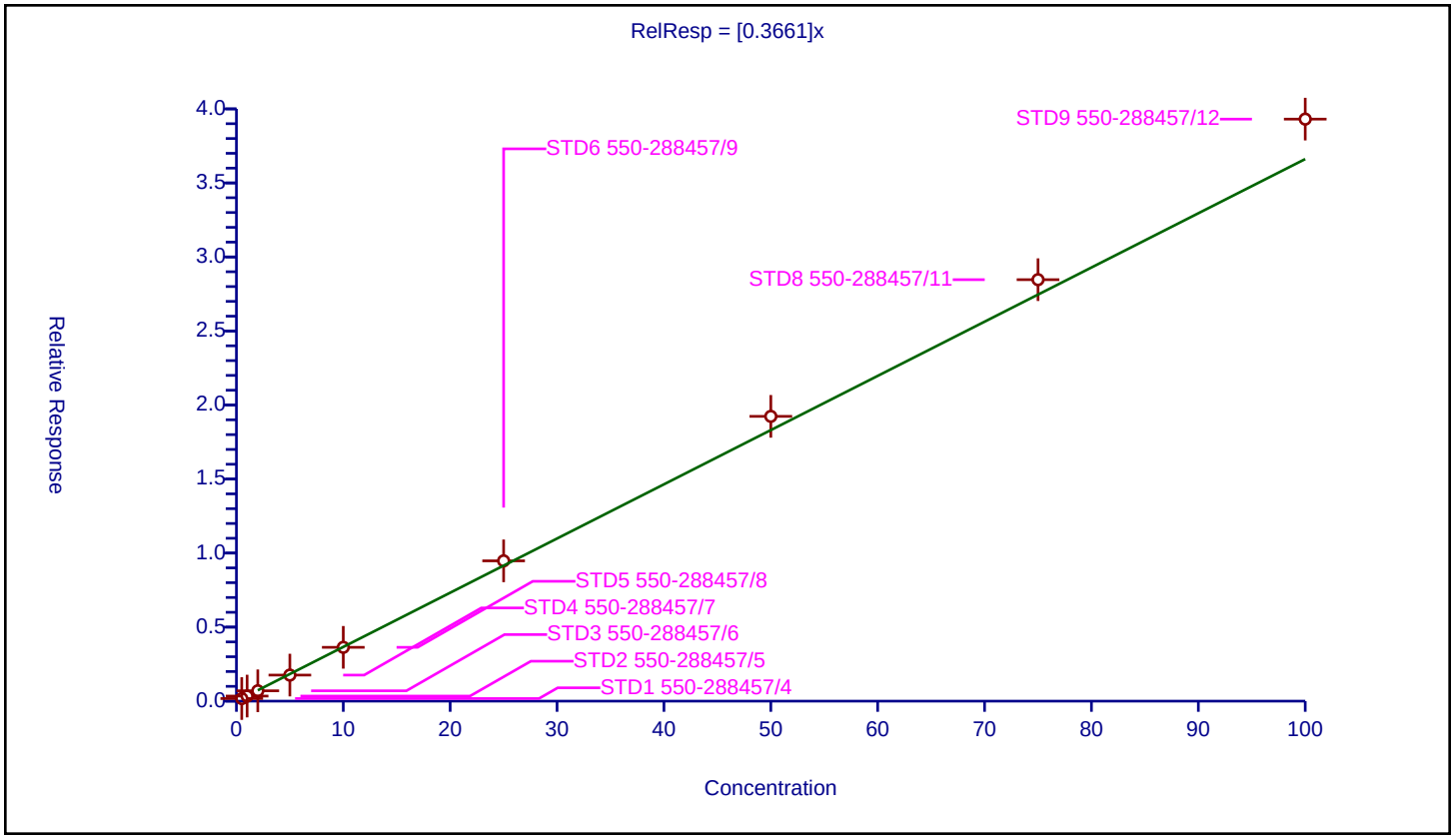
Curve Coefficients

Intercept:	0
Slope:	0.3661

Error Coefficients

Standard Error:	292000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.176053	25.0	391785.0	0.352106	Y
2	STD2 550-288457/5	1.0	0.34197	25.0	388411.0	0.34197	Y
3	STD3 550-288457/6	2.0	0.69838	25.0	411452.0	0.34919	Y
4	STD4 550-288457/7	5.0	1.759731	25.0	360396.0	0.351946	Y
5	STD5 550-288457/8	10.0	3.634103	25.0	396948.0	0.36341	Y
6	STD6 550-288457/9	25.0	9.475209	25.0	402598.0	0.379008	Y
7	ICIS 550-288457/10	50.0	19.233286	25.0	405764.0	0.384666	Y
8	STD8 550-288457/11	75.0	28.465793	25.0	396749.0	0.379544	Y
9	STD9 550-288457/12	100.0	39.310118	25.0	377876.0	0.393101	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

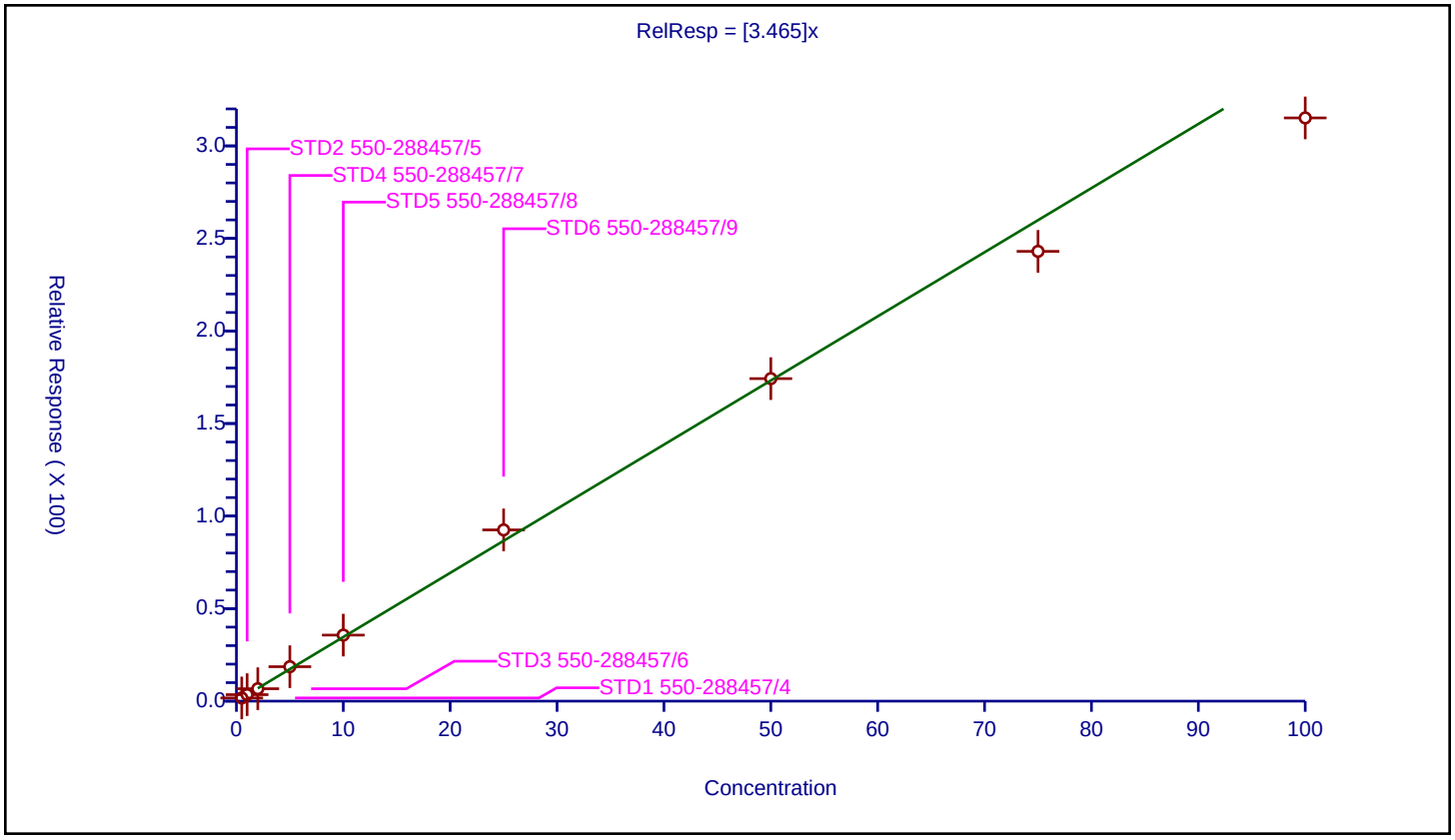
Curve Coefficients

Intercept:	0
Slope:	3.465

Error Coefficients

Standard Error:	2450000
Relative Standard Error:	5.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.726649	25.0	391785.0	3.453297	Y
2	STD2 550-288457/5	1.0	3.506466	25.0	388411.0	3.506466	Y
3	STD3 550-288457/6	2.0	6.706615	25.0	411452.0	3.353307	Y
4	STD4 550-288457/7	5.0	18.620351	25.0	360396.0	3.72407	Y
5	STD5 550-288457/8	10.0	35.686979	25.0	396948.0	3.568698	Y
6	STD6 550-288457/9	25.0	92.524553	25.0	402598.0	3.700982	Y
7	ICIS 550-288457/10	50.0	174.26928	25.0	405764.0	3.485386	Y
8	STD8 550-288457/11	75.0	243.018256	25.0	396749.0	3.240243	Y
9	STD9 550-288457/12	100.0	315.127317	25.0	377876.0	3.151273	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

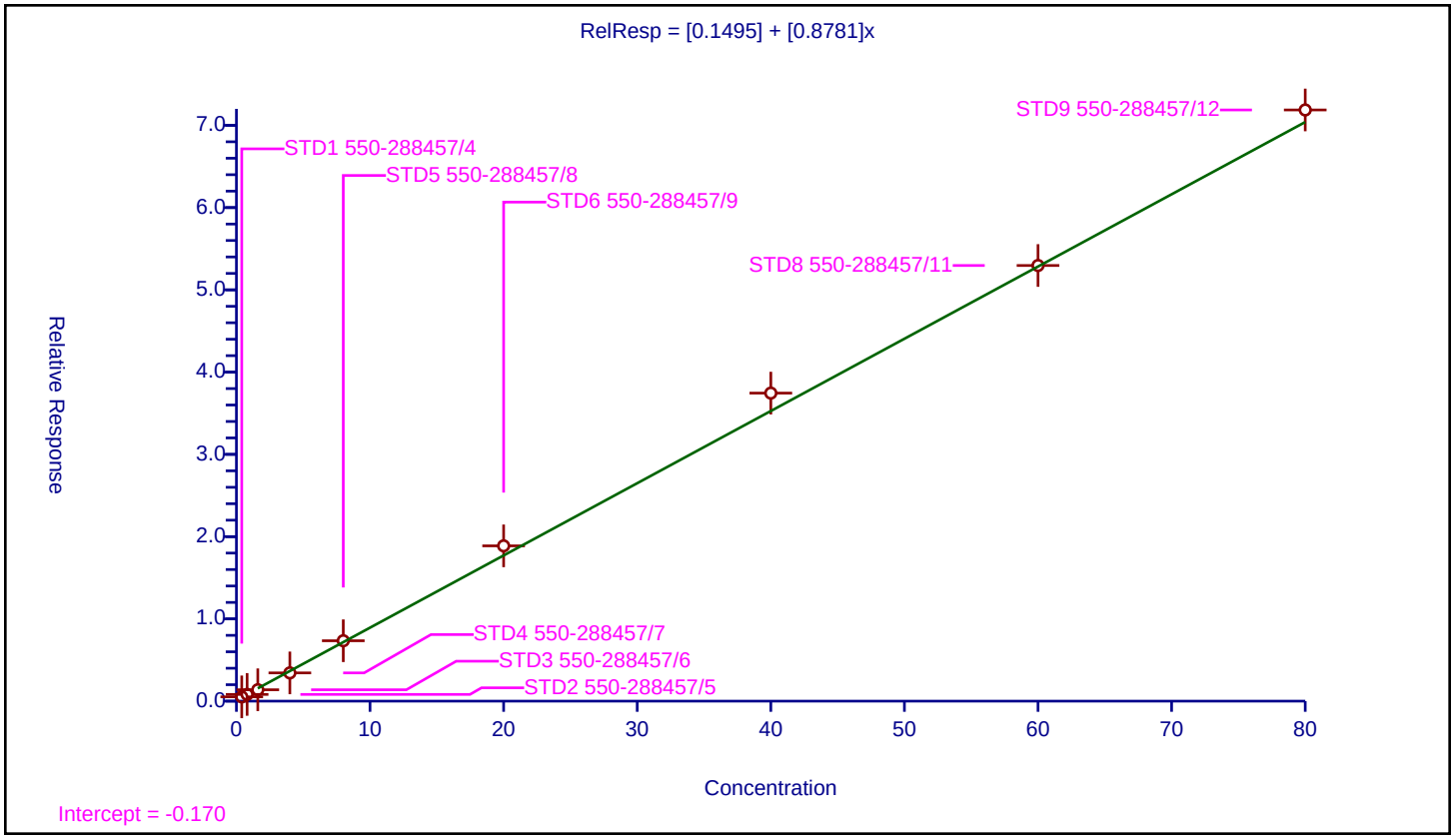
Curve Coefficients

Intercept:	0.1495
Slope:	0.8781

Error Coefficients

Standard Error:	581000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.4	0.520758	25.0	391785.0	1.301894	Y
2	STD2 550-288457/5	0.8	0.818978	25.0	388411.0	1.023722	Y
3	STD3 550-288457/6	1.6	1.384487	25.0	411452.0	0.865304	Y
4	STD4 550-288457/7	4.0	3.434902	25.0	360396.0	0.858726	Y
5	STD5 550-288457/8	8.0	7.342775	25.0	396948.0	0.917847	Y
6	STD6 550-288457/9	20.0	18.878695	25.0	402598.0	0.943935	Y
7	ICIS 550-288457/10	40.0	37.447938	25.0	405764.0	0.936198	Y
8	STD8 550-288457/11	60.0	52.960625	25.0	396749.0	0.882677	Y
9	STD9 550-288457/12	80.0	71.869674	25.0	377876.0	0.898371	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

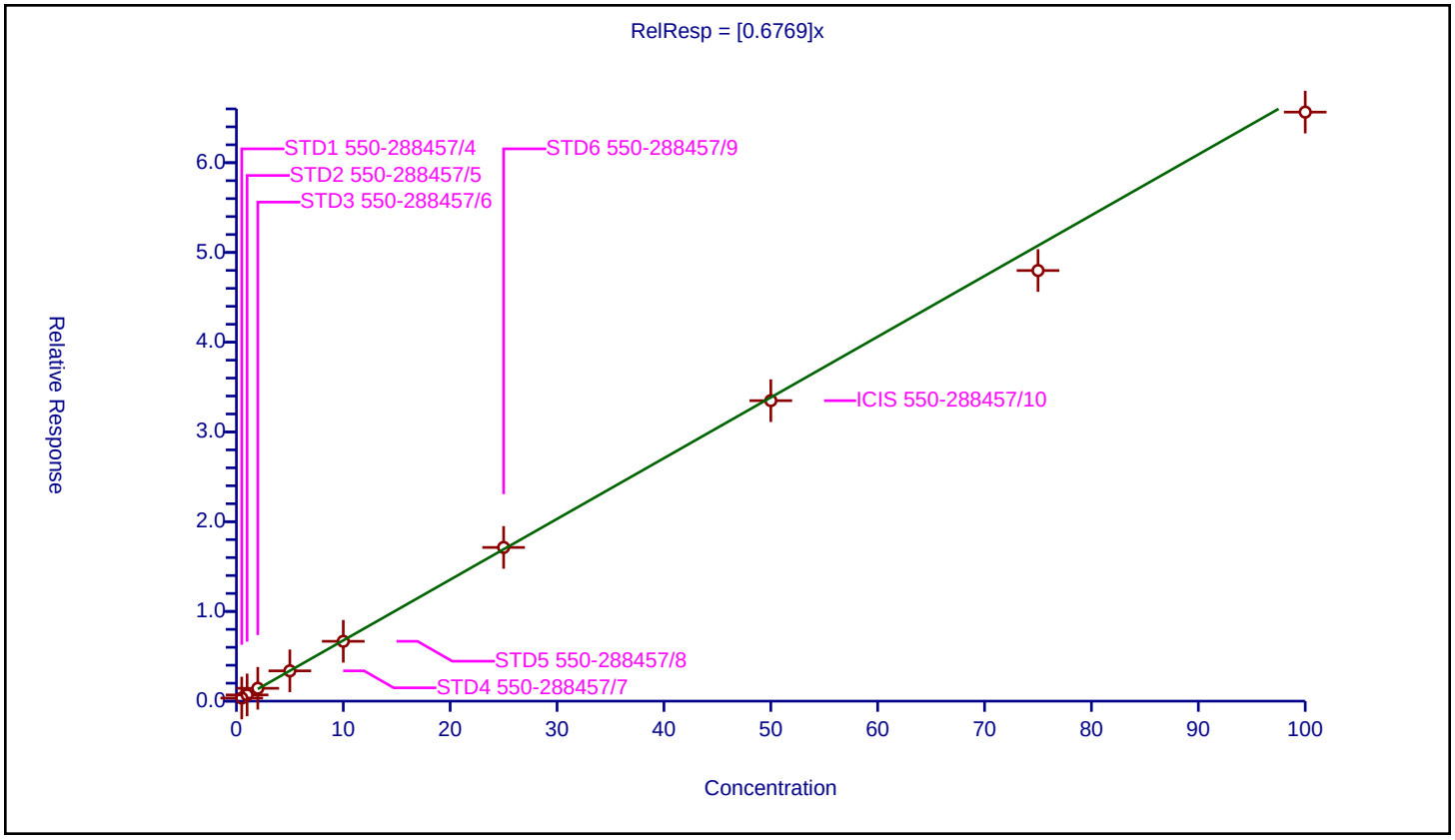
Curve Coefficients

Intercept:	0
Slope:	0.6769

Error Coefficients

Standard Error:	494000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.345725	25.0	391785.0	0.691451	Y
2	STD2 550-288457/5	1.0	0.69205	25.0	388411.0	0.69205	Y
3	STD3 550-288457/6	2.0	1.43109	25.0	411452.0	0.715545	Y
4	STD4 550-288457/7	5.0	3.37476	25.0	360396.0	0.674952	Y
5	STD5 550-288457/8	10.0	6.666679	25.0	396948.0	0.666668	Y
6	STD6 550-288457/9	25.0	17.127755	25.0	402598.0	0.68511	Y
7	ICIS 550-288457/10	50.0	33.486152	25.0	405764.0	0.669723	Y
8	STD8 550-288457/11	75.0	47.987771	25.0	396749.0	0.639837	Y
9	STD9 550-288457/12	100.0	65.641838	25.0	377876.0	0.656418	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

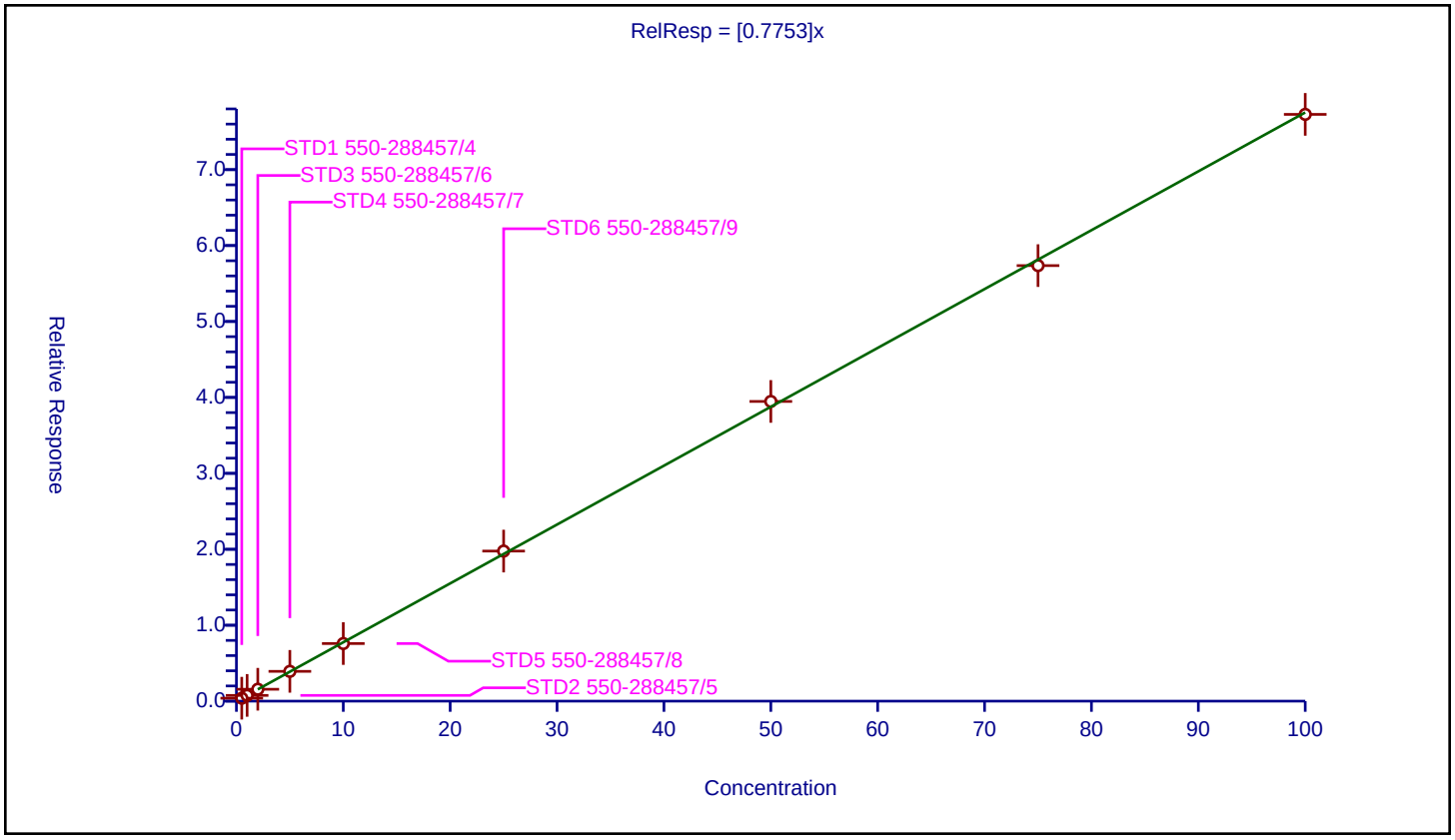
Curve Coefficients

Intercept:	0
Slope:	0.7753

Error Coefficients

Standard Error:	583000
Relative Standard Error:	1.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.388032	25.0	391785.0	0.776063	Y
2	STD2 550-288457/5	1.0	0.756608	25.0	388411.0	0.756608	Y
3	STD3 550-288457/6	2.0	1.567923	25.0	411452.0	0.783961	Y
4	STD4 550-288457/7	5.0	3.923878	25.0	360396.0	0.784776	Y
5	STD5 550-288457/8	10.0	7.586384	25.0	396948.0	0.758638	Y
6	STD6 550-288457/9	25.0	19.763138	25.0	402598.0	0.790526	Y
7	ICIS 550-288457/10	50.0	39.47122	25.0	405764.0	0.789424	Y
8	STD8 550-288457/11	75.0	57.361455	25.0	396749.0	0.764819	Y
9	STD9 550-288457/12	100.0	77.27568	25.0	377876.0	0.772757	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

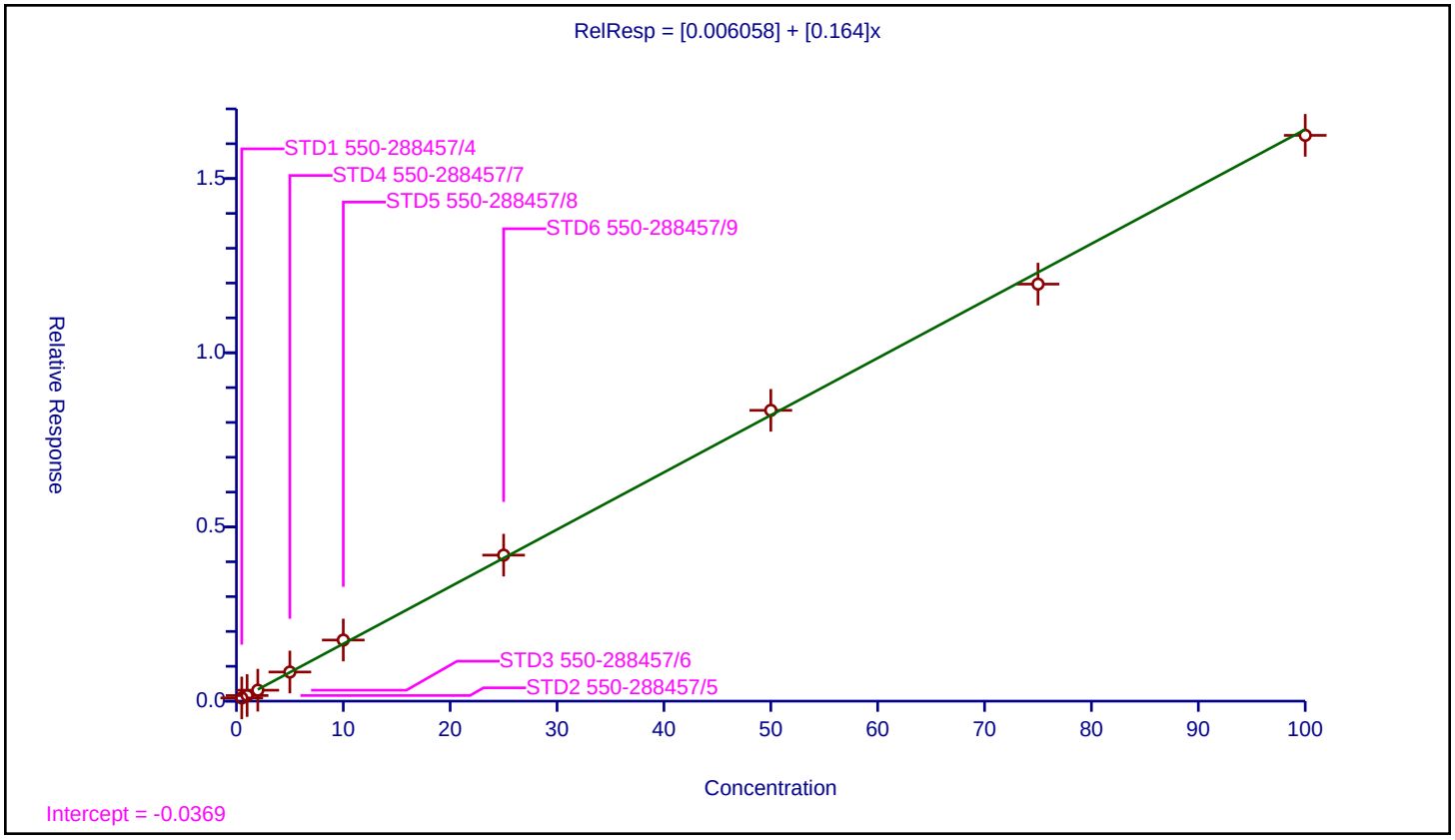
Curve Coefficients

Intercept:	0.006058
Slope:	0.164

Error Coefficients

Standard Error:	131000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.091121	25.0	391785.0	0.182243	Y
2	STD2 550-288457/5	1.0	0.161298	25.0	388411.0	0.161298	Y
3	STD3 550-288457/6	2.0	0.31401	25.0	411452.0	0.157005	Y
4	STD4 550-288457/7	5.0	0.836164	25.0	360396.0	0.167233	Y
5	STD5 550-288457/8	10.0	1.753189	25.0	396948.0	0.175319	Y
6	STD6 550-288457/9	25.0	4.190843	25.0	402598.0	0.167634	Y
7	ICIS 550-288457/10	50.0	8.347648	25.0	405764.0	0.166953	Y
8	STD8 550-288457/11	75.0	11.970226	25.0	396749.0	0.159603	Y
9	STD9 550-288457/12	100.0	16.241042	25.0	377876.0	0.16241	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

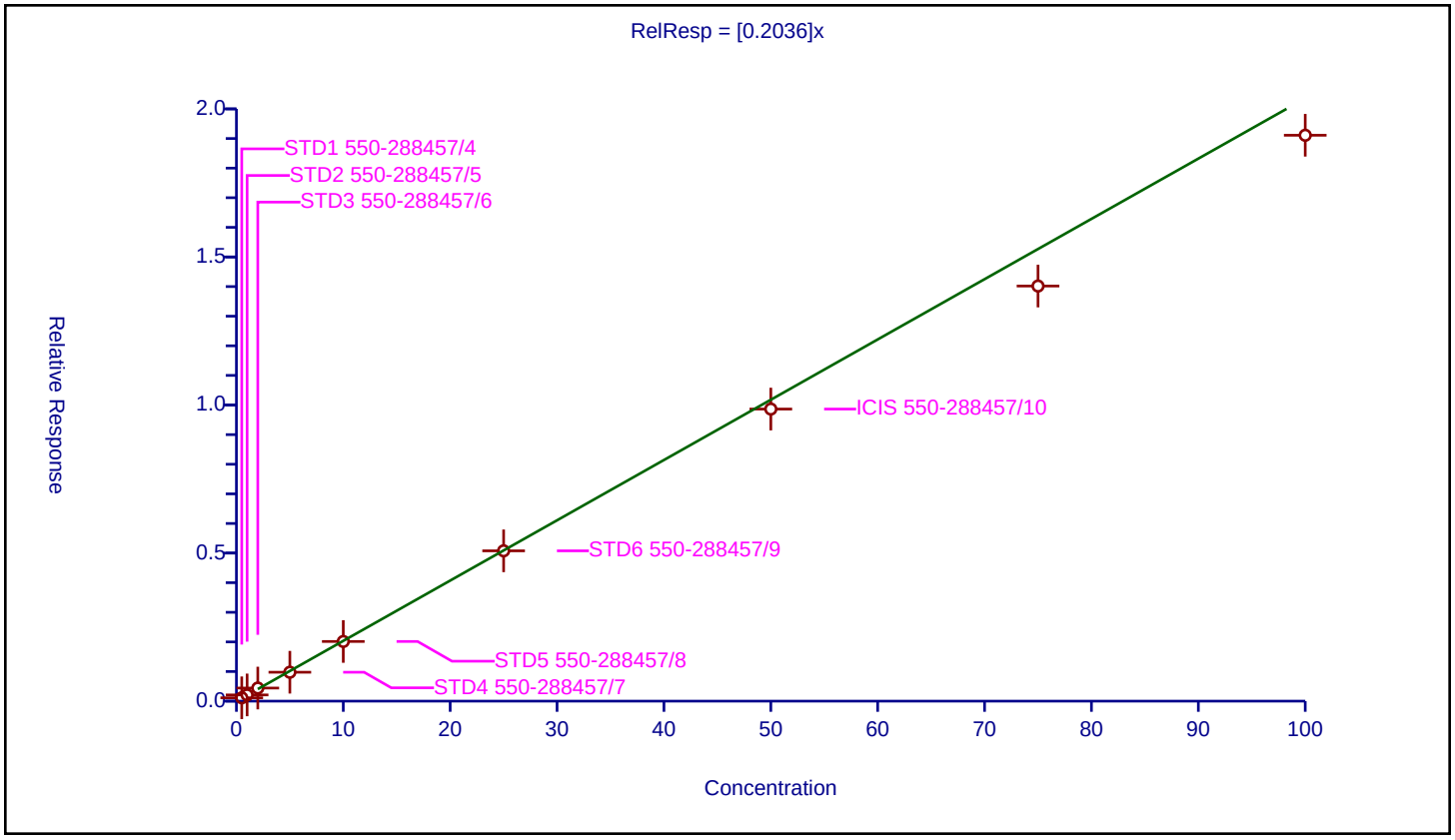
Curve Coefficients

Intercept:	0
Slope:	0.2036

Error Coefficients

Standard Error:	144000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.112945	25.0	391785.0	0.225889	Y
2	STD2 550-288457/5	1.0	0.210022	25.0	388411.0	0.210022	Y
3	STD3 550-288457/6	2.0	0.442275	25.0	411452.0	0.221138	Y
4	STD4 550-288457/7	5.0	0.97601	25.0	360396.0	0.195202	Y
5	STD5 550-288457/8	10.0	2.014999	25.0	396948.0	0.2015	Y
6	STD6 550-288457/9	25.0	5.076093	25.0	402598.0	0.203044	Y
7	ICIS 550-288457/10	50.0	9.86343	25.0	405764.0	0.197269	Y
8	STD8 550-288457/11	75.0	14.017931	25.0	396749.0	0.186906	Y
9	STD9 550-288457/12	100.0	19.109179	25.0	377876.0	0.191092	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

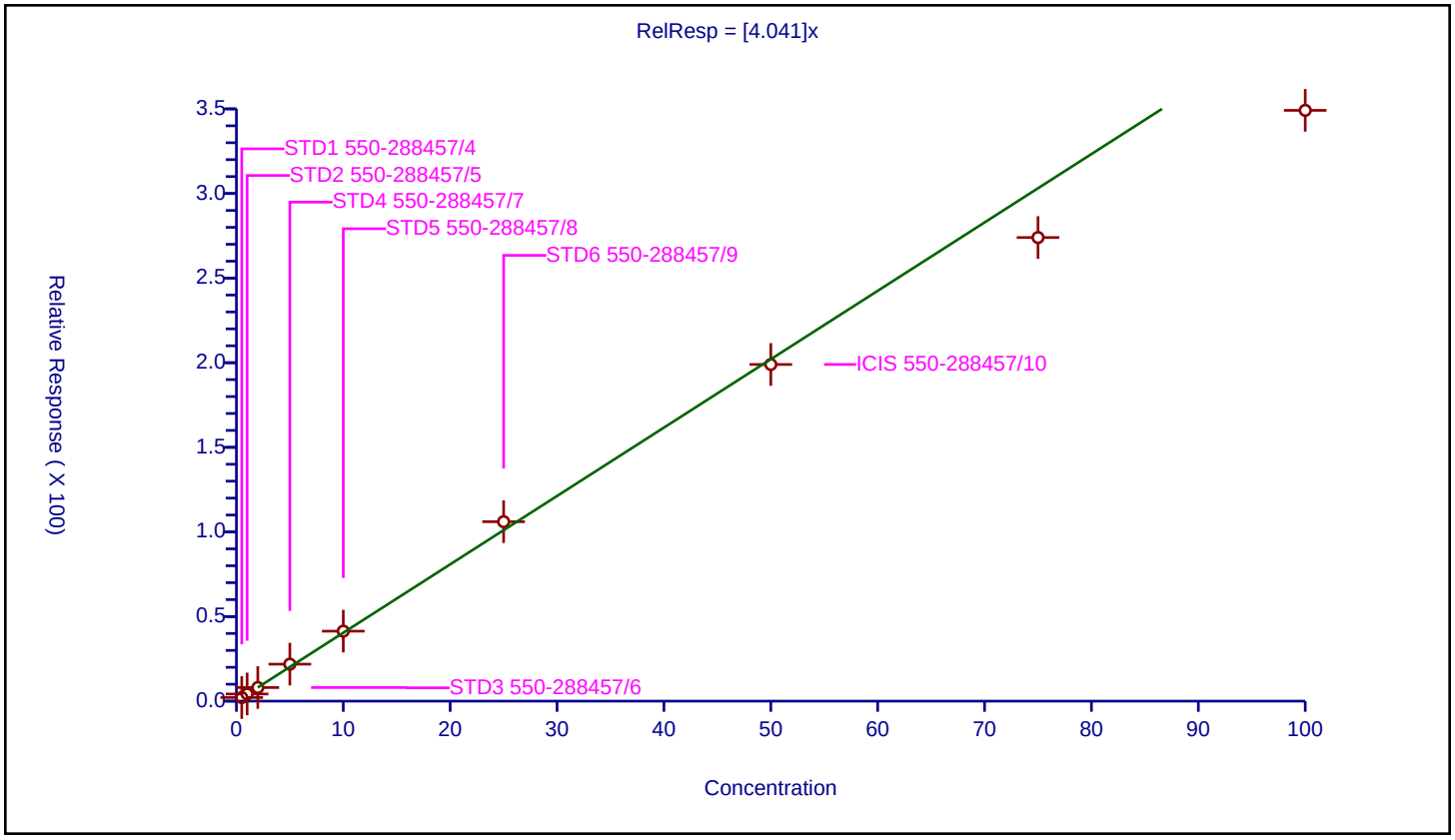
Curve Coefficients

Intercept:	0
Slope:	4.041

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	7.3
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	2.125783	25.0	391785.0	4.251567	Y
2	STD2 550-288457/5	1.0	4.232308	25.0	388411.0	4.232308	Y
3	STD3 550-288457/6	2.0	8.033197	25.0	411452.0	4.016599	Y
4	STD4 550-288457/7	5.0	21.849923	25.0	360396.0	4.369985	Y
5	STD5 550-288457/8	10.0	41.360014	25.0	396948.0	4.136001	Y
6	STD6 550-288457/9	25.0	106.048279	25.0	402598.0	4.241931	Y
7	ICIS 550-288457/10	50.0	198.960726	25.0	405764.0	3.979215	Y
8	STD8 550-288457/11	75.0	273.975486	25.0	396749.0	3.653006	Y
9	STD9 550-288457/12	100.0	349.128352	25.0	377876.0	3.491284	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

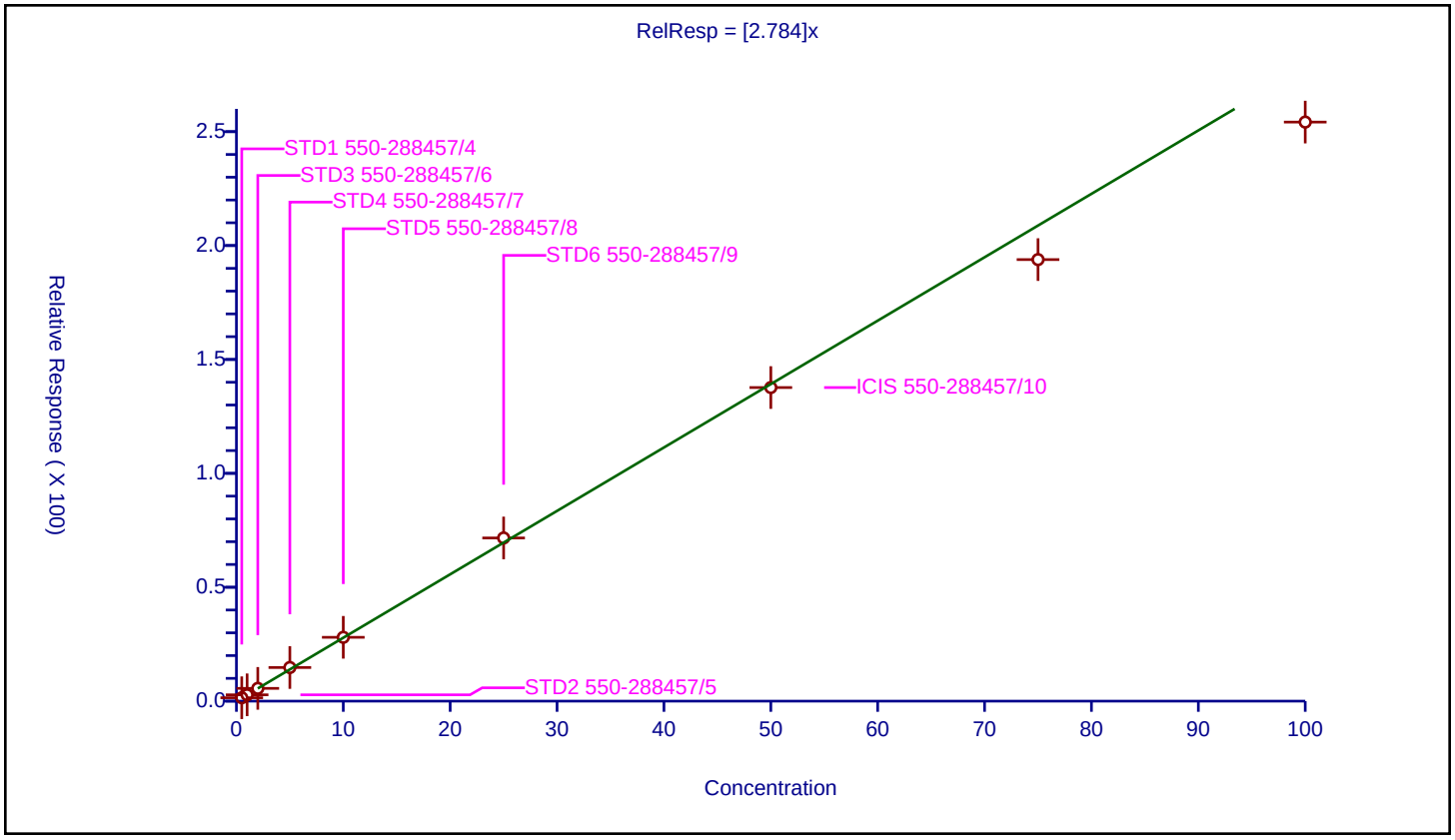
Curve Coefficients

Intercept:	0
Slope:	2.784

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	5.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.4857	25.0	391785.0	2.9714	Y
2	STD2 550-288457/5	1.0	2.779659	25.0	388411.0	2.779659	Y
3	STD3 550-288457/6	2.0	5.603995	25.0	411452.0	2.801998	Y
4	STD4 550-288457/7	5.0	14.7648	25.0	360396.0	2.95296	Y
5	STD5 550-288457/8	10.0	28.019413	25.0	396948.0	2.801941	Y
6	STD6 550-288457/9	25.0	71.637403	25.0	402598.0	2.865496	Y
7	ICIS 550-288457/10	50.0	137.675903	25.0	405764.0	2.753518	Y
8	STD8 550-288457/11	75.0	193.842455	25.0	396749.0	2.584566	Y
9	STD9 550-288457/12	100.0	254.214478	25.0	377876.0	2.542145	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

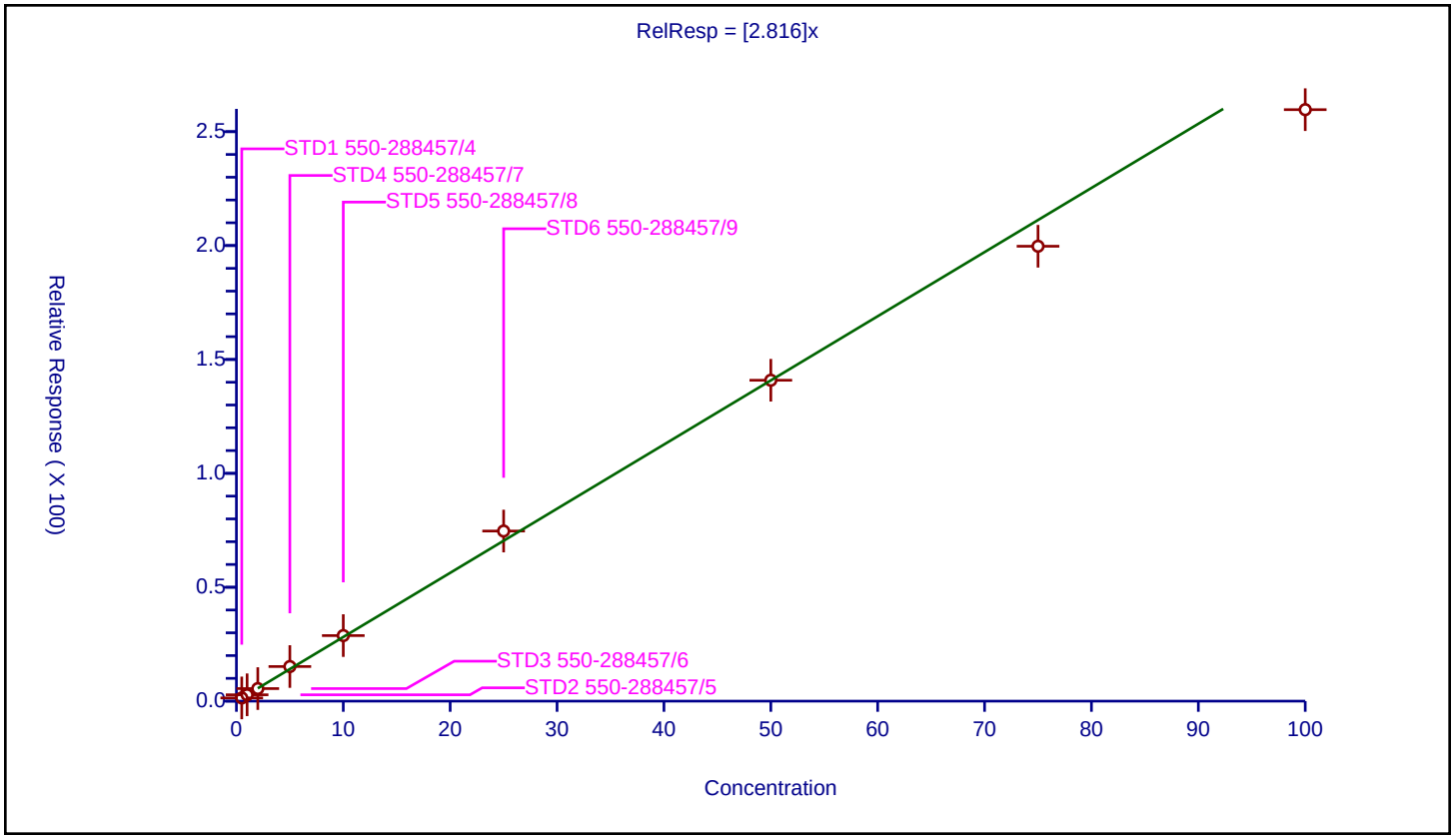
Curve Coefficients

Intercept:	0
Slope:	2.816

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	5.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.413084	25.0	391785.0	2.826167	Y
2	STD2 550-288457/5	1.0	2.783456	25.0	388411.0	2.783456	Y
3	STD3 550-288457/6	2.0	5.510242	25.0	411452.0	2.755121	Y
4	STD4 550-288457/7	5.0	15.193773	25.0	360396.0	3.038755	Y
5	STD5 550-288457/8	10.0	28.777699	25.0	396948.0	2.87777	Y
6	STD6 550-288457/9	25.0	74.67126	25.0	402598.0	2.98685	Y
7	ICIS 550-288457/10	50.0	140.875854	25.0	405764.0	2.817517	Y
8	STD8 550-288457/11	75.0	199.704284	25.0	396749.0	2.662724	Y
9	STD9 550-288457/12	100.0	259.662032	25.0	377876.0	2.59662	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

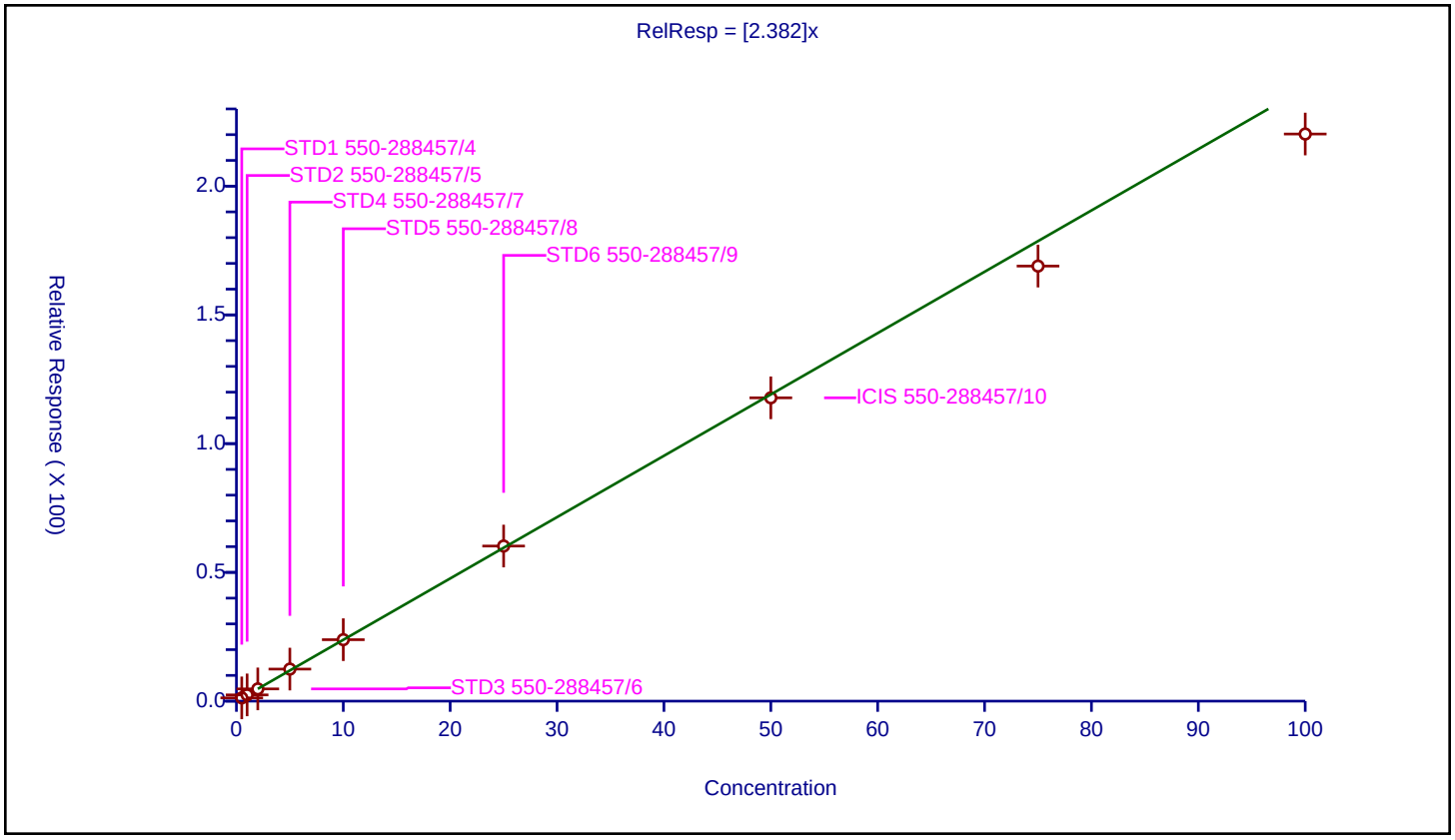
Curve Coefficients

Intercept:	0
Slope:	2.382

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	4.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.269319	25.0	391785.0	2.538637	Y
2	STD2 550-288457/5	1.0	2.424494	25.0	388411.0	2.424494	Y
3	STD3 550-288457/6	2.0	4.757177	25.0	411452.0	2.378589	Y
4	STD4 550-288457/7	5.0	12.44402	25.0	360396.0	2.488804	Y
5	STD5 550-288457/8	10.0	23.870822	25.0	396948.0	2.387082	Y
6	STD6 550-288457/9	25.0	60.238501	25.0	402598.0	2.40954	Y
7	ICIS 550-288457/10	50.0	117.797106	25.0	405764.0	2.355942	Y
8	STD8 550-288457/11	75.0	168.951466	25.0	396749.0	2.252686	Y
9	STD9 550-288457/12	100.0	220.245993	25.0	377876.0	2.20246	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

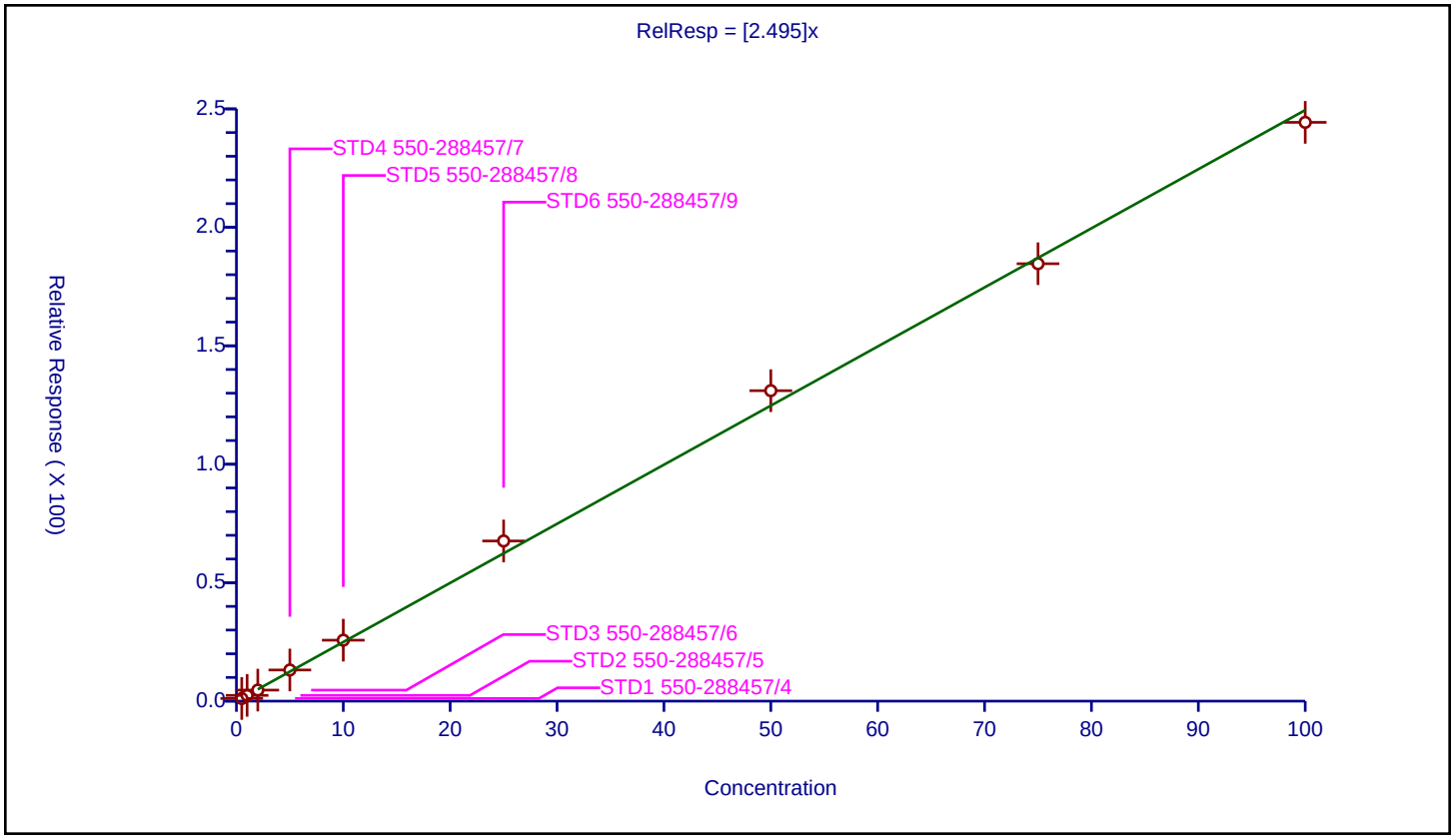
Curve Coefficients

Intercept:	0
Slope:	2.495

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	5.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.128425	25.0	391785.0	2.25685	Y
2	STD2 550-288457/5	1.0	2.43344	25.0	388411.0	2.43344	Y
3	STD3 550-288457/6	2.0	4.662573	25.0	411452.0	2.331287	Y
4	STD4 550-288457/7	5.0	13.143181	25.0	360396.0	2.628636	Y
5	STD5 550-288457/8	10.0	25.724465	25.0	396948.0	2.572447	Y
6	STD6 550-288457/9	25.0	67.609315	25.0	402598.0	2.704373	Y
7	ICIS 550-288457/10	50.0	131.056168	25.0	405764.0	2.621123	Y
8	STD8 550-288457/11	75.0	184.65056	25.0	396749.0	2.462007	Y
9	STD9 550-288457/12	100.0	244.31844	25.0	377876.0	2.443184	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

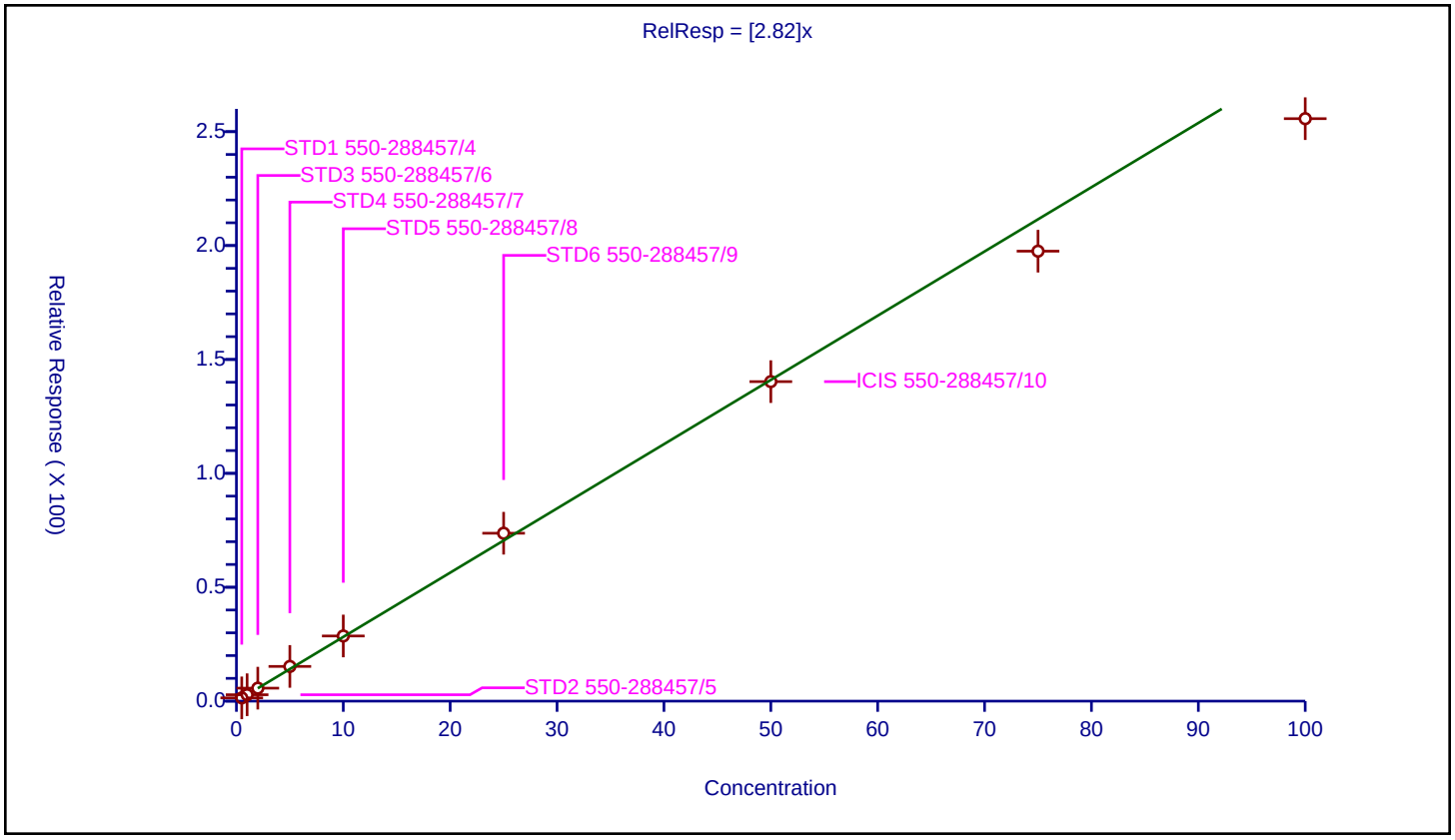
Curve Coefficients

Intercept:	0
Slope:	2.82

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.43529	25.0	391785.0	2.87058	Y
2	STD2 550-288457/5	1.0	2.808301	25.0	388411.0	2.808301	Y
3	STD3 550-288457/6	2.0	5.699146	25.0	411452.0	2.849573	Y
4	STD4 550-288457/7	5.0	15.238585	25.0	360396.0	3.047717	Y
5	STD5 550-288457/8	10.0	28.606833	25.0	396948.0	2.860683	Y
6	STD6 550-288457/9	25.0	73.715903	25.0	402598.0	2.948636	Y
7	ICIS 550-288457/10	50.0	140.268481	25.0	405764.0	2.80537	Y
8	STD8 550-288457/11	75.0	197.541519	25.0	396749.0	2.633887	Y
9	STD9 550-288457/12	100.0	255.708222	25.0	377876.0	2.557082	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

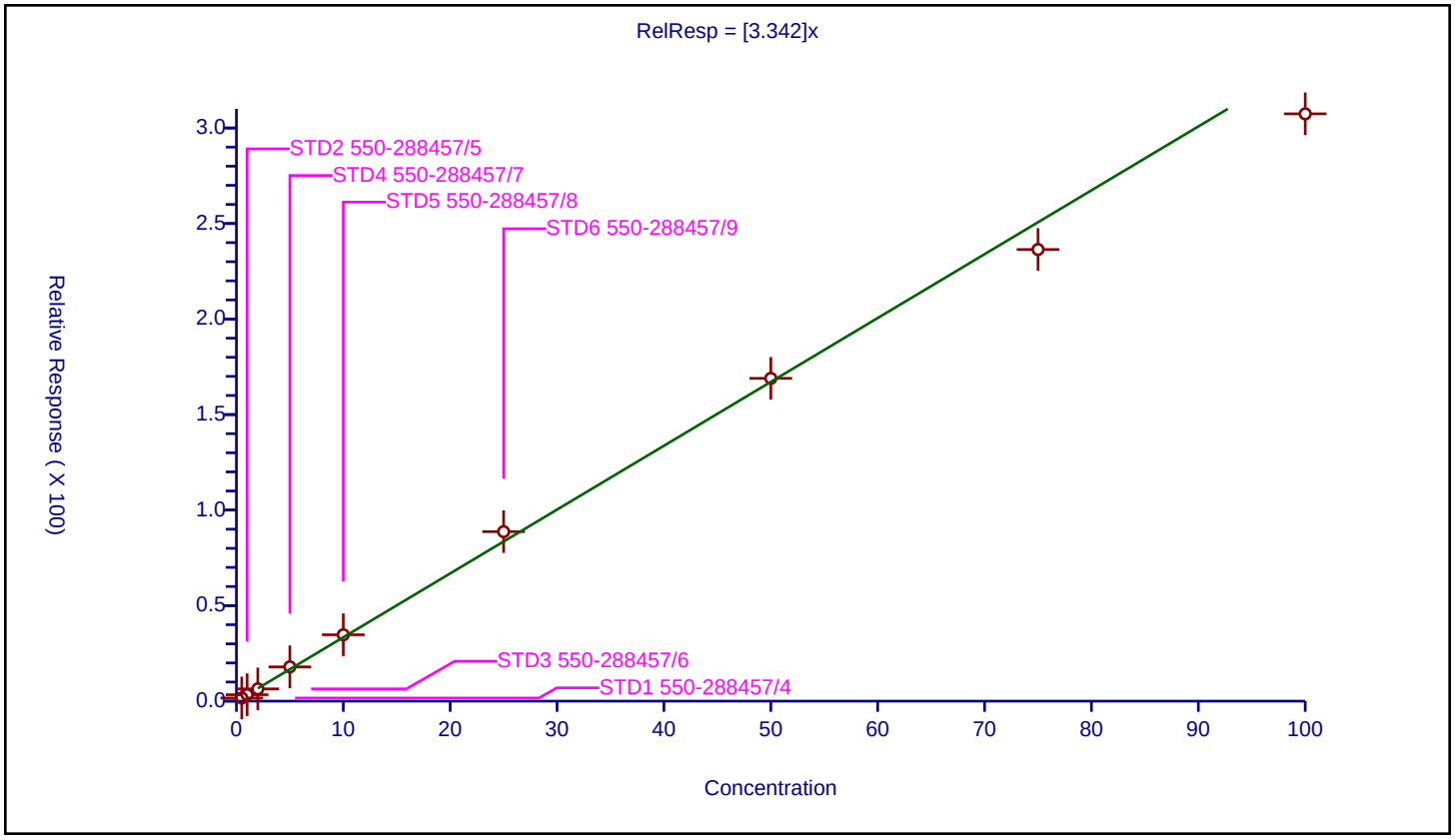
Curve Coefficients

Intercept:	0
Slope:	3.342

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.643567	25.0	391785.0	3.287135	Y
2	STD2 550-288457/5	1.0	3.364606	25.0	388411.0	3.364606	Y
3	STD3 550-288457/6	2.0	6.41782	25.0	411452.0	3.20891	Y
4	STD4 550-288457/7	5.0	17.949145	25.0	360396.0	3.589829	Y
5	STD5 550-288457/8	10.0	34.74542	25.0	396948.0	3.474542	Y
6	STD6 550-288457/9	25.0	88.717343	25.0	402598.0	3.548694	Y
7	ICIS 550-288457/10	50.0	168.963301	25.0	405764.0	3.379266	Y
8	STD8 550-288457/11	75.0	236.407338	25.0	396749.0	3.152098	Y
9	STD9 550-288457/12	100.0	307.415594	25.0	377876.0	3.074156	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

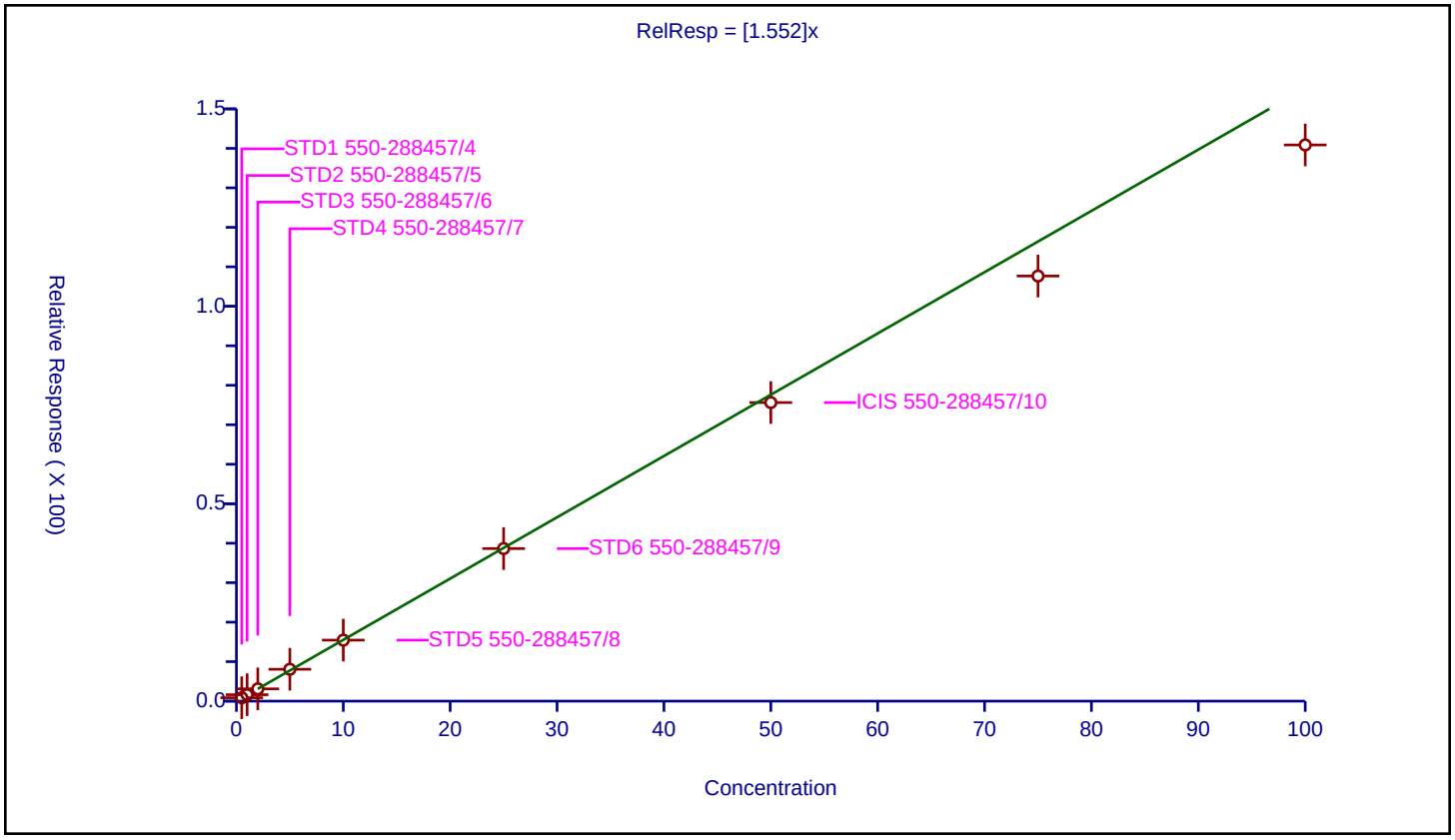
Curve Coefficients

Intercept:	0
Slope:	1.552

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	6.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.861569	25.0	391785.0	1.723139	Y
2	STD2 550-288457/5	1.0	1.626692	25.0	388411.0	1.626692	Y
3	STD3 550-288457/6	2.0	3.113182	25.0	411452.0	1.556591	Y
4	STD4 550-288457/7	5.0	8.072578	25.0	360396.0	1.614516	Y
5	STD5 550-288457/8	10.0	15.454228	25.0	396948.0	1.545423	Y
6	STD6 550-288457/9	25.0	38.639971	25.0	402598.0	1.545599	Y
7	ICIS 550-288457/10	50.0	75.620619	25.0	405764.0	1.512412	Y
8	STD8 550-288457/11	75.0	107.672798	25.0	396749.0	1.435637	Y
9	STD9 550-288457/12	100.0	140.868367	25.0	377876.0	1.408684	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

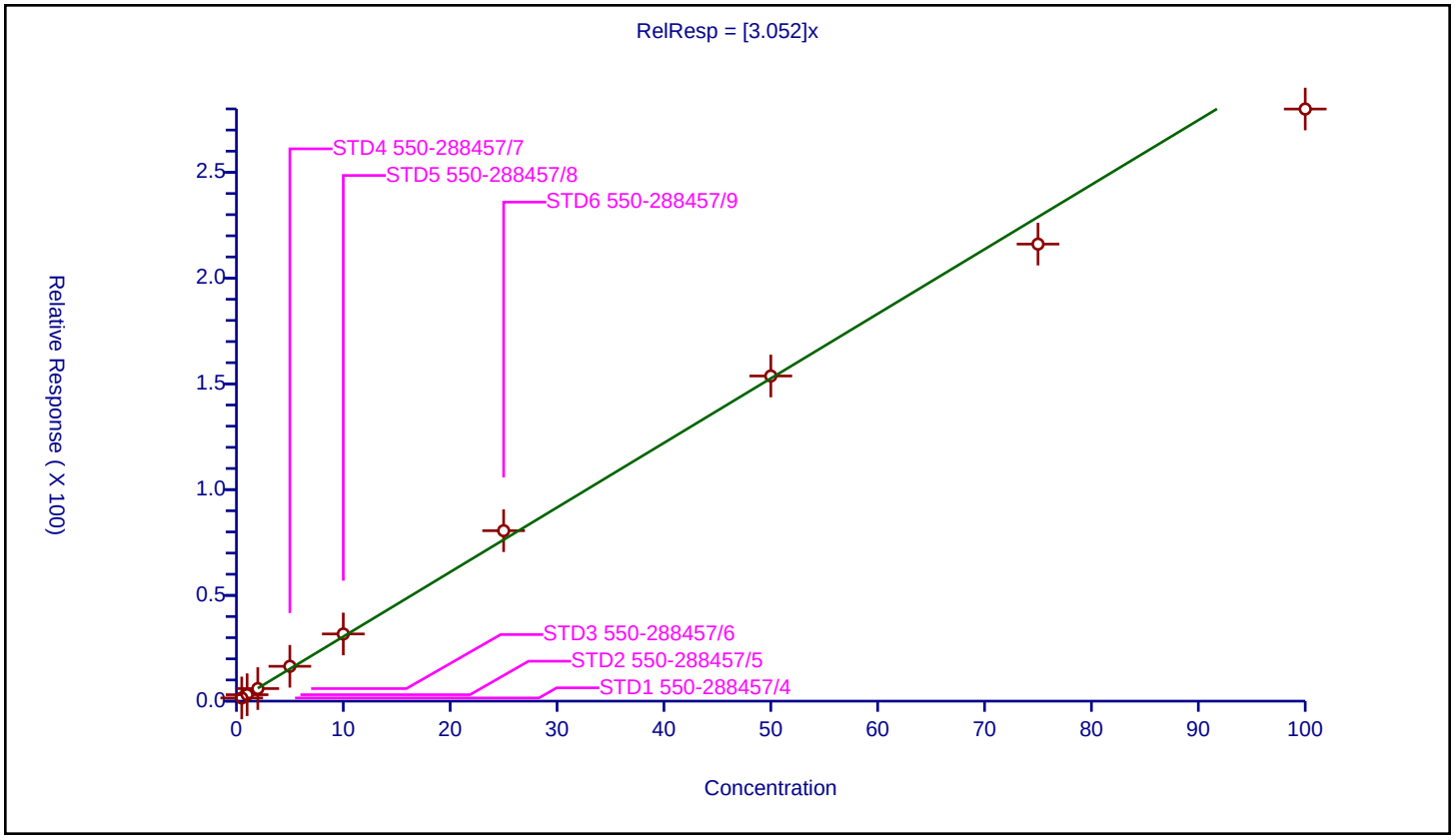
Curve Coefficients

Intercept:	0
Slope:	3.052

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.505418	25.0	391785.0	3.010835	Y
2	STD2 550-288457/5	1.0	3.037568	25.0	388411.0	3.037568	Y
3	STD3 550-288457/6	2.0	5.936598	25.0	411452.0	2.968299	Y
4	STD4 550-288457/7	5.0	16.478193	25.0	360396.0	3.295639	Y
5	STD5 550-288457/8	10.0	31.764866	25.0	396948.0	3.176487	Y
6	STD6 550-288457/9	25.0	80.580256	25.0	402598.0	3.22321	Y
7	ICIS 550-288457/10	50.0	153.727043	25.0	405764.0	3.074541	Y
8	STD8 550-288457/11	75.0	216.081011	25.0	396749.0	2.88108	Y
9	STD9 550-288457/12	100.0	279.935945	25.0	377876.0	2.799359	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

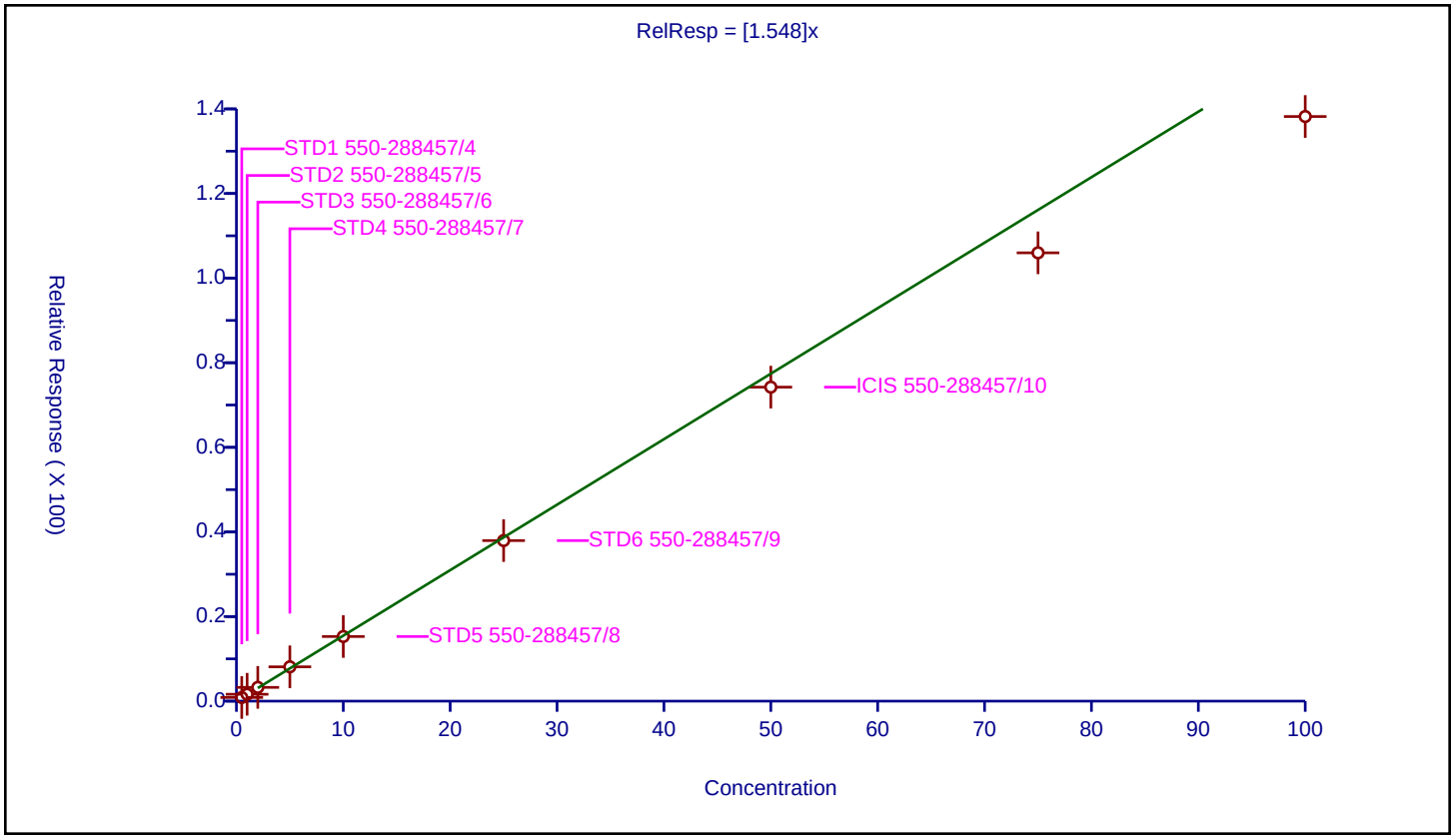
Curve Coefficients

Intercept:	0
Slope:	1.548

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	7.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.86693	25.0	391785.0	1.733859	Y
2	STD2 550-288457/5	1.0	1.625469	25.0	388411.0	1.625469	Y
3	STD3 550-288457/6	2.0	3.25208	25.0	411452.0	1.62604	Y
4	STD4 550-288457/7	5.0	8.110245	25.0	360396.0	1.622049	Y
5	STD5 550-288457/8	10.0	15.279016	25.0	396948.0	1.527902	Y
6	STD6 550-288457/9	25.0	37.956721	25.0	402598.0	1.518269	Y
7	ICIS 550-288457/10	50.0	74.225966	25.0	405764.0	1.484519	Y
8	STD8 550-288457/11	75.0	105.979221	25.0	396749.0	1.413056	Y
9	STD9 550-288457/12	100.0	138.199039	25.0	377876.0	1.38199	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

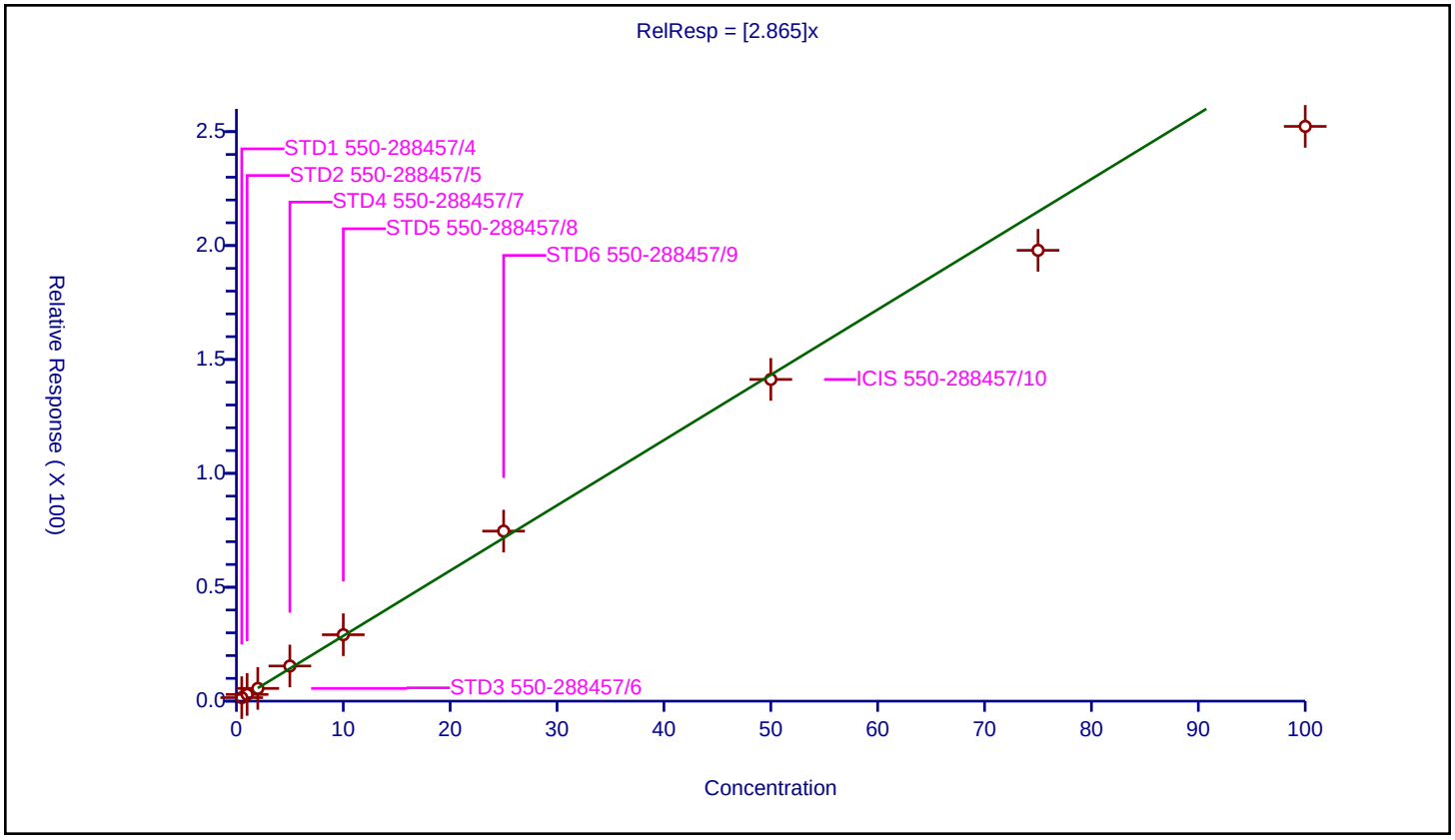
Curve Coefficients

Intercept:	0
Slope:	2.865

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	6.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.539365	25.0	391785.0	3.078729	Y
2	STD2 550-288457/5	1.0	2.938962	25.0	388411.0	2.938962	Y
3	STD3 550-288457/6	2.0	5.587651	25.0	411452.0	2.793825	Y
4	STD4 550-288457/7	5.0	15.427266	25.0	360396.0	3.085453	Y
5	STD5 550-288457/8	10.0	29.149851	25.0	396948.0	2.914985	Y
6	STD6 550-288457/9	25.0	74.647353	25.0	402598.0	2.985894	Y
7	ICIS 550-288457/10	50.0	141.241152	25.0	405764.0	2.824823	Y
8	STD8 550-288457/11	75.0	197.908627	25.0	396749.0	2.638782	Y
9	STD9 550-288457/12	100.0	252.314582	25.0	377876.0	2.523146	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

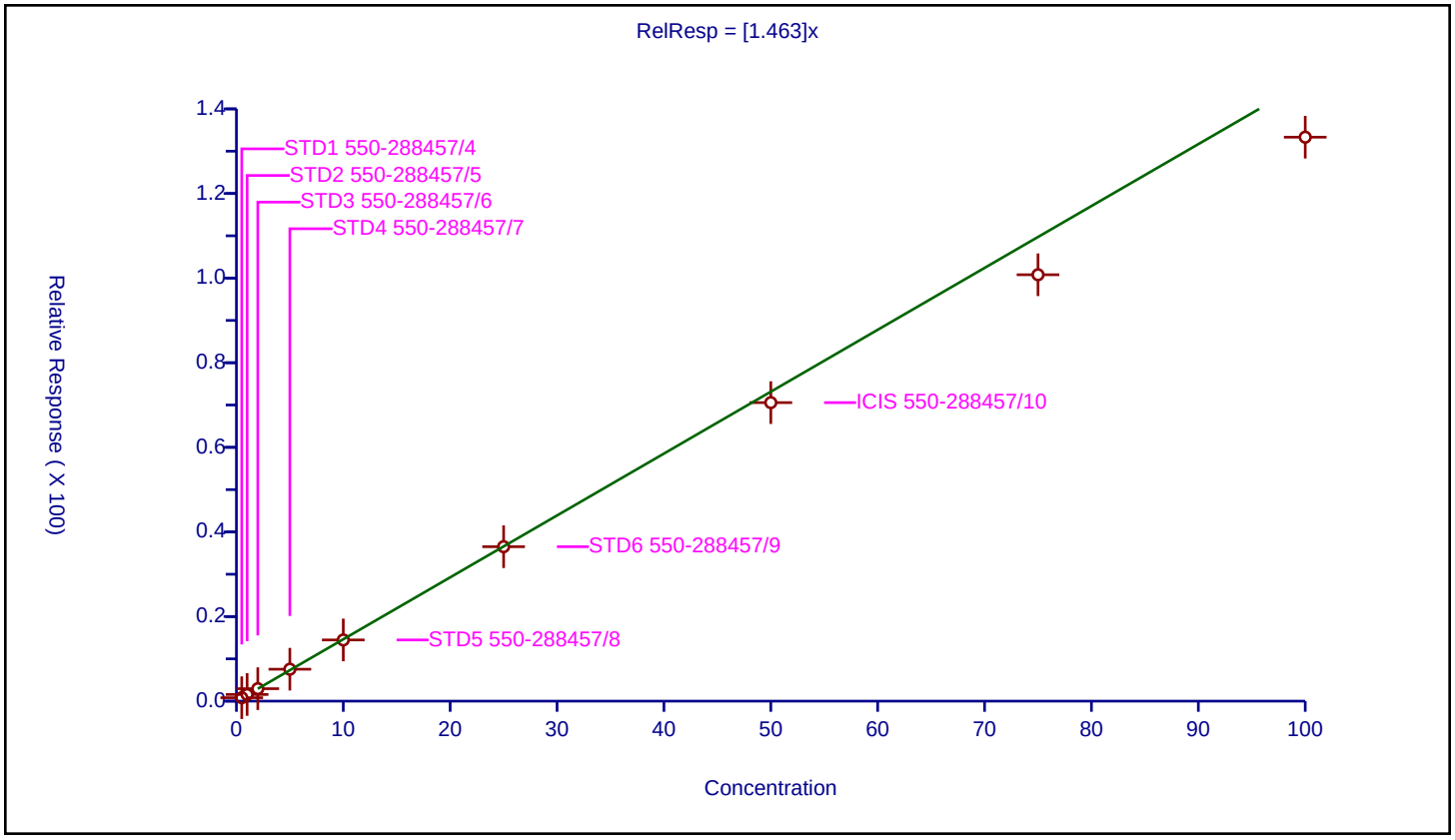
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	6.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.811861	25.0	391785.0	1.623722	Y
2	STD2 550-288457/5	1.0	1.567669	25.0	388411.0	1.567669	Y
3	STD3 550-288457/6	2.0	2.942567	25.0	411452.0	1.471283	Y
4	STD4 550-288457/7	5.0	7.5433	25.0	360396.0	1.50866	Y
5	STD5 550-288457/8	10.0	14.466504	25.0	396948.0	1.44665	Y
6	STD6 550-288457/9	25.0	36.509372	25.0	402598.0	1.460375	Y
7	ICIS 550-288457/10	50.0	70.565279	25.0	405764.0	1.411306	Y
8	STD8 550-288457/11	75.0	100.794646	25.0	396749.0	1.343929	Y
9	STD9 550-288457/12	100.0	133.31622	25.0	377876.0	1.333162	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

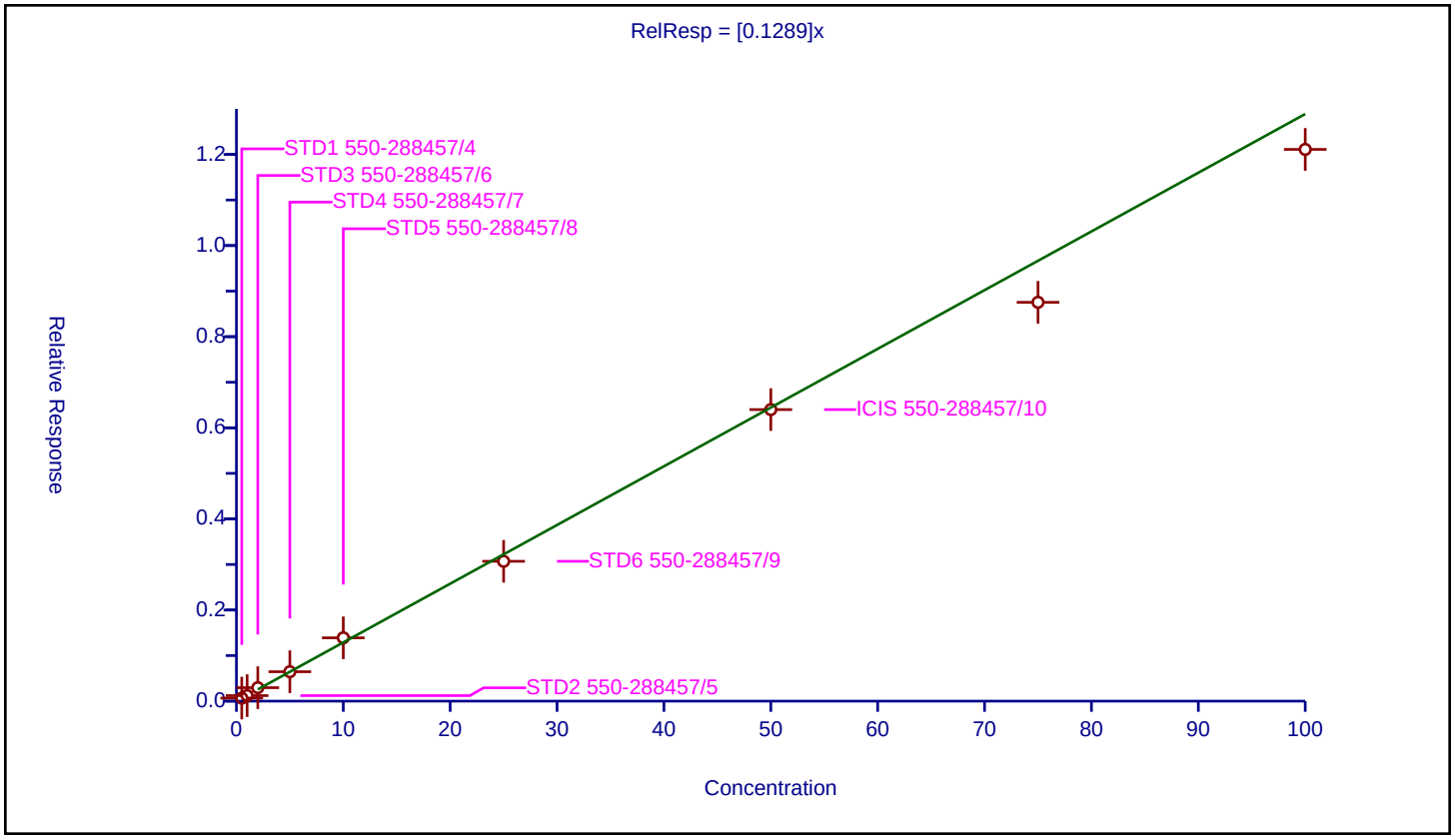
Curve Coefficients

Intercept:	0
Slope:	0.1289

Error Coefficients

Standard Error:	91300
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.066937	25.0	391785.0	0.133874	Y
2	STD2 550-288457/5	1.0	0.121521	25.0	388411.0	0.121521	Y
3	STD3 550-288457/6	2.0	0.295478	25.0	411452.0	0.147739	Y
4	STD4 550-288457/7	5.0	0.645679	25.0	360396.0	0.129136	Y
5	STD5 550-288457/8	10.0	1.390169	25.0	396948.0	0.139017	Y
6	STD6 550-288457/9	25.0	3.069501	25.0	402598.0	0.12278	Y
7	ICIS 550-288457/10	50.0	6.399533	25.0	405764.0	0.127991	Y
8	STD8 550-288457/11	75.0	8.754401	25.0	396749.0	0.116725	Y
9	STD9 550-288457/12	100.0	12.11052	25.0	377876.0	0.121105	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

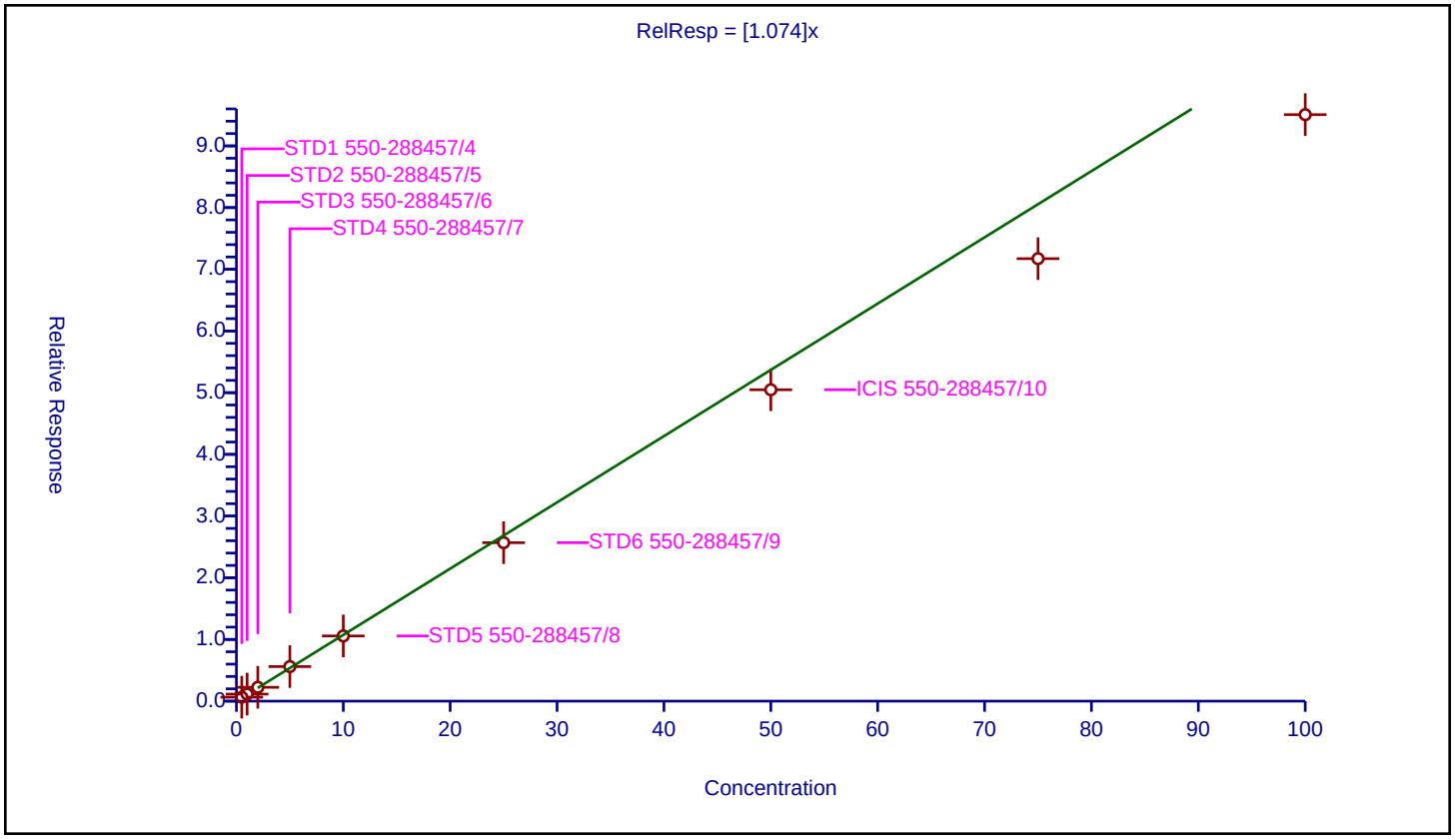
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	728000
Relative Standard Error:	9.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.639445	25.0	391785.0	1.27889	Y
2	STD2 550-288457/5	1.0	1.143891	25.0	388411.0	1.143891	Y
3	STD3 550-288457/6	2.0	2.242971	25.0	411452.0	1.121486	Y
4	STD4 550-288457/7	5.0	5.603211	25.0	360396.0	1.120642	Y
5	STD5 550-288457/8	10.0	10.565175	25.0	396948.0	1.056517	Y
6	STD6 550-288457/9	25.0	25.686044	25.0	402598.0	1.027442	Y
7	ICIS 550-288457/10	50.0	50.474167	25.0	405764.0	1.009483	Y
8	STD8 550-288457/11	75.0	71.725764	25.0	396749.0	0.956344	Y
9	STD9 550-288457/12	100.0	95.067496	25.0	377876.0	0.950675	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

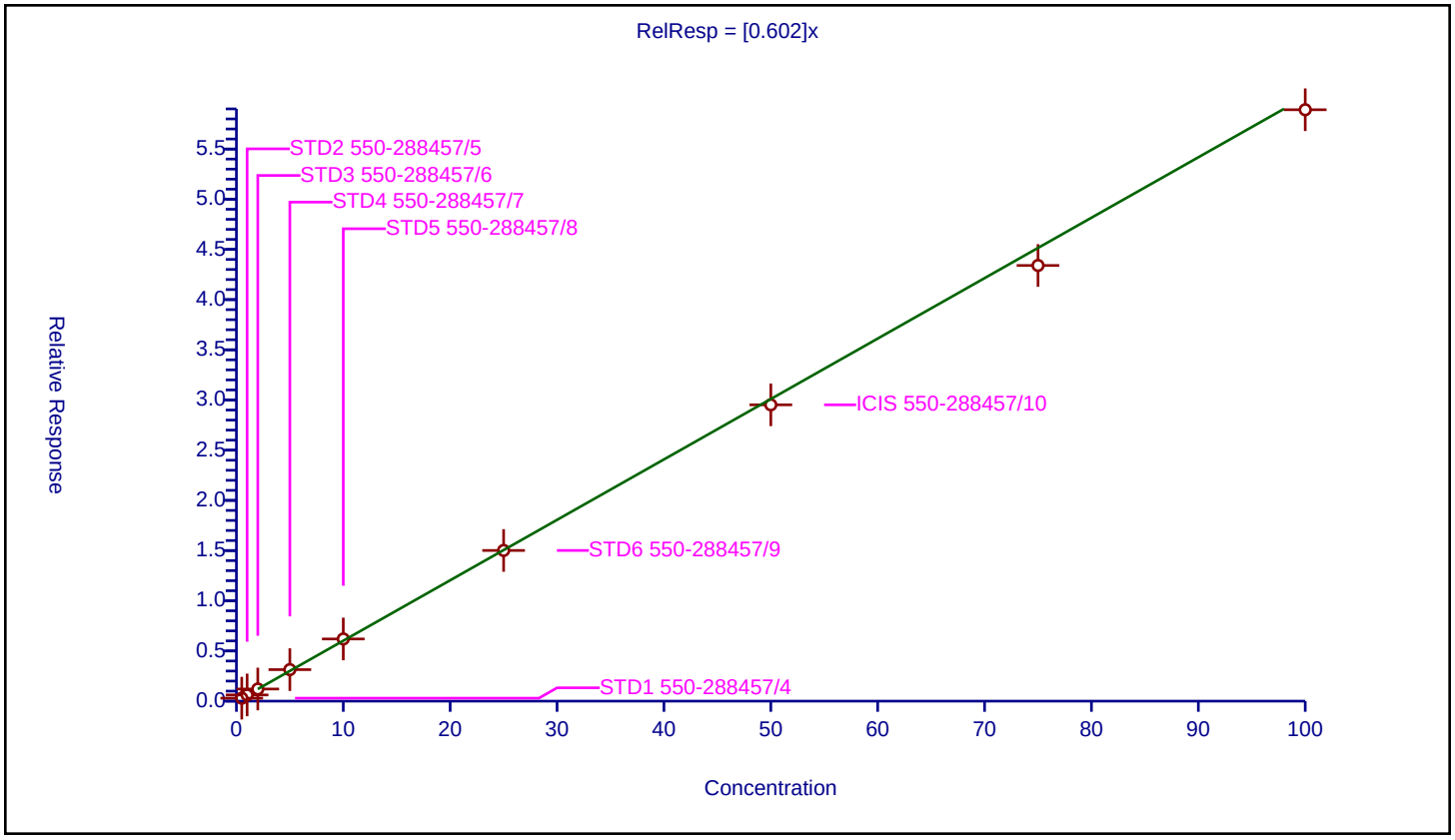
Curve Coefficients

Intercept:	0
Slope:	0.602

Error Coefficients

Standard Error:	443000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.295953	25.0	391785.0	0.591906	Y
2	STD2 550-288457/5	1.0	0.615714	25.0	388411.0	0.615714	Y
3	STD3 550-288457/6	2.0	1.208221	25.0	411452.0	0.604111	Y
4	STD4 550-288457/7	5.0	3.139533	25.0	360396.0	0.627907	Y
5	STD5 550-288457/8	10.0	6.194892	25.0	396948.0	0.619489	Y
6	STD6 550-288457/9	25.0	15.010445	25.0	402598.0	0.600418	Y
7	ICIS 550-288457/10	50.0	29.519807	25.0	405764.0	0.590396	Y
8	STD8 550-288457/11	75.0	43.401874	25.0	396749.0	0.578692	Y
9	STD9 550-288457/12	100.0	58.914895	25.0	377876.0	0.589149	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

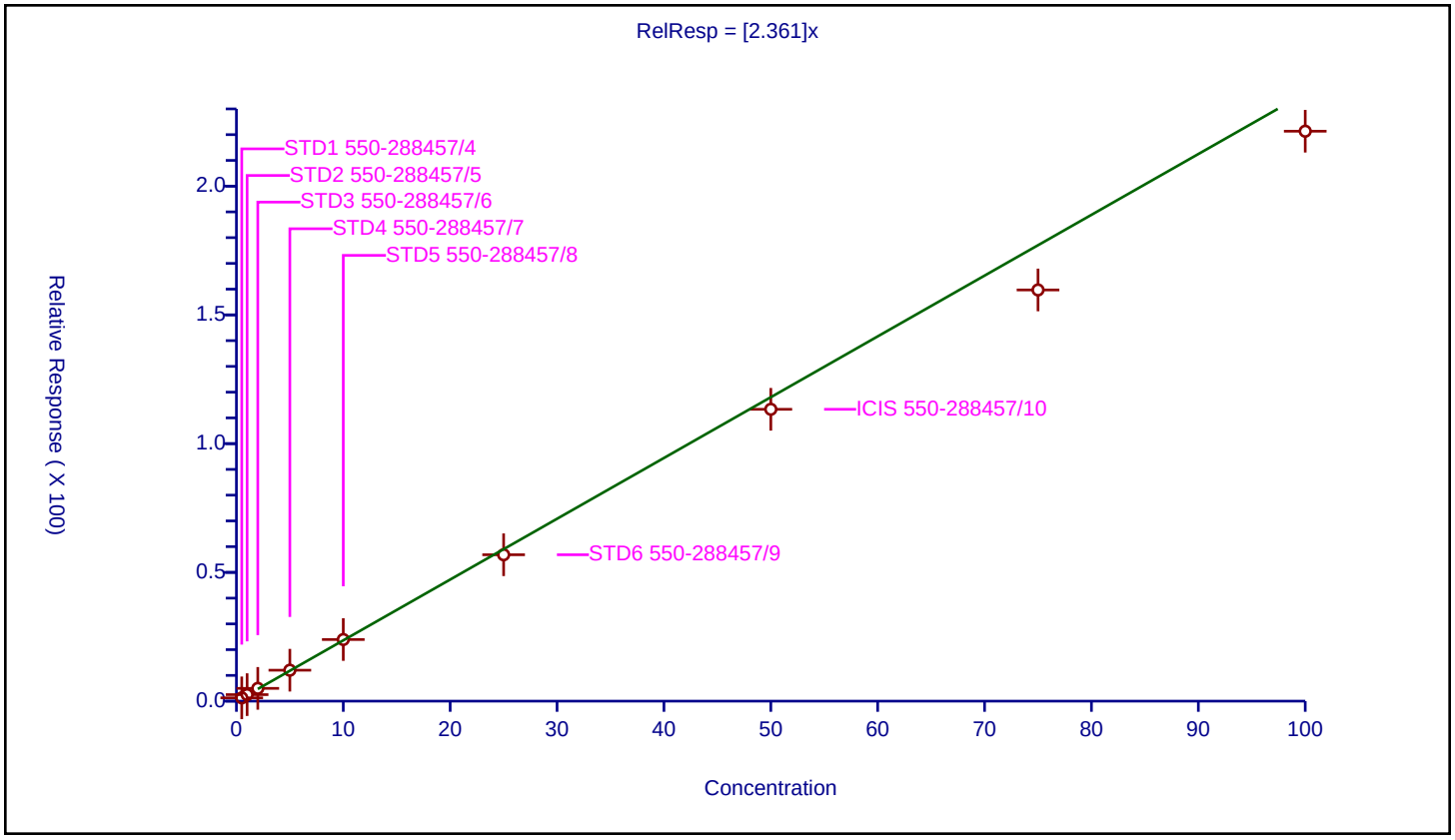
Curve Coefficients

Intercept:	0
Slope:	2.361

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	1.280549	25.0	391785.0	2.561099	Y
2	STD2 550-288457/5	1.0	2.524645	25.0	388411.0	2.524645	Y
3	STD3 550-288457/6	2.0	4.96358	25.0	411452.0	2.48179	Y
4	STD4 550-288457/7	5.0	12.015047	25.0	360396.0	2.403009	Y
5	STD5 550-288457/8	10.0	23.928071	25.0	396948.0	2.392807	Y
6	STD6 550-288457/9	25.0	56.848333	25.0	402598.0	2.273933	Y
7	ICIS 550-288457/10	50.0	113.33811	25.0	405764.0	2.266762	Y
8	STD8 550-288457/11	75.0	159.686981	25.0	396749.0	2.12916	Y
9	STD9 550-288457/12	100.0	221.336894	25.0	377876.0	2.213369	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

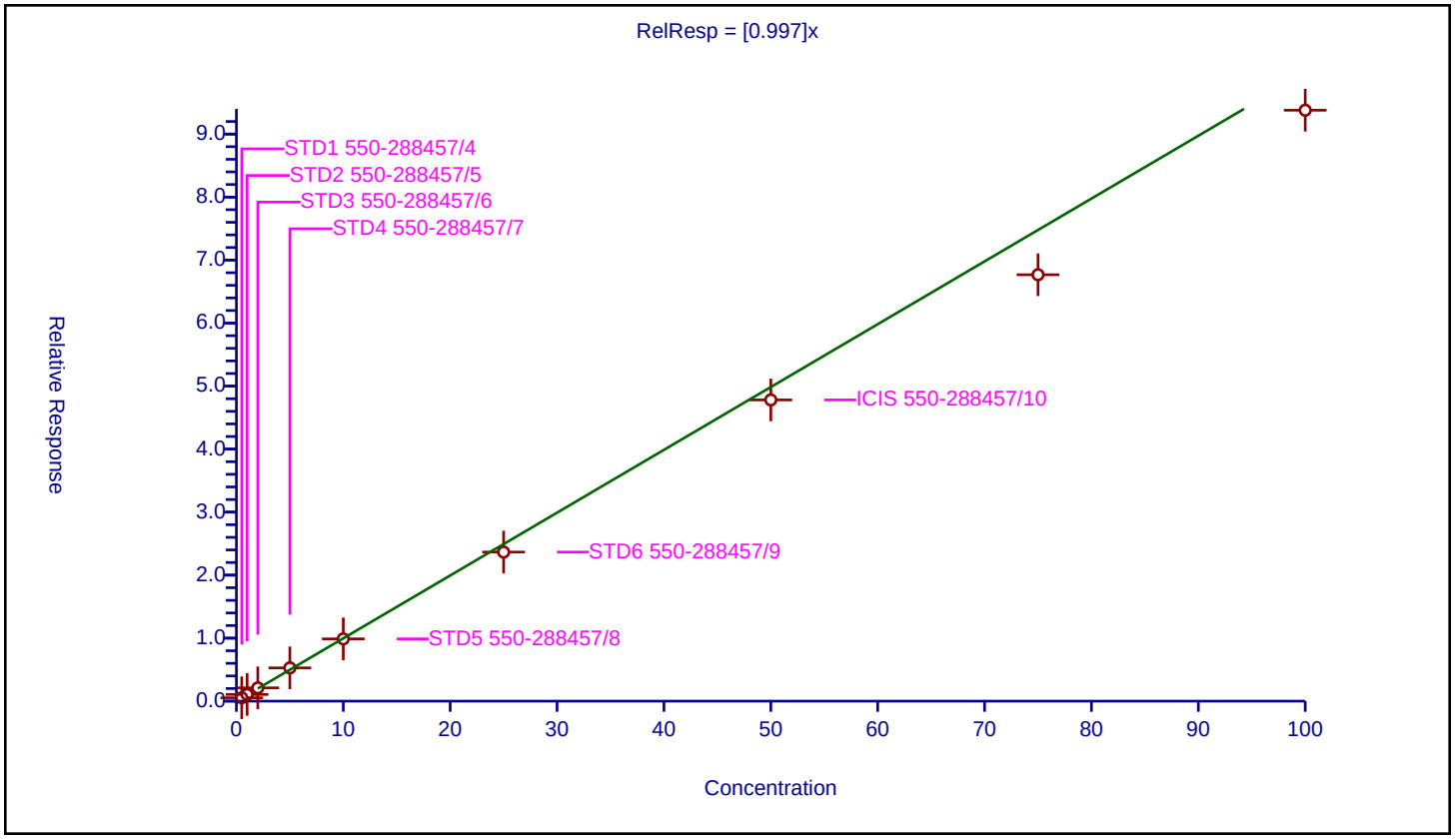
Curve Coefficients

Intercept:	0
Slope:	0.997

Error Coefficients

Standard Error:	702000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288457/4	0.5	0.535498	25.0	391785.0	1.070996	Y
2	STD2 550-288457/5	1.0	1.062277	25.0	388411.0	1.062277	Y
3	STD3 550-288457/6	2.0	2.107232	25.0	411452.0	1.053616	Y
4	STD4 550-288457/7	5.0	5.277112	25.0	360396.0	1.055422	Y
5	STD5 550-288457/8	10.0	9.882718	25.0	396948.0	0.988272	Y
6	STD6 550-288457/9	25.0	23.659829	25.0	402598.0	0.946393	Y
7	ICIS 550-288457/10	50.0	47.807346	25.0	405764.0	0.956147	Y
8	STD8 550-288457/11	75.0	67.677927	25.0	396749.0	0.902372	Y
9	STD9 550-288457/12	100.0	93.789497	25.0	377876.0	0.937895	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3023		81.2	50.0	162*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5657		55.7	50.0	111	60-140
Chloromethane	Ave	0.4137	0.5160	0.1000	62.4	50.0	125	48-144
Vinyl chloride	Ave	0.3739	0.4408		58.9	50.0	118	80-120
Butadiene	Ave	0.3760	0.4684		62.3	50.0	125	50-141
Bromomethane	Ave	0.2173	0.2382		54.8	50.0	110	40-144
Chloroethane	Ave	0.2134	0.2519		59.0	50.0	118	60-132
Trichlorofluoromethane	Ave	0.5470	0.5677		51.9	50.0	104	68-136
Ethanol	Lin1		0.1062		862	1000	86	36-150
1,1-Dichloroethene	Ave	0.2971	0.3028		50.9	50.0	102	80-120
Freon 113	Ave	0.3046	0.3279		53.8	50.0	108	76-124
Acetone	Lin1		0.0805		45.0	50.0	90	12-150
Iodomethane	Ave	0.5343	0.6739		63.1	50.0	126	40-150
Carbon disulfide	Ave	0.8222	0.9883		60.1	50.0	120	64-136
Methylene Chloride	Lin1		0.2830		48.7	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.295		262	250	105	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6547		50.2	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3214		51.1	50.0	102	76-120
Hexane	Ave	0.3912	0.4498		57.5	50.0	115	56-150
1,1-Dichloroethane	Ave	0.4939	0.5107	0.1000	51.7	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0416		54.4	50.0	109	48-150
Isopropyl ether	Ave	0.7076	0.7547		53.3	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7111		51.7	50.0	103	72-140
2-Butanone (MEK)	Ave	0.0272	0.0280		51.5	50.0	103	44-150
2,2-Dichloropropane	Ave	0.4545	0.4900		53.9	50.0	108	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4192		45.6	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1515		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0340		49.0	50.0	98	64-139
Chloroform	Ave	0.5149	0.4979		48.3	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4985		50.3	50.0	101	72-132
Carbon tetrachloride	Ave	0.6413	0.6032		47.0	50.0	94	72-136
1,1-Dichloropropene	Ave	0.5271	0.5073		48.1	50.0	96	76-128
Benzene	Ave	1.525	1.423		46.7	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3917		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8524		47.2	50.0	94	68-140
Trichloroethene	Ave	0.4237	0.3935		46.4	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3169		46.7	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1917		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4440		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1570		45.7	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5265		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2395		49.2	50.0	98	60-144
Toluene	Ave	0.9499	0.9023		47.5	50.0	95	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4454		48.2	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2521		44.2	50.0	88	72-132
Tetrachloroethene	Ave	0.4284	0.3955		46.2	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4101		44.8	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1724		51.3	50.0	103	52-150
Chlorodibromomethane	Ave	0.3686	0.3320		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2647		45.0	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9907	0.3000	44.7	50.0	89	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3684		44.8	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.661		46.8	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.142		44.9	50.0	90	80-120
o-Xylene	Ave	1.271	1.133		44.6	50.0	89	72-128
Styrene	Ave	2.071	1.828		44.1	50.0	88	84-124
Bromoform	Lin1		0.3883	0.1000	37.5	50.0	75	68-132
Isopropylbenzene	Ave	3.305	3.011		45.5	50.0	91	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5231	0.3000	42.8	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7562		41.9	50.0	84	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0961		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1571		40.4	50.0	81	76-128
N-Propylbenzene	Ave	3.693	3.426		46.4	50.0	93	76-132
2-Chlorotoluene	Ave	2.491	2.296		46.1	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.561		46.2	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.008		45.3	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.310		46.2	50.0	92	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.425		45.8	50.0	92	80-128
sec-Butylbenzene	Ave	3.163	2.985		47.2	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.534		44.4	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.909		48.1	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.491		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.496		49.7	50.0	99	76-132
1,2-Dichlorobenzene	Ave	1.627	1.361		41.8	50.0	84	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.0990		42.9	50.0	86	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.038		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6781		44.9	50.0	90	76-132
Naphthalene	Ave	2.367	1.816		38.4	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8700		39.0	50.0	78	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2646		37.0	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.281		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7315		32.8	40.0	82	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: ICV 550-288457/15 Calibration Date: 11/11/2022 17:44

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11112216.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1618		46.9	50.0	94	59-143
Dichlorodifluoromethane	Ave	0.2803	0.2360		42.1	50.0	84	60-140
Chloromethane	Ave	0.3120	0.2437	0.1000	39.1	50.0	78	48-144
Vinyl chloride	Ave	0.2488	0.2373		47.7	50.0	95	80-120
Butadiene	Ave	0.2496	0.2114		42.4	50.0	85	50-141
Bromomethane	Qua		0.1137		41.8	50.0	84	40-144
Chloroethane	Ave	0.1575	0.1425		45.2	50.0	90	60-132
Trichlorofluoromethane	Ave	0.3652	0.3280		44.9	50.0	90	68-136
Ethanol	Lin1		0.1311		475	500	95	36-150
1,1-Dichloroethene	Ave	0.2581	0.2440		47.3	50.0	95	80-120
Freon 113	Ave	0.2296	0.2102		45.8	50.0	92	76-124
Acetone	Ave	0.1217	0.0940		38.6	50.0	77	12-150
Iodomethane	Ave	0.4055	0.3473		42.8	50.0	86	40-150
Carbon disulfide	Ave	0.8316	0.7440		44.7	50.0	89	64-136
Methylene Chloride	Lin2		0.2644		46.9	50.0	94	68-128
2-Methyl-2-propanol	Lin2		1.393		253	250	101	70-134
Methyl tert-butyl ether	Ave	0.6515	0.6269		48.1	50.0	96	64-140
trans-1,2-Dichloroethene	Ave	0.3168	0.2888		45.6	50.0	91	76-120
Hexane	Ave	0.4904	0.4523		46.1	50.0	92	56-150
1,1-Dichloroethane	Ave	0.5604	0.4988	0.1000	44.5	50.0	89	72-124
Vinyl acetate	Ave	0.0453	0.0437		48.3	50.0	97	48-150
Isopropyl ether	Ave	0.8461	0.7955		47.0	50.0	94	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.7282		47.4	50.0	95	72-140
2,2-Dichloropropane	Ave	0.3979	0.3506		44.1	50.0	88	64-140
2-Butanone (MEK)	Ave	0.0327	0.0295		45.0	50.0	90	44-150
cis-1,2-Dichloroethene	Ave	0.5178	0.4390		42.4	50.0	85	72-128
Chlorobromomethane	Ave	0.1445	0.1322		45.7	50.0	91	72-132
Tetrahydrofuran	Lin1		0.0448		50.5	50.0	101	64-139
Chloroform	Ave	0.5175	0.4572		44.2	50.0	88	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.3632		45.4	50.0	91	72-132
Carbon tetrachloride	Ave	0.5050	0.4336		42.9	50.0	86	72-136
1,1-Dichloropropene	Ave	0.6087	0.5141		42.2	50.0	84	76-128
Benzene	Ave	1.802	1.538		42.7	50.0	85	76-120
1,2-Dichloroethane	Ave	0.4832	0.4289		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	1.078	0.9768		45.3	50.0	91	68-140
Trichloroethene	Ave	0.4574	0.3933		43.0	50.0	86	80-120
1,2-Dichloropropane	Ave	0.4104	0.3639		44.3	50.0	89	80-120
Dibromomethane	Ave	0.2131	0.1914		44.9	50.0	90	72-132
Dichlorobromomethane	Ave	0.5264	0.4726		44.9	50.0	90	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.1436		47.9	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.5782		46.2	50.0	92	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: ICV 550-288457/15 Calibration Date: 11/11/2022 17:44

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11112216.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.2795		43.9	50.0	88	60-144
Toluene	Ave	1.004	0.8962		44.6	50.0	89	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.4747		47.6	50.0	95	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.2620		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.3543	0.3138		44.3	50.0	89	76-128
1,3-Dichloropropane	Ave	0.4874	0.4532		46.5	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.1781		43.9	50.0	88	52-150
Chlorodibromomethane	Ave	0.3191	0.3035		47.5	50.0	95	80-128
1,2-Dibromoethane	Ave	0.2714	0.2529		46.6	50.0	93	80-128
Chlorobenzene	Ave	0.9948	0.9015	0.3000	45.3	50.0	91	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3119		46.7	50.0	93	76-124
Ethylbenzene	Ave	1.726	1.527		44.2	50.0	88	80-120
m-Xylene & p-Xylene	Ave	1.426	1.354		47.5	50.0	95	80-120
o-Xylene	Ave	1.400	1.321		47.2	50.0	94	72-128
Styrene	Ave	2.139	2.120		49.6	50.0	99	84-124
Bromoform	Ave	0.3661	0.3857	0.1000	52.7	50.0	105	68-132
Isopropylbenzene	Ave	3.465	3.288		47.5	50.0	95	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6662	0.3000	49.2	50.0	98	68-132
Bromobenzene	Ave	0.7753	0.7667		49.4	50.0	99	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1541		46.9	50.0	94	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.1954		48.0	50.0	96	76-128
N-Propylbenzene	Ave	4.041	3.776		46.7	50.0	93	76-132
2-Chlorotoluene	Ave	2.784	2.624		47.1	50.0	94	80-124
1,3,5-Trimethylbenzene	Ave	2.816	2.679		47.6	50.0	95	80-128
4-Chlorotoluene	Ave	2.382	2.272		47.7	50.0	95	80-124
tert-Butylbenzene	Ave	2.495	2.499		50.1	50.0	100	76-132
1,2,4-Trimethylbenzene	Ave	2.820	2.704		47.9	50.0	96	80-128
sec-Butylbenzene	Ave	3.342	3.220		48.2	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.552	1.473		47.4	50.0	95	80-124
4-Isopropyltoluene	Ave	3.052	2.964		48.6	50.0	97	80-128
1,4-Dichlorobenzene	Ave	1.548	1.447		46.7	50.0	93	76-120
n-Butylbenzene	Ave	2.865	2.707		47.2	50.0	94	76-132
1,2-Dichlorobenzene	Ave	1.463	1.376		47.0	50.0	94	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1225		47.5	50.0	95	64-128
1,2,4-Trichlorobenzene	Ave	1.074	0.9815		45.7	50.0	91	76-128
Hexachlorobutadiene	Ave	0.6020	0.5869		48.8	50.0	98	76-132
Naphthalene	Ave	2.361	2.223		47.1	50.0	94	68-136
1,2,3-Trichlorobenzene	Ave	0.997	0.9239		46.3	50.0	93	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2324		38.5	40.0	96	80-120
Toluene-d8 (Surr)	Ave	1.415	1.324		37.4	40.0	94	80-120
4-Bromofluorobenzene (Surr)	Lin2		0.9110		41.3	40.0	103	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-288949/3 Calibration Date: 11/18/2022 10:06

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162294.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1903		55.2	50.0	110	28-150
Dichlorodifluoromethane	Ave	0.2803	0.2976		53.1	50.0	106	60-140
Chloromethane	Ave	0.3120	0.2785	0.1000	44.6	50.0	89	48-144
Vinyl chloride	Ave	0.2488	0.2974		59.8	50.0	120	80-120
Butadiene	Ave	0.2496	0.2859		57.3	50.0	115	50-141
Bromomethane	Qua		0.1715		82.1	50.0	164*	40-144
Chloroethane	Ave	0.1575	0.1739		55.2	50.0	110	60-132
Trichlorofluoromethane	Ave	0.3652	0.4515		61.8	50.0	124	68-136
Ethanol	Lin1		0.1841		1330	1000	133	36-150
1,1-Dichloroethene	Ave	0.2581	0.3047		59.0	50.0	118	80-120
Acetone	Ave	0.1217	0.1464		60.1	50.0	120	12-150
Freon 113	Ave	0.2296	0.2704		58.9	50.0	118	76-124
Iodomethane	Ave	0.4055	0.5263		64.9	50.0	130	40-150
Carbon disulfide	Ave	0.8316	0.9782		58.8	50.0	118	64-136
Methylene Chloride	Lin2		0.3333		59.2	50.0	118	68-128
2-Methyl-2-propanol	Lin2		1.346		245	250	98	70-134
trans-1,2-Dichloroethene	Ave	0.3168	0.3665		57.8	50.0	116	76-120
Methyl tert-butyl ether	Ave	0.6515	0.7839		60.2	50.0	120	64-140
Hexane	Ave	0.4904	0.5214		53.2	50.0	106	56-150
1,1-Dichloroethane	Ave	0.5604	0.6199	0.1000	55.3	50.0	111	72-124
Vinyl acetate	Ave	0.0453	0.0387		42.7	50.0	85	48-150
Isopropyl ether	Ave	0.8461	0.9136		54.0	50.0	108	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.8698		56.6	50.0	113	72-140
2-Butanone (MEK)	Ave	0.0327	0.0403		61.5	50.0	123	44-150
2,2-Dichloropropane	Ave	0.3979	0.4430		55.7	50.0	111	64-140
cis-1,2-Dichloroethene	Ave	0.5178	0.5363		51.8	50.0	104	72-128
Chlorobromomethane	Ave	0.1445	0.1743		60.3	50.0	121	72-132
Tetrahydrofuran	Lin1		0.0490		55.4	50.0	111	64-139
Chloroform	Ave	0.5175	0.5983		57.8	50.0	116	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.4953		62.0	50.0	124	72-132
Carbon tetrachloride	Ave	0.5050	0.5702		56.5	50.0	113	72-136
1,1-Dichloropropene	Ave	0.6087	0.6268		51.5	50.0	103	76-128
Benzene	Ave	1.802	1.822		50.6	50.0	101	76-120
1,2-Dichloroethane	Ave	0.4832	0.5269		54.5	50.0	109	68-136
Tert-amyl methyl ether	Ave	1.078	1.130		52.4	50.0	105	68-140
Trichloroethene	Ave	0.4574	0.5048		55.2	50.0	110	80-120
1,2-Dichloropropane	Ave	0.4104	0.4160		50.7	50.0	101	80-120
Dibromomethane	Ave	0.2131	0.2363		55.4	50.0	111	72-132
Dichlorobromomethane	Ave	0.5264	0.5671		53.9	50.0	108	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.2203		73.5	50.0	147	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.6675		53.3	50.0	107	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-288949/3 Calibration Date: 11/18/2022 10:06

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11162294.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.3454		54.3	50.0	109	60-144
Toluene	Ave	1.004	1.097		54.6	50.0	109	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.5450		54.6	50.0	109	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.3182		57.0	50.0	114	72-132
Tetrachloroethene	Ave	0.3543	0.4185		59.1	50.0	118	76-128
1,3-Dichloropropane	Ave	0.4874	0.5336		54.7	50.0	109	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.2275		56.0	50.0	112	52-150
Chlorodibromomethane	Ave	0.3191	0.3703		58.0	50.0	116	80-128
1,2-Dibromoethane	Ave	0.2714	0.3115		57.4	50.0	115	80-128
Chlorobenzene	Ave	0.9948	1.111	0.3000	55.9	50.0	112	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3937		58.9	50.0	118	76-124
Ethylbenzene	Ave	1.726	1.860		53.9	50.0	108	80-120
m-Xylene & p-Xylene	Ave	1.426	1.595		55.9	50.0	112	80-120
o-Xylene	Ave	1.400	1.565		55.9	50.0	112	72-128
Styrene	Ave	2.139	2.464		57.6	50.0	115	84-124
Bromoform	Ave	0.3661	0.4508	0.1000	61.6	50.0	123	68-132
Isopropylbenzene	Ave	3.465	3.917		56.5	50.0	113	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.6863	0.3000	50.7	50.0	101	68-132
Bromobenzene	Ave	0.7753	0.9286		59.9	50.0	120	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1607		48.9	50.0	98	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.2275		55.9	50.0	112	76-128
N-Propylbenzene	Ave	4.041	4.311		53.3	50.0	107	76-132
2-Chlorotoluene	Ave	2.784	3.007		54.0	50.0	108	80-124
1,3,5-Trimethylbenzene	Ave	2.816	3.173		56.3	50.0	113	80-128
4-Chlorotoluene	Ave	2.382	2.589		54.3	50.0	109	80-124
tert-Butylbenzene	Ave	2.495	2.964		59.4	50.0	119	76-132
1,2,4-Trimethylbenzene	Ave	2.820	3.126		55.4	50.0	111	80-128
sec-Butylbenzene	Ave	3.342	3.752		56.1	50.0	112	80-128
1,3-Dichlorobenzene	Ave	1.552	1.730		55.7	50.0	111	80-124
4-Isopropyltoluene	Ave	3.052	3.447		56.5	50.0	113	80-128
1,4-Dichlorobenzene	Ave	1.548	1.689		54.6	50.0	109	76-120
n-Butylbenzene	Ave	2.865	2.973		51.9	50.0	104	76-132
1,2-Dichlorobenzene	Ave	1.463	1.631		55.8	50.0	112	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1364		52.9	50.0	106	64-128
1,2,4-Trichlorobenzene	Ave	1.074	1.145		53.3	50.0	107	76-128
Hexachlorobutadiene	Ave	0.6020	0.6916		57.4	50.0	115	76-132
Naphthalene	Ave	2.361	2.539		53.8	50.0	108	68-136
1,2,3-Trichlorobenzene	Ave	0.997	1.084		54.4	50.0	109	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2921		48.4	40.0	121*	80-120
Toluene-d8 (Surr)	Ave	1.415	1.550		43.8	40.0	109	80-120
4-Bromofluorobenzene (Surr)	Lin2		1.040		47.2	40.0	118	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-289083/2 Calibration Date: 11/19/2022 12:14

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11192202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.1724	0.1297		37.6	50.0	75	28-150
Dichlorodifluoromethane	Ave	0.2803	0.2075		37.0	50.0	74	60-140
Chloromethane	Ave	0.3120	0.2292	0.1000	36.7	50.0	73	48-144
Vinyl chloride	Ave	0.2488	0.2454		49.3	50.0	99	80-120
Butadiene	Ave	0.2496	0.2287		45.8	50.0	92	50-141
Bromomethane	Qua		0.1277		49.0	50.0	98	40-144
Chloroethane	Ave	0.1575	0.1372		43.5	50.0	87	60-132
Trichlorofluoromethane	Ave	0.3652	0.3380		46.3	50.0	93	68-136
Ethanol	Lin1		0.1206		873	1000	87	36-150
1,1-Dichloroethene	Ave	0.2581	0.2334		45.2	50.0	90	80-120
Freon 113	Ave	0.2296	0.1944		42.3	50.0	85	76-124
Acetone	Ave	0.1217	0.1348		55.4	50.0	111	12-150
Iodomethane	Ave	0.4055	0.4036		49.8	50.0	100	40-150
Carbon disulfide	Ave	0.8316	0.7670		46.1	50.0	92	64-136
Methylene Chloride	Lin2		0.2607		46.2	50.0	92	68-128
2-Methyl-2-propanol	Lin2		1.159		211	250	84	70-134
trans-1,2-Dichloroethene	Ave	0.3168	0.2852		45.0	50.0	90	76-120
Methyl tert-butyl ether	Ave	0.6515	0.6143		47.1	50.0	94	64-140
Hexane	Ave	0.4904	0.3897		39.7	50.0	79	56-150
1,1-Dichloroethane	Ave	0.5604	0.4691	0.1000	41.9	50.0	84	72-124
Vinyl acetate	Ave	0.0453	0.0437		48.2	50.0	96	48-150
Isopropyl ether	Ave	0.8461	0.7069		41.8	50.0	84	72-132
Tert-butyl ethyl ether	Ave	0.7677	0.6787		44.2	50.0	88	72-140
2,2-Dichloropropane	Ave	0.3979	0.3719		46.7	50.0	93	64-140
2-Butanone (MEK)	Ave	0.0327	0.0328		50.1	50.0	100	44-150
cis-1,2-Dichloroethene	Ave	0.5178	0.4364		42.1	50.0	84	72-128
Chlorobromomethane	Ave	0.1445	0.1308		45.3	50.0	91	72-132
Tetrahydrofuran	Lin1		0.0408		45.9	50.0	92	64-139
Chloroform	Ave	0.5175	0.4456		43.1	50.0	86	80-120
1,1,1-Trichloroethane	Ave	0.3997	0.3655		45.7	50.0	91	72-132
Carbon tetrachloride	Ave	0.5050	0.4492		44.5	50.0	89	72-136
1,1-Dichloropropene	Ave	0.6087	0.4907		40.3	50.0	81	76-128
Benzene	Ave	1.802	1.461		40.5	50.0	81	76-120
1,2-Dichloroethane	Ave	0.4832	0.4032		41.7	50.0	83	68-136
Tert-amyl methyl ether	Ave	1.078	0.9327		43.3	50.0	87	68-140
Trichloroethene	Ave	0.4574	0.3774		41.3	50.0	83	80-120
1,2-Dichloropropane	Ave	0.4104	0.3265		39.8	50.0	80	80-120
Dibromomethane	Ave	0.2131	0.1846		43.3	50.0	87	72-132
Dichlorobromomethane	Ave	0.5264	0.4425		42.0	50.0	84	76-128
2-Chloroethyl vinyl ether	Ave	0.1499	0.1641		54.7	50.0	109	10-150
cis-1,3-Dichloropropene	Ave	0.6261	0.5301		42.3	50.0	85	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Lab Sample ID: CCVIS 550-289083/2 Calibration Date: 11/19/2022 12:14

Instrument ID: GCMS25 Calib Start Date: 11/11/2022 12:22

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/11/2022 16:25

Lab File ID: 11192202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.3180	0.2753		43.3	50.0	87	60-144
Toluene	Ave	1.004	0.8446		42.1	50.0	84	80-120
trans-1,3-Dichloropropene	Ave	0.4991	0.4261		42.7	50.0	85	68-140
1,1,2-Trichloroethane	Ave	0.2792	0.2432		43.5	50.0	87	72-132
Tetrachloroethene	Ave	0.3543	0.3145		44.4	50.0	89	76-128
1,3-Dichloropropane	Ave	0.4874	0.3972		40.7	50.0	81	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.2030	0.1782		43.9	50.0	88	52-150
Chlorodibromomethane	Ave	0.3191	0.2808		44.0	50.0	88	80-128
1,2-Dibromoethane	Ave	0.2714	0.2309		42.5	50.0	85	80-128
Chlorobenzene	Ave	0.9948	0.8441	0.3000	42.4	50.0	85	80-120
1,1,1,2-Tetrachloroethane	Ave	0.3341	0.3064		45.9	50.0	92	76-124
Ethylbenzene	Ave	1.726	1.440		41.7	50.0	83	80-120
m-Xylene & p-Xylene	Ave	1.426	1.253		43.9	50.0	88	80-120
o-Xylene	Ave	1.400	1.236		44.1	50.0	88	72-128
Styrene	Ave	2.139	1.894		44.3	50.0	89	84-124
Bromoform	Ave	0.3661	0.3483	0.1000	47.6	50.0	95	68-132
Isopropylbenzene	Ave	3.465	3.132		45.2	50.0	90	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6769	0.5762	0.3000	42.6	50.0	85	68-132
Bromobenzene	Ave	0.7753	0.6978		45.0	50.0	90	76-128
trans-1,4-Dichloro-2-butene	Lin2		0.1342		40.9	50.0	82	48-138
1,2,3-Trichloropropane	Ave	0.2036	0.1780		43.7	50.0	87	76-128
N-Propylbenzene	Ave	4.041	3.476		43.0	50.0	86	76-132
2-Chlorotoluene	Ave	2.784	2.406		43.2	50.0	86	80-124
1,3,5-Trimethylbenzene	Ave	2.816	2.555		45.4	50.0	91	80-128
4-Chlorotoluene	Ave	2.382	2.007		42.1	50.0	84	80-124
tert-Butylbenzene	Ave	2.495	2.336		46.8	50.0	94	76-132
1,2,4-Trimethylbenzene	Ave	2.820	2.551		45.2	50.0	90	80-128
sec-Butylbenzene	Ave	3.342	3.034		45.4	50.0	91	80-128
1,3-Dichlorobenzene	Ave	1.552	1.330		42.9	50.0	86	80-124
4-Isopropyltoluene	Ave	3.052	2.839		46.5	50.0	93	80-128
1,4-Dichlorobenzene	Ave	1.548	1.307		42.2	50.0	84	76-120
n-Butylbenzene	Ave	2.865	2.526		44.1	50.0	88	76-132
1,2-Dichlorobenzene	Ave	1.463	1.266		43.3	50.0	87	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1289	0.1081		41.9	50.0	84	64-128
1,2,4-Trichlorobenzene	Ave	1.074	0.9418		43.8	50.0	88	76-128
Hexachlorobutadiene	Ave	0.6020	0.5740		47.7	50.0	95	76-132
Naphthalene	Ave	2.361	1.975		41.8	50.0	84	68-136
1,2,3-Trichlorobenzene	Ave	0.997	0.8660		43.4	50.0	87	72-128
Dibromofluoromethane (Surr)	Ave	0.2413	0.2347		38.9	40.0	97	80-120
Toluene-d8 (Surr)	Ave	1.415	1.314		37.2	40.0	93	80-120
4-Bromofluorobenzene (Surr)	Lin2		0.8704		39.5	40.0	99	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.52	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288554/6

Matrix: Water Lab File ID: 11142206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288949/7

Matrix: Water | Lab File ID: 11162298.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288949/7

Matrix: Water | Lab File ID: 11162298.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288949/7

Matrix: Water Lab File ID: 11162298.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 11:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289083/6

Matrix: Water | Lab File ID: 11192206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289083/6

Matrix: Water | Lab File ID: 11192206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-289083/6

Matrix: Water Lab File ID: 11192206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 14:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.4		2.0	0.49
107-06-2	1,2-Dichloroethane	44.2		2.0	0.53
78-87-5	1,2-Dichloropropane	46.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	45.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.0		10	1.2
67-64-1	Acetone	43.6		20	9.8
71-43-2	Benzene	46.2		2.0	0.52
108-86-1	Bromobenzene	42.4		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	56.7		10	5.2
75-15-0	Carbon disulfide	58.4		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	60.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.4		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	46.0		2.0	0.50
76-13-1	Freon 113	52.4		5.0	0.53
87-68-3	Hexachlorobutadiene	45.8		5.0	1.4
74-88-4	Iodomethane	55.9		2.0	0.53
98-82-8	Isopropylbenzene	46.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.5		5.0	2.2
104-51-8	n-Butylbenzene	48.3		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	47.0		2.0	0.51
135-98-8	sec-Butylbenzene	46.4		5.0	0.48
100-42-5	Styrene	44.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	45.9		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.1		2.0	0.65
79-01-6	Trichloroethene	46.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.3		5.0	0.63
108-05-4	Vinyl acetate	57.6		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288949/4

Matrix: Water | Lab File ID: 11162295.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	62.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	64.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	54.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	58.0		2.0	0.54
75-34-3	1,1-Dichloroethane	56.7		2.0	0.49
75-35-4	1,1-Dichloroethene	60.8		5.0	0.54
563-58-6	1,1-Dichloropropene	56.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	58.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	59.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	54.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	58.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	59.4		5.0	3.8
106-93-4	1,2-Dibromoethane	57.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	58.7		2.0	0.49
107-06-2	1,2-Dichloroethane	57.4		2.0	0.53
78-87-5	1,2-Dichloropropane	54.1		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	60.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	57.1		2.0	0.48
142-28-9	1,3-Dichloropropane	55.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	56.1		2.0	0.51
594-20-7	2,2-Dichloropropane	57.4		2.0	0.57
78-93-3	2-Butanone (MEK)	62.1		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	56.6		10	3.3
106-43-4	4-Chlorotoluene	54.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	57.5		10	1.2
67-64-1	Acetone	63.6		20	9.8
71-43-2	Benzene	54.5		2.0	0.52
108-86-1	Bromobenzene	62.6		5.0	0.49
74-97-5	Chlorobromomethane	61.8		5.0	0.48
75-27-4	Dichlorobromomethane	57.7		2.0	0.50
75-25-2	Bromoform	66.6		5.0	0.64
74-83-9	Bromomethane	77.4		10	5.2
75-15-0	Carbon disulfide	60.4		5.0	1.8
56-23-5	Carbon tetrachloride	63.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288949/4

Matrix: Water | Lab File ID: 11162295.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	57.1		2.0	0.48
75-00-3	Chloroethane	56.5		5.0	0.62
67-66-3	Chloroform	59.3		2.0	0.48
74-87-3	Chloromethane	44.8		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	57.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	54.8		2.0	0.46
124-48-1	Chlorodibromomethane	60.9		2.0	0.47
74-95-3	Dibromomethane	59.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.0		5.0	0.84
100-41-4	Ethylbenzene	55.6		2.0	0.50
76-13-1	Freon 113	58.5		5.0	0.53
87-68-3	Hexachlorobutadiene	60.8		5.0	1.4
74-88-4	Iodomethane	65.5		2.0	0.53
98-82-8	Isopropylbenzene	61.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	60.1		5.0	0.97
1634-04-4	Methyl tert-butyl ether	62.0		1.0	0.52
75-09-2	Methylene Chloride	59.9		5.0	4.4
91-20-3	Naphthalene	59.5		5.0	2.2
104-51-8	n-Butylbenzene	53.5		5.0	0.55
103-65-1	N-Propylbenzene	56.2		2.0	0.49
95-47-6	o-Xylene	60.5		5.0	0.47
99-87-6	4-Isopropyltoluene	59.6		2.0	0.51
135-98-8	sec-Butylbenzene	60.1		5.0	0.48
100-42-5	Styrene	60.1		2.0	0.49
98-06-6	tert-Butylbenzene	63.9		5.0	0.45
127-18-4	Tetrachloroethene	61.6		2.0	0.48
108-88-3	Toluene	57.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	60.7		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	56.0		2.0	0.65
79-01-6	Trichloroethene	60.4		2.0	0.54
75-69-4	Trichlorofluoromethane	61.8		5.0	0.63
108-05-4	Vinyl acetate	37.5		25	4.1
75-01-4	Vinyl chloride	58.7		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288949/4

Matrix: Water Lab File ID: 11162295.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene (Surr)	120		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289083/3

Matrix: Water | Lab File ID: 11192203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	52.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	53.2		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	49.1		2.0	0.50
79-00-5	1,1,2-Trichloroethane	49.0		2.0	0.54
75-34-3	1,1-Dichloroethane	47.8		2.0	0.49
75-35-4	1,1-Dichloroethene	56.0		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	52.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	48.9		10	3.5
120-82-1	1,2,4-Trichlorobenzene	51.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	53.1		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	47.7		5.0	3.8
106-93-4	1,2-Dibromoethane	47.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	51.1		2.0	0.49
107-06-2	1,2-Dichloroethane	46.5		2.0	0.53
78-87-5	1,2-Dichloropropane	45.3		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	54.4		2.0	0.48
541-73-1	1,3-Dichlorobenzene	51.0		2.0	0.48
142-28-9	1,3-Dichloropropane	46.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	50.0		2.0	0.51
594-20-7	2,2-Dichloropropane	53.7		2.0	0.57
78-93-3	2-Butanone (MEK)	46.1		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	44.3		10	3.3
106-43-4	4-Chlorotoluene	49.9		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	44.2		10	1.2
67-64-1	Acetone	51.5		20	9.8
71-43-2	Benzene	46.5		2.0	0.52
108-86-1	Bromobenzene	53.6		5.0	0.49
74-97-5	Chlorobromomethane	51.1		5.0	0.48
75-27-4	Dichlorobromomethane	47.5		2.0	0.50
75-25-2	Bromoform	54.7		5.0	0.64
74-83-9	Bromomethane	60.4		10	5.2
75-15-0	Carbon disulfide	50.6		5.0	1.8
56-23-5	Carbon tetrachloride	51.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289083/3

Matrix: Water Lab File ID: 11192203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	49.6		2.0	0.48
75-00-3	Chloroethane	51.0		5.0	0.62
67-66-3	Chloroform	48.5		2.0	0.48
74-87-3	Chloromethane	42.0		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.9		2.0	0.46
124-48-1	Chlorodibromomethane	50.6		2.0	0.47
74-95-3	Dibromomethane	47.3		2.0	0.55
75-71-8	Dichlorodifluoromethane	34.8		5.0	0.84
100-41-4	Ethylbenzene	49.2		2.0	0.50
76-13-1	Freon 113	53.8		5.0	0.53
87-68-3	Hexachlorobutadiene	57.6		5.0	1.4
74-88-4	Iodomethane	52.8		2.0	0.53
98-82-8	Isopropylbenzene	53.0		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	51.7		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.2		1.0	0.52
75-09-2	Methylene Chloride	52.8		5.0	4.4
91-20-3	Naphthalene	50.5		5.0	2.2
104-51-8	n-Butylbenzene	52.0		5.0	0.55
103-65-1	N-Propylbenzene	51.1		2.0	0.49
95-47-6	o-Xylene	51.8		5.0	0.47
99-87-6	4-Isopropyltoluene	55.0		2.0	0.51
135-98-8	sec-Butylbenzene	53.9		5.0	0.48
100-42-5	Styrene	52.4		2.0	0.49
98-06-6	tert-Butylbenzene	56.1		5.0	0.45
127-18-4	Tetrachloroethene	51.9		2.0	0.48
108-88-3	Toluene	48.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	52.6		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.6		2.0	0.65
79-01-6	Trichloroethene	48.0		2.0	0.54
75-69-4	Trichlorofluoromethane	52.6		5.0	0.63
108-05-4	Vinyl acetate	50.4		25	4.1
75-01-4	Vinyl chloride	53.1		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289083/3

Matrix: Water Lab File ID: 11192203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.9		2.0	0.54
75-34-3	1,1-Dichloroethane	51.3		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	40.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.9		2.0	0.49
107-06-2	1,2-Dichloroethane	44.8		2.0	0.53
78-87-5	1,2-Dichloropropane	46.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	53.9		2.0	0.57
78-93-3	2-Butanone (MEK)	59.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.1		10	3.3
106-43-4	4-Chlorotoluene	45.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.9		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.0		5.0	0.49
74-97-5	Chlorobromomethane	48.7		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	56.3		10	5.2
75-15-0	Carbon disulfide	58.6		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.7		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	49.0		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	43.8		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.6		5.0	2.2
104-51-8	n-Butylbenzene	48.5		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	44.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.4		2.0	0.51
135-98-8	sec-Butylbenzene	46.1		5.0	0.48
100-42-5	Styrene	44.2		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	46.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.0		2.0	0.65
79-01-6	Trichloroethene	45.9		2.0	0.54
75-69-4	Trichlorofluoromethane	51.0		5.0	0.63
108-05-4	Vinyl acetate	57.8		25	4.1
75-01-4	Vinyl chloride	57.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288554/4

Matrix: Water Lab File ID: 11142204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288949/5

Matrix: Water | Lab File ID: 11162296.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	60.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	63.4		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	51.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	55.2		2.0	0.54
75-34-3	1,1-Dichloroethane	55.1		2.0	0.49
75-35-4	1,1-Dichloroethene	60.5		5.0	0.54
563-58-6	1,1-Dichloropropene	55.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	55.8		5.0	3.3
96-18-4	1,2,3-Trichloropropane	56.7		10	3.5
120-82-1	1,2,4-Trichlorobenzene	53.7		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	57.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	55.9		5.0	3.8
106-93-4	1,2-Dibromoethane	55.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	56.3		2.0	0.49
107-06-2	1,2-Dichloroethane	56.0		2.0	0.53
78-87-5	1,2-Dichloropropane	51.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	60.5		2.0	0.48
541-73-1	1,3-Dichlorobenzene	56.0		2.0	0.48
142-28-9	1,3-Dichloropropane	52.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	54.1		2.0	0.51
594-20-7	2,2-Dichloropropane	56.3		2.0	0.57
78-93-3	2-Butanone (MEK)	60.2		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.3		10	3.3
106-43-4	4-Chlorotoluene	53.9		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	54.1		10	1.2
67-64-1	Acetone	62.0		20	9.8
71-43-2	Benzene	53.6		2.0	0.52
108-86-1	Bromobenzene	60.6		5.0	0.49
74-97-5	Chlorobromomethane	59.7		5.0	0.48
75-27-4	Dichlorobromomethane	55.9		2.0	0.50
75-25-2	Bromoform	62.4		5.0	0.64
74-83-9	Bromomethane	75.9		10	5.2
75-15-0	Carbon disulfide	60.1		5.0	1.8
56-23-5	Carbon tetrachloride	62.6		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288949/5

Matrix: Water | Lab File ID: 11162296.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	55.4		2.0	0.48
75-00-3	Chloroethane	55.0		5.0	0.62
67-66-3	Chloroform	57.6		2.0	0.48
74-87-3	Chloromethane	43.0		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	55.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	52.5		2.0	0.46
124-48-1	Chlorodibromomethane	57.7		2.0	0.47
74-95-3	Dibromomethane	56.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.0		5.0	0.84
100-41-4	Ethylbenzene	54.2		2.0	0.50
76-13-1	Freon 113	57.4		5.0	0.53
87-68-3	Hexachlorobutadiene	57.6		5.0	1.4
74-88-4	Iodomethane	65.4		2.0	0.53
98-82-8	Isopropylbenzene	60.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	58.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	58.8		1.0	0.52
75-09-2	Methylene Chloride	58.8		5.0	4.4
91-20-3	Naphthalene	56.4		5.0	2.2
104-51-8	n-Butylbenzene	54.0		5.0	0.55
103-65-1	N-Propylbenzene	55.7		2.0	0.49
95-47-6	o-Xylene	58.8		5.0	0.47
99-87-6	4-Isopropyltoluene	59.6		2.0	0.51
135-98-8	sec-Butylbenzene	59.3		5.0	0.48
100-42-5	Styrene	58.1		2.0	0.49
98-06-6	tert-Butylbenzene	62.9		5.0	0.45
127-18-4	Tetrachloroethene	61.3		2.0	0.48
108-88-3	Toluene	56.1		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	60.0		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	52.3		2.0	0.65
79-01-6	Trichloroethene	58.9		2.0	0.54
75-69-4	Trichlorofluoromethane	61.4		5.0	0.63
108-05-4	Vinyl acetate	38.5		25	4.1
75-01-4	Vinyl chloride	57.1		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288949/5

Matrix: Water Lab File ID: 11162296.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 10:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	121		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene (Surr)	117		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289083/4

Matrix: Water | Lab File ID: 11192204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 13:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	53.1		5.0	0.45
71-55-6	1,1,1-Trichloroethane	54.1		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	47.5		2.0	0.50
79-00-5	1,1,2-Trichloroethane	48.4		2.0	0.54
75-34-3	1,1-Dichloroethane	48.9		2.0	0.49
75-35-4	1,1-Dichloroethene	57.1		5.0	0.54
563-58-6	1,1-Dichloropropene	47.8		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	52.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	48.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	52.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	53.5		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.7		5.0	3.8
106-93-4	1,2-Dibromoethane	47.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	51.5		2.0	0.49
107-06-2	1,2-Dichloroethane	45.8		2.0	0.53
78-87-5	1,2-Dichloropropane	45.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	53.9		2.0	0.48
541-73-1	1,3-Dichlorobenzene	51.9		2.0	0.48
142-28-9	1,3-Dichloropropane	46.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	50.8		2.0	0.51
594-20-7	2,2-Dichloropropane	54.0		2.0	0.57
78-93-3	2-Butanone (MEK)	45.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	42.2		10	3.3
106-43-4	4-Chlorotoluene	51.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	42.4		10	1.2
67-64-1	Acetone	46.6		20	9.8
71-43-2	Benzene	46.6		2.0	0.52
108-86-1	Bromobenzene	53.6		5.0	0.49
74-97-5	Chlorobromomethane	50.9		5.0	0.48
75-27-4	Dichlorobromomethane	47.9		2.0	0.50
75-25-2	Bromoform	54.4		5.0	0.64
74-83-9	Bromomethane	61.4		10	5.2
75-15-0	Carbon disulfide	51.2		5.0	1.8
56-23-5	Carbon tetrachloride	52.6		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289083/4

Matrix: Water | Lab File ID: 11192204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 13:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	50.5		2.0	0.48
75-00-3	Chloroethane	51.3		5.0	0.62
67-66-3	Chloroform	49.5		2.0	0.48
74-87-3	Chloromethane	41.3		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	47.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	48.1		2.0	0.46
124-48-1	Chlorodibromomethane	50.6		2.0	0.47
74-95-3	Dibromomethane	46.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	34.3		5.0	0.84
100-41-4	Ethylbenzene	49.8		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	57.8		5.0	1.4
74-88-4	Iodomethane	52.7		2.0	0.53
98-82-8	Isopropylbenzene	53.4		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	52.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.4		1.0	0.52
75-09-2	Methylene Chloride	52.8		5.0	4.4
91-20-3	Naphthalene	49.7		5.0	2.2
104-51-8	n-Butylbenzene	52.8		5.0	0.55
103-65-1	N-Propylbenzene	51.7		2.0	0.49
95-47-6	o-Xylene	51.8		5.0	0.47
99-87-6	4-Isopropyltoluene	55.1		2.0	0.51
135-98-8	sec-Butylbenzene	53.7		5.0	0.48
100-42-5	Styrene	52.7		2.0	0.49
98-06-6	tert-Butylbenzene	56.1		5.0	0.45
127-18-4	Tetrachloroethene	52.9		2.0	0.48
108-88-3	Toluene	49.8		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	53.7		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.9		2.0	0.65
79-01-6	Trichloroethene	48.5		2.0	0.54
75-69-4	Trichlorofluoromethane	52.8		5.0	0.63
108-05-4	Vinyl acetate	49.6		25	4.1
75-01-4	Vinyl chloride	52.3		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-289083/4

Matrix: Water Lab File ID: 11192204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 13:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MS | Lab Sample ID: 550-193489-2 MS

Matrix: Water | Lab File ID: 11162317.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 20:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	58.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	61.5		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	55.2		2.0	0.50
79-00-5	1,1,2-Trichloroethane	55.5		2.0	0.54
75-34-3	1,1-Dichloroethane	54.4		2.0	0.49
75-35-4	1,1-Dichloroethene	58.1		5.0	0.54
563-58-6	1,1-Dichloropropene	51.5		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	51.3		5.0	3.3
96-18-4	1,2,3-Trichloropropane	56.9		10	3.5
120-82-1	1,2,4-Trichlorobenzene	50.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	56.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	52.7		5.0	3.8
106-93-4	1,2-Dibromoethane	55.5		2.0	0.47
95-50-1	1,2-Dichlorobenzene	55.9		2.0	0.49
107-06-2	1,2-Dichloroethane	53.4		2.0	0.53
78-87-5	1,2-Dichloropropane	51.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	58.8		2.0	0.48
541-73-1	1,3-Dichlorobenzene	55.8		2.0	0.48
142-28-9	1,3-Dichloropropane	53.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	54.8		2.0	0.51
594-20-7	2,2-Dichloropropane	51.2		2.0	0.57
78-93-3	2-Butanone (MEK)	57.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	53.1		10	3.3
106-43-4	4-Chlorotoluene	54.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	53.2		10	1.2
67-64-1	Acetone	50.4		20	9.8
71-43-2	Benzene	51.1		2.0	0.52
108-86-1	Bromobenzene	60.6		5.0	0.49
74-97-5	Chlorobromomethane	59.0		5.0	0.48
75-27-4	Dichlorobromomethane	54.5		2.0	0.50
75-25-2	Bromoform	63.6		5.0	0.64
74-83-9	Bromomethane	70.2		10	5.2
75-15-0	Carbon disulfide	59.1		5.0	1.8
56-23-5	Carbon tetrachloride	57.5		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MS | Lab Sample ID: 550-193489-2 MS

Matrix: Water | Lab File ID: 11162317.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 20:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	55.6		2.0	0.48
75-00-3	Chloroethane	54.3		5.0	0.62
67-66-3	Chloroform	56.7		2.0	0.48
74-87-3	Chloromethane	44.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	64.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	51.4		2.0	0.46
124-48-1	Chlorodibromomethane	58.2		2.0	0.47
74-95-3	Dibromomethane	55.0		2.0	0.55
75-71-8	Dichlorodifluoromethane	49.7		5.0	0.84
100-41-4	Ethylbenzene	54.0		2.0	0.50
76-13-1	Freon 113	57.1		5.0	0.53
87-68-3	Hexachlorobutadiene	55.8		5.0	1.4
74-88-4	Iodomethane	63.7		2.0	0.53
98-82-8	Isopropylbenzene	58.2		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	57.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	57.7		1.0	0.52
75-09-2	Methylene Chloride	58.0		5.0	4.4
91-20-3	Naphthalene	51.8		5.0	2.2
104-51-8	n-Butylbenzene	52.2		5.0	0.55
103-65-1	N-Propylbenzene	54.9		2.0	0.49
95-47-6	o-Xylene	57.5		5.0	0.47
99-87-6	4-Isopropyltoluene	57.1		2.0	0.51
135-98-8	sec-Butylbenzene	57.3		5.0	0.48
100-42-5	Styrene	57.8		2.0	0.49
98-06-6	tert-Butylbenzene	61.0		5.0	0.45
127-18-4	Tetrachloroethene	59.8		2.0	0.48
108-88-3	Toluene	54.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	59.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	52.0		2.0	0.65
79-01-6	Trichloroethene	59.8		2.0	0.54
75-69-4	Trichlorofluoromethane	60.2		5.0	0.63
108-05-4	Vinyl acetate	50.2		25	4.1
75-01-4	Vinyl chloride	60.5		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MS | Lab Sample ID: 550-193489-2 MS

Matrix: Water | Lab File ID: 11162317.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 20:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	114		70-130
460-00-4	4-Bromofluorobenzene (Surr)	124		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MS | Lab Sample ID: 550-193489-8 MS

Matrix: Water | Lab File ID: 11192217.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 19:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	47.9		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.4		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.2		2.0	0.50
79-00-5	1,1,2-Trichloroethane	46.4		2.0	0.54
75-34-3	1,1-Dichloroethane	45.4		2.0	0.49
75-35-4	1,1-Dichloroethene	47.2		5.0	0.54
563-58-6	1,1-Dichloropropene	43.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	43.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.8		10	3.5
120-82-1	1,2,4-Trichlorobenzene	43.8		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.2		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	41.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	45.3		2.0	0.49
107-06-2	1,2-Dichloroethane	43.0		2.0	0.53
78-87-5	1,2-Dichloropropane	43.4		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	47.2		2.0	0.48
541-73-1	1,3-Dichlorobenzene	46.4		2.0	0.48
142-28-9	1,3-Dichloropropane	44.6		2.0	0.50
106-46-7	1,4-Dichlorobenzene	45.3		2.0	0.51
594-20-7	2,2-Dichloropropane	47.9		2.0	0.57
78-93-3	2-Butanone (MEK)	45.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	43.1		10	3.3
106-43-4	4-Chlorotoluene	46.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	43.3		10	1.2
67-64-1	Acetone	53.0		20	9.8
71-43-2	Benzene	43.0		2.0	0.52
108-86-1	Bromobenzene	48.5		5.0	0.49
74-97-5	Chlorobromomethane	47.3		5.0	0.48
75-27-4	Dichlorobromomethane	44.4		2.0	0.50
75-25-2	Bromoform	49.1		5.0	0.64
74-83-9	Bromomethane	51.9		10	5.2
75-15-0	Carbon disulfide	48.0		5.0	1.8
56-23-5	Carbon tetrachloride	46.4		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MS | Lab Sample ID: 550-193489-8 MS

Matrix: Water | Lab File ID: 11192217.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 19:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.8		2.0	0.48
75-00-3	Chloroethane	46.6		5.0	0.62
67-66-3	Chloroform	46.2		2.0	0.48
74-87-3	Chloromethane	40.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	42.9		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	45.3		2.0	0.46
124-48-1	Chlorodibromomethane	47.1		2.0	0.47
74-95-3	Dibromomethane	44.4		2.0	0.55
75-71-8	Dichlorodifluoromethane	39.4		5.0	0.84
100-41-4	Ethylbenzene	46.2		2.0	0.50
76-13-1	Freon 113	46.9		5.0	0.53
87-68-3	Hexachlorobutadiene	49.7		5.0	1.4
74-88-4	Iodomethane	50.5		2.0	0.53
98-82-8	Isopropylbenzene	47.6		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	48.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	47.6		1.0	0.52
75-09-2	Methylene Chloride	47.7		5.0	4.4
91-20-3	Naphthalene	41.4		5.0	2.2
104-51-8	n-Butylbenzene	45.9		5.0	0.55
103-65-1	N-Propylbenzene	46.4		2.0	0.49
95-47-6	o-Xylene	47.1		5.0	0.47
99-87-6	4-Isopropyltoluene	48.5		2.0	0.51
135-98-8	sec-Butylbenzene	47.8		5.0	0.48
100-42-5	Styrene	48.6		2.0	0.49
98-06-6	tert-Butylbenzene	50.2		5.0	0.45
127-18-4	Tetrachloroethene	48.3		2.0	0.48
108-88-3	Toluene	46.7		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	47.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	46.1		2.0	0.65
79-01-6	Trichloroethene	44.2		2.0	0.54
75-69-4	Trichlorofluoromethane	48.5		5.0	0.63
108-05-4	Vinyl acetate	51.7		25	4.1
75-01-4	Vinyl chloride	53.5		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MS Lab Sample ID: 550-193489-8 MS

Matrix: Water Lab File ID: 11192217.D

Analysis Method: 8260B Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 19:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MSD | Lab Sample ID: 550-193489-2 MSD

Matrix: Water | Lab File ID: 11162318.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 20:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	57.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	61.8		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	56.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	54.7		2.0	0.54
75-34-3	1,1-Dichloroethane	53.8		2.0	0.49
75-35-4	1,1-Dichloroethene	59.7		5.0	0.54
563-58-6	1,1-Dichloropropene	54.4		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	56.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	57.2		10	3.5
120-82-1	1,2,4-Trichlorobenzene	52.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	56.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	59.0		5.0	3.8
106-93-4	1,2-Dibromoethane	55.2		2.0	0.47
95-50-1	1,2-Dichlorobenzene	55.3		2.0	0.49
107-06-2	1,2-Dichloroethane	52.6		2.0	0.53
78-87-5	1,2-Dichloropropane	50.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	58.6		2.0	0.48
541-73-1	1,3-Dichlorobenzene	55.3		2.0	0.48
142-28-9	1,3-Dichloropropane	52.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	53.8		2.0	0.51
594-20-7	2,2-Dichloropropane	52.8		2.0	0.57
78-93-3	2-Butanone (MEK)	57.9		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	54.5		10	3.3
106-43-4	4-Chlorotoluene	53.6		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.4		10	1.2
67-64-1	Acetone	56.8		20	9.8
71-43-2	Benzene	51.9		2.0	0.52
108-86-1	Bromobenzene	59.2		5.0	0.49
74-97-5	Chlorobromomethane	57.1		5.0	0.48
75-27-4	Dichlorobromomethane	53.7		2.0	0.50
75-25-2	Bromoform	64.4		5.0	0.64
74-83-9	Bromomethane	74.9		10	5.2
75-15-0	Carbon disulfide	59.5		5.0	1.8
56-23-5	Carbon tetrachloride	61.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MSD | Lab Sample ID: 550-193489-2 MSD

Matrix: Water | Lab File ID: 11162318.D

Analysis Method: 8260B | Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 20:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288949 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	54.5		2.0	0.48
75-00-3	Chloroethane	55.0		5.0	0.62
67-66-3	Chloroform	55.1		2.0	0.48
74-87-3	Chloromethane	46.3		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	67.2		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	50.3		2.0	0.46
124-48-1	Chlorodibromomethane	57.2		2.0	0.47
74-95-3	Dibromomethane	54.3		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	54.0		2.0	0.50
76-13-1	Freon 113	59.9		5.0	0.53
87-68-3	Hexachlorobutadiene	59.9		5.0	1.4
74-88-4	Iodomethane	62.4		2.0	0.53
98-82-8	Isopropylbenzene	59.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	57.6		5.0	0.97
1634-04-4	Methyl tert-butyl ether	56.4		1.0	0.52
75-09-2	Methylene Chloride	55.8		5.0	4.4
91-20-3	Naphthalene	58.5		5.0	2.2
104-51-8	n-Butylbenzene	53.7		5.0	0.55
103-65-1	N-Propylbenzene	56.1		2.0	0.49
95-47-6	o-Xylene	57.3		5.0	0.47
99-87-6	4-Isopropyltoluene	58.7		2.0	0.51
135-98-8	sec-Butylbenzene	59.5		5.0	0.48
100-42-5	Styrene	57.2		2.0	0.49
98-06-6	tert-Butylbenzene	62.9		5.0	0.45
127-18-4	Tetrachloroethene	61.6		2.0	0.48
108-88-3	Toluene	54.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	58.8		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	50.6		2.0	0.65
79-01-6	Trichloroethene	61.5		2.0	0.54
75-69-4	Trichlorofluoromethane	62.5		5.0	0.63
108-05-4	Vinyl acetate	49.8		25	4.1
75-01-4	Vinyl chloride	63.9		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: M-09_11-2022 MSD Lab Sample ID: 550-193489-2 MSD

Matrix: Water Lab File ID: 11162318.D

Analysis Method: 8260B Date Collected: 11/07/2022 16:55

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 20:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288949 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene (Surr)	120		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MSD | Lab Sample ID: 550-193489-8 MSD

Matrix: Water | Lab File ID: 11192218.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	48.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.2		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.0		2.0	0.54
75-34-3	1,1-Dichloroethane	45.2		2.0	0.49
75-35-4	1,1-Dichloroethene	48.4		5.0	0.54
563-58-6	1,1-Dichloropropene	43.2		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	46.6		5.0	3.3
96-18-4	1,2,3-Trichloropropane	43.8		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.3		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	48.9		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	40.9		5.0	3.8
106-93-4	1,2-Dibromoethane	43.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	46.4		2.0	0.49
107-06-2	1,2-Dichloroethane	42.2		2.0	0.53
78-87-5	1,2-Dichloropropane	43.3		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	49.0		2.0	0.48
541-73-1	1,3-Dichlorobenzene	47.3		2.0	0.48
142-28-9	1,3-Dichloropropane	44.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	45.9		2.0	0.51
594-20-7	2,2-Dichloropropane	49.0		2.0	0.57
78-93-3	2-Butanone (MEK)	41.5		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	39.6		10	3.3
106-43-4	4-Chlorotoluene	47.4		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	41.2		10	1.2
67-64-1	Acetone	51.1		20	9.8
71-43-2	Benzene	43.0		2.0	0.52
108-86-1	Bromobenzene	49.7		5.0	0.49
74-97-5	Chlorobromomethane	46.6		5.0	0.48
75-27-4	Dichlorobromomethane	44.0		2.0	0.50
75-25-2	Bromoform	49.1		5.0	0.64
74-83-9	Bromomethane	57.6		10	5.2
75-15-0	Carbon disulfide	49.7		5.0	1.8
56-23-5	Carbon tetrachloride	47.5		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MSD | Lab Sample ID: 550-193489-8 MSD

Matrix: Water | Lab File ID: 11192218.D

Analysis Method: 8260B | Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/19/2022 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289083 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	46.8		2.0	0.48
75-00-3	Chloroethane	49.2		5.0	0.62
67-66-3	Chloroform	46.2		2.0	0.48
74-87-3	Chloromethane	39.8		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	43.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	45.0		2.0	0.46
124-48-1	Chlorodibromomethane	46.9		2.0	0.47
74-95-3	Dibromomethane	43.6		2.0	0.55
75-71-8	Dichlorodifluoromethane	41.0		5.0	0.84
100-41-4	Ethylbenzene	46.6		2.0	0.50
76-13-1	Freon 113	49.4		5.0	0.53
87-68-3	Hexachlorobutadiene	51.5		5.0	1.4
74-88-4	Iodomethane	52.0		2.0	0.53
98-82-8	Isopropylbenzene	49.7		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	48.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	47.5		1.0	0.52
75-09-2	Methylene Chloride	47.4		5.0	4.4
91-20-3	Naphthalene	44.9		5.0	2.2
104-51-8	n-Butylbenzene	47.2		5.0	0.55
103-65-1	N-Propylbenzene	47.7		2.0	0.49
95-47-6	o-Xylene	47.9		5.0	0.47
99-87-6	4-Isopropyltoluene	50.1		2.0	0.51
135-98-8	sec-Butylbenzene	49.8		5.0	0.48
100-42-5	Styrene	49.7		2.0	0.49
98-06-6	tert-Butylbenzene	51.8		5.0	0.45
127-18-4	Tetrachloroethene	48.5		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	47.7		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	45.1		2.0	0.65
79-01-6	Trichloroethene	44.4		2.0	0.54
75-69-4	Trichlorofluoromethane	51.7		5.0	0.63
108-05-4	Vinyl acetate	50.5		25	4.1
75-01-4	Vinyl chloride	55.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Client Sample ID: COOK ESTATE_11-2022 MSD Lab Sample ID: 550-193489-8 MSD

Matrix: Water Lab File ID: 11192218.D

Analysis Method: 8260B Date Collected: 11/08/2022 12:17

Sample wt/vol: 10(mL) Date Analyzed: 11/19/2022 19:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289083 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene (Surr)	104		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 08:37

Analysis Batch Number: 288554 End Date: 11/14/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288554/1		11/14/2022 08:37	1	11142201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288554/2		11/14/2022 09:28	1	11142202.D	Rxi-624Sil 0.25(mm)
LCS 550-288554/3		11/14/2022 09:49	1	11142203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288554/4		11/14/2022 10:10	1	11142204.D	Rxi-624Sil 0.25(mm)
MB 550-288554/6		11/14/2022 10:52	1	11142206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:13	1		Rxi-624Sil 0.25(mm)
550-193489-9	TB-05_11-2022	11/14/2022 11:34	1	11142208.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:55	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 13:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:45	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:06	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:30	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/11/2022 11:04

Analysis Batch Number: 288457 End Date: 11/12/2022 11:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288457/1		11/11/2022 11:04	1	11112201.D	Rxi-624Sil 0.25(mm)
STD1 550-288457/4 IC		11/11/2022 12:22	1	11112204.D	Rxi-624Sil 0.25(mm)
STD2 550-288457/5 IC		11/11/2022 12:48	1	11112205.D	Rxi-624Sil 0.25(mm)
STD3 550-288457/6 IC		11/11/2022 13:15	1	11112206.D	Rxi-624Sil 0.25(mm)
STD4 550-288457/7 IC		11/11/2022 14:14	1	11112208.D	Rxi-624Sil 0.25(mm)
STD5 550-288457/8 IC		11/11/2022 14:40	1	11112209.D	Rxi-624Sil 0.25(mm)
STD6 550-288457/9 IC		11/11/2022 15:06	1	11112210.D	Rxi-624Sil 0.25(mm)
ICIS 550-288457/10		11/11/2022 15:32	1	11112211.D	Rxi-624Sil 0.25(mm)
STD8 550-288457/11 IC		11/11/2022 15:59	1	11112212.D	Rxi-624Sil 0.25(mm)
STD9 550-288457/12 IC		11/11/2022 16:25	1	11112213.D	Rxi-624Sil 0.25(mm)
ICV 550-288457/15		11/11/2022 17:44	1	11112216.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 10:38	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/12/2022 11:31	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/18/2022 09:14

Analysis Batch Number: 288949 End Date: 11/18/2022 20:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288949/1		11/18/2022 09:14	1	11162292.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288949/3		11/18/2022 10:06	1	11162294.D	Rxi-624Sil 0.25(mm)
LCS 550-288949/4		11/18/2022 10:33	1	11162295.D	Rxi-624Sil 0.25(mm)
LCSD 550-288949/5		11/18/2022 10:59	1	11162296.D	Rxi-624Sil 0.25(mm)
MB 550-288949/7		11/18/2022 11:51	1	11162298.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 12:17	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 12:43	1		Rxi-624Sil 0.25(mm)
550-193489-7	FB-01_11-2022	11/18/2022 13:09	1	11162301.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 13:35	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:01	20		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 14:54	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:20	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 15:46	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:13	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 16:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:05	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:31	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 17:58	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 18:50	1		Rxi-624Sil 0.25(mm)
550-193489-1	M-909_11-2022	11/18/2022 19:16	1	11162315.D	Rxi-624Sil 0.25(mm)
550-193489-2	M-09_11-2022	11/18/2022 19:42	1	11162316.D	Rxi-624Sil 0.25(mm)
550-193489-2 MS	M-09_11-2022 MS	11/18/2022 20:08	1	11162317.D	Rxi-624Sil 0.25(mm)
550-193489-2 MSD	M-09_11-2022 MSD	11/18/2022 20:35	1	11162318.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Instrument ID: GCMS25 Start Date: 11/19/2022 11:40

Analysis Batch Number: 289083 End Date: 11/19/2022 23:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-289083/1		11/19/2022 11:40	1	11192201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-289083/2		11/19/2022 12:14	1	11192202.D	Rxi-624Sil 0.25(mm)
LCS 550-289083/3		11/19/2022 12:50	1	11192203.D	Rxi-624Sil 0.25(mm)
LCSD 550-289083/4		11/19/2022 13:23	1	11192204.D	Rxi-624Sil 0.25(mm)
MB 550-289083/6		11/19/2022 14:16	1	11192206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 14:56	50		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 15:22	20		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 15:48	20		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 16:14	10		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 16:40	20		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 17:07	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 17:33	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 17:59	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 18:26	5		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 18:52	5		Rxi-624Sil 0.25(mm)
550-193489-8 MS	COOK ESTATE_11-2022 MS	11/19/2022 19:18	1	11192217.D	Rxi-624Sil 0.25(mm)
550-193489-8 MSD	COOK ESTATE_11-2022 MSD	11/19/2022 19:44	1	11192218.D	Rxi-624Sil 0.25(mm)
550-193489-8	COOK ESTATE_11-2022	11/19/2022 20:10	1	11192219.D	Rxi-624Sil 0.25(mm)
550-193489-3	R-32_I2_11-2022	11/19/2022 20:36	1	11192220.D	Rxi-624Sil 0.25(mm)
550-193489-4	R-32_D2_11-2022	11/19/2022 21:03	1	11192221.D	Rxi-624Sil 0.25(mm)
550-193489-5	EWMW-2_11-2022	11/19/2022 21:29	1	11192222.D	Rxi-624Sil 0.25(mm)
550-193489-6	SMW-29D_11-2022	11/19/2022 21:55	1	11192223.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 23:14	50		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 288457 Batch Start Date: 11/11/22 11:04 Batch Analyst: Jansen, Shanna L

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00802	MV_50ppmPS 00895	MV_BFB 25ppm 00150	MV_EtOH/TBA2 00223
BFB 550-288457/1		8260B		2 uL	2 uL			2 uL	
STD1 550-288457/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-288457/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-288457/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-288457/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-288457/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-288457/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-288457/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-288457/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-288457/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-288457/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00323	MV_Wk ICV 00441	
BFB 550-288457/1		8260B							
STD1 550-288457/4 IC		8260B			1 uL		5 uL		
STD2 550-288457/5 IC		8260B			2 uL		5 uL		
STD3 550-288457/6 IC		8260B			4 uL		5 uL		
STD4 550-288457/7 IC		8260B					5 uL		
STD5 550-288457/8 IC		8260B					5 uL		
STD6 550-288457/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 288457 Batch Start Date: 11/11/22 11:04 Batch Analyst: Jansen, Shanna L

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00323	MV_Wk ICV 00441	
ICIS 550-288457/10		8260B					5 uL		
STD8 550-288457/11 IC		8260B					5 uL		
STD9 550-288457/12 IC		8260B					5 uL		
ICV 550-288457/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288554/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288554/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288554/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288554/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288554/6		8260B		10 mL	10 mL				
550-193489-A-9	TB-05_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288554/1		8260B							
CCVIS 550-288554/2		8260B			5 uL				
LCS 550-288554/3		8260B			5 uL				
LCSD 550-288554/4		8260B			5 uL				
MB 550-288554/6		8260B		5 uL					
550-193489-A-9	TB-05_11-2022	8260B	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 288949 Batch Start Date: 11/18/22 09:14 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00149	MV_EtOH/TBA2 00221
BFB 550-288949/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-288949/3		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288949/4		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288949/5		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288949/7		8260B		10 mL	10 mL				
550-193489-A-7	FB-01_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-A-1	M-909_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-B-2	M-09_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-B-2 MS	M-09_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193489-A-2 MSD	M-09_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288949/1		8260B							
CCVIS 550-288949/3		8260B			5 uL				
LCS 550-288949/4		8260B			5 uL				
LCSD 550-288949/5		8260B			5 uL				
MB 550-288949/7		8260B		5 uL					
550-193489-A-7	FB-01_11-2022	8260B	T	5 uL					
550-193489-A-1	M-909_11-2022	8260B	T	5 uL					
550-193489-B-2	M-09_11-2022	8260B	T	5 uL					
550-193489-B-2 MS	M-09_11-2022	8260B	T		5 uL				
550-193489-A-2 MSD	M-09_11-2022	8260B	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 288949 Batch Start Date: 11/18/22 09:14 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Batch Notes	
Batch Comment	Prep/load by SJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 289083 Batch Start Date: 11/19/22 11:40 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00149	MV_EtOH/TBA2 00224
BFB 550-289083/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-289083/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-289083/3		8260B		10 mL	10 mL				
LCSD 550-289083/4		8260B		10 mL	10 mL				
MB 550-289083/6		8260B		10 mL	10 mL				
550-193489-A-8 MS	COOK ESTATE 11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193489-A-8 MSD	COOK ESTATE 11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193489-A-8	COOK ESTATE 11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-A-3	R-32_I2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-A-4	R-32_D2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-A-5	EWMW-2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193489-A-6	SMW-29D_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_IS/SRE 00160	MV_ISRE 00317	MV_Wk ICV 00441		
BFB 550-289083/1		8260B							
CCVIS 550-289083/2		8260B				5 uL			
LCS 550-289083/3		8260B		10 uL	5 uL		10 uL		
LCSD 550-289083/4		8260B		10 uL	5 uL		10 uL		
MB 550-289083/6		8260B			5 uL				
550-193489-A-8 MS	COOK ESTATE 11-2022	8260B	T			5 uL			
550-193489-A-8 MSD	COOK ESTATE 11-2022	8260B	T			5 uL			
550-193489-A-8	COOK ESTATE 11-2022	8260B	T		5 uL				
550-193489-A-3	R-32_I2_11-2022	8260B	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193489-1

SDG No.:

Batch Number: 289083 Batch Start Date: 11/19/22 11:40 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_IS/SRE 00160	MV_ISRE 00317	MV_Wk ICV 00441		
550-193489-A-4	R-32_D2_11-2022	8260B	T		5 uL				
550-193489-A-5	EWMW-2_11-2022	8260B	T		5 uL				
550-193489-A-6	SMW-29D_11-2022	8260B	T		5 uL				

Batch Notes	
Batch Comment	Prep/load bt DSJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Chain of Custody Record

571696

eurofins | Environment Testing TestAmerica

193489

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: A. MCGLOWN	Site Contact: R.	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260b	Sample Specific Notes:
M-909_11-2022	11/07	14:30	G	W	3	N	N	X	-1
M-09_11-2022	11/07	16:55	G	W	9	N	Y	X	-2
R-32_I2_11-2022	11/08	12:05	G	W	3	N	N	X	-3
R-32_D2_11-2022	11/08	12:10	G	W	3	N	N	X	-4
EWMW-2_11-2022	11/08	09:49	↓	↓	↓	↓	↓	↓	-5
SMW-29D_11-2022	11/08	11:13							-6
FB-01_11-2022	11/07	14:45							-7
COOK ESTATE_11-2022	11/08	12:17							-8
TB-05_11-2022	11/02	16:09							-9

550-193489 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; ~~3= H2SO4~~; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed ... tained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.: ____
Relinquished by:	Company: NMED	Date/Time: 11/9 1600	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by	Company: EESW	Date/Time: 11-10-22 10:30

TEMP 2-6°C

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193489-1

Login Number: 193489
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers received broken. No volume could be salvaged for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 12/1/2022 9:32 AM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193492-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

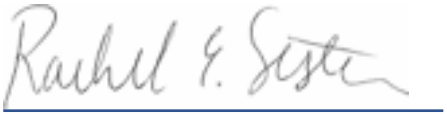
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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12/1/2022 9:32 AM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 550-193492-1
Project/Site: NRAP

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193492-1

Revision
This report was revised on 12/1/2022 to reprocess the VOC data under method 8260B_PREC. This final report replaces the report that was generated on 11/25/2022 at 6:13 PM.

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

Receipt Exceptions

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): R-16_11-2022 (550-193492-11) The client was contacted and the laboratory was instructed to log the sample in for analysis.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 550-288554 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB-06_11-2022 (550-193492-10) and (CCVIS 550-288554/2).

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 288554 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.

TB-06_11-2022 (550-193492-10) and (CCVIS 550-288554/2)

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 550-289041 recovered below project specific control limit for Bromoform, but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.
EB-03_11-2022 (550-193492-9) and (CCVIS 550-289041/2)

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 550-289135 recovered below project specific control limit for Benzene, Dichlorobromomethane, trans-1,3-Dichloropropene and Ethylene Dibromide but fell within laboratory control limits. The LCS/LCSD and MS/MSD had acceptable recoveries. The samples associated with this CCV were non-detects for the affected analyses; therefore, the data have been reported.
RDP-01_11-2022 (550-193492-1), RDP-02_11-2022 (550-193492-2), RDP-03_11-2022 (550-193492-3), R-05_11-2022 (550-193492-4), R-06_S2_11-2022 (550-193492-5), R-14_11-2022 (550-193492-6), BC-7S_11-2022 (550-193492-7), BC-7D_11-2022 (550-193492-8), R-16_11-2022 (550-193492-11) and (CCVIS 550-289135/2)

Method 8260B: The laboratory control sample duplicate (LCSD) associated with 550-289135 was outside acceptance criteria, low for 1,2-Dichloropropane. The laboratory control sample (LCS) and the batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance. The samples will be reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Client Sample ID: RDP-01_11-2022 — Lab Sample ID: 550-193492-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.6		2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: RDP-02_11-2022 — Lab Sample ID: 550-193492-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		2.0	0.62	ug/L	1		8260B	Total/NA
Naphthalene	2.2	J	5.0	2.2	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.3	J	2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: RDP-03_11-2022 — Lab Sample ID: 550-193492-3

No Detections.

Client Sample ID: R-05_11-2022 — Lab Sample ID: 550-193492-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7	J	2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.0	J	2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: R-06_S2_11-2022 — Lab Sample ID: 550-193492-5

No Detections.

Client Sample ID: R-14_11-2022 — Lab Sample ID: 550-193492-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	11		2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: BC-7S_11-2022 — Lab Sample ID: 550-193492-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3	J	2.0	0.62	ug/L	1		8260B	Total/NA

Client Sample ID: BC-7D_11-2022 — Lab Sample ID: 550-193492-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		2.0	0.62	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.90	J	2.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: EB-03_11-2022 — Lab Sample ID: 550-193492-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorobromomethane	0.95	J	2.0	0.50	ug/L	1		8260B	Total/NA
Chloroform	4.0		2.0	0.48	ug/L	1		8260B	Total/NA
Iodomethane	0.63	J	2.0	0.53	ug/L	1		8260B	Total/NA

Client Sample ID: TB-06_11-2022 — Lab Sample ID: 550-193492-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	20	9.8	ug/L	1		8260B	Total/NA
Iodomethane	1.4	J B	2.0	0.53	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Client Sample ID: R-16_11-2022

Lab Sample ID: 550-193492-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		2.0	0.62	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RDP-01_11-2022

Date Collected: 11/09/22 11:11
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 15:39	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 15:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 15:39	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 15:39	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 15:39	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 15:39	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 15:39	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 15:39	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 15:39	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 15:39	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 15:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 15:39	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 15:39	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 15:39	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 15:39	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 15:39	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 15:39	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 15:39	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 15:39	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 15:39	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 15:39	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 15:39	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 15:39	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 15:39	1
Acetone	ND		20	9.8	ug/L			11/21/22 15:39	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 15:39	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 15:39	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 15:39	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 15:39	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 15:39	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 15:39	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 15:39	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 15:39	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 15:39	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 15:39	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 15:39	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 15:39	1
cis-1,2-Dichloroethene	**12**		2.0	0.62	ug/L			11/21/22 15:39	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 15:39	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 15:39	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 15:39	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 15:39	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 15:39	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 15:39	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 15:39	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 15:39	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 15:39	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 15:39	1

Client Sample ID: RDP-01_11-2022

Date Collected: 11/09/22 11:11
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 15:39	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 15:39	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 15:39	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 15:39	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 15:39	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 15:39	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 15:39	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 15:39	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 15:39	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 15:39	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 15:39	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 15:39	1
trans-1,2-Dichloroethene	**5.6**		2.0	0.52	ug/L			11/21/22 15:39	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 15:39	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 15:39	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 15:39	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 15:39	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/21/22 15:39*	*1*
Toluene-d8 (Surr)	*81*		*70 - 130*		*11/21/22 15:39*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*11/21/22 15:39*	*1*

Client Sample ID: RDP-02_11-2022

Date Collected: 11/09/22 11:34
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 15:17	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 15:17	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 15:17	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 15:17	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 15:17	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 15:17	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 15:17	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 15:17	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 15:17	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 15:17	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 15:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 15:17	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 15:17	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 15:17	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 15:17	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 15:17	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 15:17	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 15:17	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 15:17	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 15:17	1

Client Sample ID: RDP-02_11-2022

Date Collected: 11/09/22 11:34
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 15:17	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 15:17	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 15:17	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 15:17	1
Acetone	ND		20	9.8	ug/L			11/21/22 15:17	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 15:17	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 15:17	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 15:17	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 15:17	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 15:17	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 15:17	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 15:17	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 15:17	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 15:17	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 15:17	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 15:17	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 15:17	1
cis-1,2-Dichloroethene	**3.0**		2.0	0.62	ug/L			11/21/22 15:17	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 15:17	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 15:17	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 15:17	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 15:17	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 15:17	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 15:17	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 15:17	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 15:17	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 15:17	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 15:17	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 15:17	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 15:17	1
Naphthalene	**2.2**	**J**	5.0	2.2	ug/L			11/21/22 15:17	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 15:17	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 15:17	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 15:17	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 15:17	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 15:17	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 15:17	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 15:17	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 15:17	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 15:17	1
trans-1,2-Dichloroethene	**1.3**	**J**	2.0	0.52	ug/L			11/21/22 15:17	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 15:17	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 15:17	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 15:17	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 15:17	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/21/22 15:17*	*1*

Client Sample ID: RDP-02_11-2022

Date Collected: 11/09/22 11:34
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*82*		*70 - 130*		*11/21/22 15:17*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*11/21/22 15:17*	*1*

Client Sample ID: RDP-03_11-2022

Date Collected: 11/09/22 11:57
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 16:23	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 16:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 16:23	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 16:23	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 16:23	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 16:23	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 16:23	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 16:23	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 16:23	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 16:23	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 16:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 16:23	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 16:23	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 16:23	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 16:23	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 16:23	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 16:23	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 16:23	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 16:23	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 16:23	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 16:23	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 16:23	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 16:23	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 16:23	1
Acetone	ND		20	9.8	ug/L			11/21/22 16:23	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 16:23	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 16:23	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 16:23	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 16:23	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 16:23	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 16:23	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 16:23	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 16:23	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 16:23	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 16:23	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 16:23	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 16:23	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 16:23	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 16:23	1

Client Sample ID: RDP-03_11-2022

Date Collected: 11/09/22 11:57
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 16:23	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 16:23	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 16:23	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 16:23	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 16:23	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 16:23	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 16:23	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 16:23	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 16:23	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 16:23	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 16:23	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 16:23	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 16:23	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 16:23	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 16:23	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 16:23	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 16:23	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 16:23	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 16:23	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 16:23	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 16:23	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 16:23	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 16:23	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 16:23	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 16:23	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 16:23	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/21/22 16:23*	*1*
Toluene-d8 (Surr)	*82*		*70 - 130*		*11/21/22 16:23*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*11/21/22 16:23*	*1*

Client Sample ID: R-05_11-2022

Date Collected: 11/09/22 10:17
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 16:44	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 16:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 16:44	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 16:44	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 16:44	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 16:44	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 16:44	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 16:44	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 16:44	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 16:44	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 16:44	1

Client Sample ID: R-05_11-2022

Date Collected: 11/09/22 10:17
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 16:44	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 16:44	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 16:44	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 16:44	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 16:44	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 16:44	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 16:44	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 16:44	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 16:44	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 16:44	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 16:44	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 16:44	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 16:44	1
Acetone	ND		20	9.8	ug/L			11/21/22 16:44	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 16:44	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 16:44	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 16:44	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 16:44	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 16:44	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 16:44	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 16:44	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 16:44	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 16:44	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 16:44	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 16:44	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 16:44	1
cis-1,2-Dichloroethene	**1.7**	**J**	2.0	0.62	ug/L			11/21/22 16:44	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 16:44	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 16:44	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 16:44	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 16:44	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 16:44	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 16:44	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 16:44	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 16:44	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 16:44	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 16:44	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 16:44	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 16:44	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 16:44	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 16:44	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 16:44	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 16:44	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 16:44	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 16:44	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 16:44	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 16:44	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 16:44	1

Client Sample ID: R-05_11-2022

Lab Sample ID: 550-193492-4

Date Collected: 11/09/22 10:17
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/21/22 16:44	1
trans-1,2-Dichloroethene	**1.0**	**J**	2.0	0.52	ug/L			11/21/22 16:44	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 16:44	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 16:44	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 16:44	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 16:44	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/21/22 16:44*	*1*
Toluene-d8 (Surr)	*82*		*70 - 130*		*11/21/22 16:44*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*11/21/22 16:44*	*1*

Client Sample ID: R-06_S2_11-2022

Lab Sample ID: 550-193492-5

Date Collected: 11/09/22 12:13
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 17:05	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 17:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 17:05	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 17:05	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 17:05	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 17:05	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 17:05	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 17:05	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 17:05	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 17:05	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:05	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 17:05	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 17:05	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 17:05	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 17:05	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 17:05	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:05	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:05	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 17:05	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 17:05	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 17:05	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 17:05	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 17:05	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 17:05	1
Acetone	ND		20	9.8	ug/L			11/21/22 17:05	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 17:05	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 17:05	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 17:05	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 17:05	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 17:05	1

Client Sample ID: R-06_S2_11-2022
Lab Sample ID: 550-193492-5

Date Collected: 11/09/22 12:13
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	5.2	ug/L			11/21/22 17:05	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 17:05	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 17:05	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:05	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 17:05	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 17:05	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 17:05	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 17:05	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 17:05	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 17:05	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 17:05	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 17:05	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 17:05	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 17:05	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 17:05	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 17:05	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 17:05	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 17:05	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 17:05	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 17:05	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 17:05	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 17:05	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 17:05	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 17:05	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 17:05	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 17:05	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 17:05	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 17:05	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 17:05	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 17:05	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 17:05	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 17:05	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 17:05	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 17:05	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 17:05	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/21/22 17:05*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*11/21/22 17:05*	*1*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*		*11/21/22 17:05*	*1*

Client Sample ID: R-14_11-2022
Lab Sample ID: 550-193492-6

Date Collected: 11/09/22 10:27
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 17:27	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 17:27	1

Client Sample ID: R-14_11-2022

Date Collected: 11/09/22 10:27
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 17:27	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 17:27	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 17:27	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 17:27	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 17:27	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 17:27	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 17:27	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 17:27	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 17:27	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 17:27	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 17:27	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 17:27	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 17:27	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:27	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:27	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 17:27	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 17:27	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 17:27	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 17:27	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 17:27	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 17:27	1
Acetone	ND		20	9.8	ug/L			11/21/22 17:27	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 17:27	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 17:27	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 17:27	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 17:27	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 17:27	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 17:27	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 17:27	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 17:27	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:27	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 17:27	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 17:27	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 17:27	1
cis-1,2-Dichloroethene	**21**		2.0	0.62	ug/L			11/21/22 17:27	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 17:27	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 17:27	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 17:27	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 17:27	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 17:27	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 17:27	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 17:27	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 17:27	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 17:27	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 17:27	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 17:27	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 17:27	1

Client Sample ID: R-14_11-2022

Date Collected: 11/09/22 10:27
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 17:27	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 17:27	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 17:27	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 17:27	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 17:27	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 17:27	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 17:27	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 17:27	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 17:27	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 17:27	1
trans-1,2-Dichloroethene	**11**		2.0	0.52	ug/L			11/21/22 17:27	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 17:27	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 17:27	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 17:27	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 17:27	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/21/22 17:27*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*11/21/22 17:27*	*1*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*		*11/21/22 17:27*	*1*

Client Sample ID: BC-7S_11-2022

Date Collected: 11/09/22 11:15
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 17:49	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 17:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 17:49	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 17:49	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 17:49	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 17:49	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 17:49	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 17:49	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 17:49	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 17:49	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 17:49	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 17:49	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 17:49	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 17:49	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 17:49	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 17:49	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:49	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 17:49	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 17:49	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 17:49	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 17:49	1

Client Sample ID: BC-7S_11-2022

Date Collected: 11/09/22 11:15
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 17:49	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 17:49	1
Acetone	ND		20	9.8	ug/L			11/21/22 17:49	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 17:49	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 17:49	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 17:49	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 17:49	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 17:49	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 17:49	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 17:49	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 17:49	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 17:49	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 17:49	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 17:49	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 17:49	1
cis-1,2-Dichloroethene	**1.3**	**J**	2.0	0.62	ug/L			11/21/22 17:49	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 17:49	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 17:49	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 17:49	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 17:49	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 17:49	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 17:49	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 17:49	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 17:49	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 17:49	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 17:49	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 17:49	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 17:49	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 17:49	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 17:49	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 17:49	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 17:49	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 17:49	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 17:49	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 17:49	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 17:49	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 17:49	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 17:49	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 17:49	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 17:49	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 17:49	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 17:49	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 17:49	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/21/22 17:49*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*11/21/22 17:49*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*11/21/22 17:49*	*1*

Client Sample ID: BC-7D_11-2022

Date Collected: 11/09/22 11:20
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 18:10	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 18:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 18:10	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 18:10	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 18:10	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 18:10	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 18:10	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 18:10	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 18:10	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 18:10	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 18:10	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 18:10	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 18:10	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 18:10	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 18:10	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:10	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:10	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 18:10	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 18:10	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 18:10	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 18:10	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 18:10	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 18:10	1
Acetone	ND		20	9.8	ug/L			11/21/22 18:10	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 18:10	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 18:10	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 18:10	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 18:10	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 18:10	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 18:10	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 18:10	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 18:10	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:10	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 18:10	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 18:10	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 18:10	1
cis-1,2-Dichloroethene	**2.5**		2.0	0.62	ug/L			11/21/22 18:10	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 18:10	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 18:10	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 18:10	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 18:10	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 18:10	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 18:10	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 18:10	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 18:10	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 18:10	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 18:10	1

Client Sample ID: BC-7D_11-2022

Lab Sample ID: 550-193492-8

Date Collected: 11/09/22 11:20
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 18:10	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 18:10	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 18:10	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 18:10	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 18:10	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 18:10	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 18:10	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 18:10	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 18:10	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 18:10	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 18:10	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 18:10	1
trans-1,2-Dichloroethene	**0.90**	**J**	2.0	0.52	ug/L			11/21/22 18:10	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 18:10	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 18:10	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 18:10	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 18:10	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/21/22 18:10*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*11/21/22 18:10*	*1*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*		*11/21/22 18:10*	*1*

Client Sample ID: EB-03_11-2022

Lab Sample ID: 550-193492-9

Date Collected: 11/08/22 14:05
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 23:43	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 23:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 23:43	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 23:43	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 23:43	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 23:43	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 23:43	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 23:43	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 23:43	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 23:43	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 23:43	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 23:43	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 23:43	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 23:43	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 23:43	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:43	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:43	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 23:43	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 23:43	1

Client Sample ID: EB-03_11-2022

Date Collected: 11/08/22 14:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 23:43	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 23:43	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 23:43	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 23:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 23:43	1
Acetone	ND		20	9.8	ug/L			11/18/22 23:43	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 23:43	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 23:43	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 23:43	1
Dichlorobromomethane	**0.95**	**J**	2.0	0.50	ug/L			11/18/22 23:43	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 23:43	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 23:43	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 23:43	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 23:43	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:43	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 23:43	1
Chloroform	**4.0**		2.0	0.48	ug/L			11/18/22 23:43	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 23:43	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 23:43	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 23:43	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 23:43	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 23:43	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 23:43	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 23:43	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 23:43	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 23:43	1
Iodomethane	**0.63**	**J**	2.0	0.53	ug/L			11/18/22 23:43	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 23:43	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 23:43	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 23:43	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 23:43	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 23:43	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 23:43	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 23:43	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 23:43	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 23:43	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 23:43	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 23:43	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 23:43	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 23:43	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 23:43	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 23:43	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 23:43	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 23:43	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 23:43	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 23:43	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*70 - 130*		*11/18/22 23:43*	*1*

Client Sample ID: EB-03_11-2022

Lab Sample ID: 550-193492-9

Date Collected: 11/08/22 14:05

Matrix: Water

Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/18/22 23:43*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/18/22 23:43*	*1*

Client Sample ID: TB-06_11-2022

Lab Sample ID: 550-193492-10

Date Collected: 11/02/22 16:13

Matrix: Water

Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 11:55	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 11:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 11:55	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 11:55	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 11:55	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 11:55	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 11:55	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 11:55	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 11:55	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 11:55	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:55	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 11:55	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 11:55	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 11:55	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 11:55	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 11:55	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 11:55	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:55	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 11:55	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 11:55	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 11:55	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 11:55	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 11:55	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 11:55	1
Acetone	**10**	**J**	20	9.8	ug/L			11/14/22 11:55	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 11:55	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 11:55	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 11:55	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 11:55	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 11:55	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 11:55	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 11:55	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 11:55	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 11:55	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 11:55	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 11:55	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 11:55	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 11:55	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 11:55	1

Client Sample ID: TB-06_11-2022

Lab Sample ID: 550-193492-10

Date Collected: 11/02/22 16:13
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 11:55	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 11:55	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 11:55	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 11:55	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 11:55	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 11:55	1
Iodomethane	**1.4**	**J B**	2.0	0.53	ug/L			11/14/22 11:55	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 11:55	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 11:55	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 11:55	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 11:55	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 11:55	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 11:55	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 11:55	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 11:55	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 11:55	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 11:55	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 11:55	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 11:55	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 11:55	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 11:55	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 11:55	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 11:55	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 11:55	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 11:55	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 11:55	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/14/22 11:55*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*		*11/14/22 11:55*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*11/14/22 11:55*	*1*

Client Sample ID: R-16_11-2022

Lab Sample ID: 550-193492-11

Date Collected: 11/09/22 10:37
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 18:32	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 18:32	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 18:32	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 18:32	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 18:32	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 18:32	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 18:32	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 18:32	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 18:32	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:32	1

Client Sample ID: R-16_11-2022

Date Collected: 11/09/22 10:37
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 18:32	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 18:32	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 18:32	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 18:32	1
1,2-Dichloropropane	ND	*-	2.0	0.53	ug/L			11/21/22 18:32	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 18:32	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:32	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 18:32	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 18:32	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 18:32	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 18:32	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 18:32	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 18:32	1
Acetone	ND		20	9.8	ug/L			11/21/22 18:32	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 18:32	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 18:32	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 18:32	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 18:32	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 18:32	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 18:32	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 18:32	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 18:32	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 18:32	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 18:32	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 18:32	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 18:32	1
cis-1,2-Dichloroethene	**2.3**		2.0	0.62	ug/L			11/21/22 18:32	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 18:32	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 18:32	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 18:32	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 18:32	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 18:32	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 18:32	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 18:32	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 18:32	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 18:32	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 18:32	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 18:32	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 18:32	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 18:32	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 18:32	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 18:32	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 18:32	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 18:32	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 18:32	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 18:32	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 18:32	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 18:32	1

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Client Sample ID: R-16_11-2022
Date Collected: 11/09/22 10:37
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.49	ug/L			11/21/22 18:32	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 18:32	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 18:32	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 18:32	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 18:32	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 18:32	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/21/22 18:32*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*		*11/21/22 18:32*	*1*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*		*11/21/22 18:32*	*1*

Default Detection Limits

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	5.0	0.45	ug/L
1,1,1-Trichloroethane	2.0	0.44	ug/L
1,1,2,2-Tetrachloroethane	2.0	0.50	ug/L
1,1,2-Trichloroethane	2.0	0.54	ug/L
1,1-Dichloroethane	2.0	0.49	ug/L
1,1-Dichloroethene	5.0	0.54	ug/L
1,1-Dichloropropene	2.0	0.49	ug/L
1,2,3-Trichlorobenzene	5.0	3.3	ug/L
1,2,3-Trichloropropane	10	3.5	ug/L
1,2,4-Trichlorobenzene	5.0	1.9	ug/L
1,2,4-Trimethylbenzene	2.0	0.48	ug/L
1,2-Dibromo-3-Chloropropane	5.0	3.8	ug/L
1,2-Dibromoethane	2.0	0.47	ug/L
1,2-Dichlorobenzene	2.0	0.49	ug/L
1,2-Dichloroethane	2.0	0.53	ug/L
1,2-Dichloropropane	2.0	0.53	ug/L
1,3,5-Trimethylbenzene	2.0	0.48	ug/L
1,3-Dichlorobenzene	2.0	0.48	ug/L
1,3-Dichloropropane	2.0	0.50	ug/L
1,4-Dichlorobenzene	2.0	0.51	ug/L
2,2-Dichloropropane	2.0	0.57	ug/L
2-Butanone (MEK)	10	6.0	ug/L
4-Chlorotoluene	5.0	0.49	ug/L
4-Isopropyltoluene	2.0	0.51	ug/L
4-Methyl-2-pentanone (MIBK)	10	1.2	ug/L
Acetone	20	9.8	ug/L
Benzene	2.0	0.52	ug/L
Bromobenzene	5.0	0.49	ug/L
Bromoform	5.0	0.64	ug/L
Bromomethane	10	5.2	ug/L
Carbon disulfide	5.0	1.8	ug/L
Carbon tetrachloride	5.0	0.49	ug/L
Chlorobenzene	2.0	0.48	ug/L
Chlorobromomethane	5.0	0.48	ug/L
Chlorodibromomethane	2.0	0.47	ug/L
Chloroethane	5.0	0.62	ug/L
Chloroform	2.0	0.48	ug/L
Chloromethane	5.0	0.84	ug/L
cis-1,2-Dichloroethene	2.0	0.62	ug/L
cis-1,3-Dichloropropene	2.0	0.46	ug/L
Dibromomethane	2.0	0.55	ug/L
Dichlorobromomethane	2.0	0.50	ug/L
Dichlorodifluoromethane	5.0	0.84	ug/L
Ethylbenzene	2.0	0.50	ug/L
Freon 113	5.0	0.53	ug/L
Hexachlorobutadiene	5.0	1.4	ug/L
Iodomethane	2.0	0.53	ug/L
Isopropylbenzene	2.0	0.46	ug/L
Methyl n-butyl ketone (MNBK)	10	3.3	ug/L
Methyl tert-butyl ether	1.0	0.52	ug/L
Methylene Chloride	5.0	4.4	ug/L
m-Xylene & p-Xylene	5.0	0.97	ug/L
Naphthalene	5.0	2.2	ug/L

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193492-1
Project/Site: NRAP

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
n-Butylbenzene	5.0	0.55	ug/L
N-Propylbenzene	2.0	0.49	ug/L
o-Xylene	5.0	0.47	ug/L
sec-Butylbenzene	5.0	0.48	ug/L
Styrene	2.0	0.49	ug/L
tert-Butylbenzene	5.0	0.45	ug/L
Tetrachloroethene	2.0	0.48	ug/L
Toluene	2.0	0.49	ug/L
trans-1,2-Dichloroethene	2.0	0.52	ug/L
trans-1,3-Dichloropropene	2.0	0.65	ug/L
Trichloroethene	2.0	0.54	ug/L
Trichlorofluoromethane	5.0	0.63	ug/L
Vinyl acetate	25	4.1	ug/L
Vinyl chloride	5.0	0.82	ug/L

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-193492-1	RDP-01_11-2022	96	81	76
550-193492-2	RDP-02_11-2022	92	82	76
550-193492-2 MS	RDP-02_11-2022	94	84	86
550-193492-2 MSD	RDP-02_11-2022	92	82	90
550-193492-3	RDP-03_11-2022	95	82	76
550-193492-4	R-05_11-2022	97	82	76
550-193492-5	R-06_S2_11-2022	99	83	73
550-193492-6	R-14_11-2022	97	83	75
550-193492-7	BC-7S_11-2022	99	83	74
550-193492-8	BC-7D_11-2022	96	83	75
550-193492-9	EB-03_11-2022	89	87	79
550-193492-10	TB-06_11-2022	94	87	79
550-193492-11	R-16_11-2022	96	86	72
LCS 550-288554/3	Lab Control Sample	91	87	82
LCS 550-289041/1002	Lab Control Sample	93	88	83
LCS 550-289135/3	Lab Control Sample	88	88	85
LCSD 550-288554/4	Lab Control Sample Dup	93	87	83
LCSD 550-289041/4	Lab Control Sample Dup	94	90	84
LCSD 550-289135/4	Lab Control Sample Dup	88	86	88
MB 550-288554/6	Method Blank	92	90	78
MB 550-289041/6	Method Blank	87	90	81
MB 550-289135/6	Method Blank	94	89	77

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/14/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/14/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/14/22 10:52	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/14/22 10:52	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/14/22 10:52	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/14/22 10:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/14/22 10:52	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/14/22 10:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/14/22 10:52	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/14/22 10:52	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/14/22 10:52	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/14/22 10:52	1
Acetone	ND		20	9.8	ug/L			11/14/22 10:52	1
Benzene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
Bromobenzene	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Bromoform	ND		5.0	0.64	ug/L			11/14/22 10:52	1
Bromomethane	ND		10	5.2	ug/L			11/14/22 10:52	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/14/22 10:52	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/14/22 10:52	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloroethane	ND		5.0	0.62	ug/L			11/14/22 10:52	1
Chloroform	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Chloromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/14/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/14/22 10:52	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/14/22 10:52	1
Dibromomethane	ND		2.0	0.55	ug/L			11/14/22 10:52	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/14/22 10:52	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/14/22 10:52	1
Freon 113	ND		5.0	0.53	ug/L			11/14/22 10:52	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/14/22 10:52	1
Iodomethane	1.52	J	2.0	0.53	ug/L			11/14/22 10:52	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/14/22 10:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-288554/6
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/14/22 10:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/14/22 10:52	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/14/22 10:52	1
Naphthalene	ND		5.0	2.2	ug/L			11/14/22 10:52	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/14/22 10:52	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
o-Xylene	ND		5.0	0.47	ug/L			11/14/22 10:52	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/14/22 10:52	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/14/22 10:52	1
Styrene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/14/22 10:52	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/14/22 10:52	1
Toluene	ND		2.0	0.49	ug/L			11/14/22 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/14/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/14/22 10:52	1
Trichloroethene	ND		2.0	0.54	ug/L			11/14/22 10:52	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/14/22 10:52	1
Vinyl acetate	ND		25	4.1	ug/L			11/14/22 10:52	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/14/22 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/14/22 10:52*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/14/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*11/14/22 10:52*	*1*

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	68 - 133
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	60 - 135
1,1,2-Trichloroethane	50.0	44.8		ug/L		90	69 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	65 - 132
1,1-Dichloroethene	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloropropene	50.0	47.1		ug/L		94	63 - 130
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	67 - 130
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	66 - 135
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	58 - 133
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 130
1,2-Dichloroethane	50.0	44.2		ug/L		88	54 - 135
1,2-Dichloropropane	50.0	46.5		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	70 - 139
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	50.0	45.5		ug/L		91	69 - 130
1,4-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 130
2,2-Dichloropropane	50.0	53.5		ug/L		107	60 - 148
2-Butanone (MEK)	50.0	52.3		ug/L		105	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	52.9		ug/L		106	50 - 148
4-Chlorotoluene	50.0	45.1		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	51.0		ug/L		102	56 - 141
Acetone	50.0	43.6		ug/L		87	11 - 150
Benzene	50.0	46.2		ug/L		92	67 - 130
Bromobenzene	50.0	42.4		ug/L		85	70 - 130
Chlorobromomethane	50.0	48.1		ug/L		96	59 - 139
Dichlorobromomethane	50.0	45.6		ug/L		91	69 - 130
Bromoform	50.0	38.3		ug/L		77	67 - 140
Bromomethane	50.0	56.7		ug/L		113	10 - 150
Carbon disulfide	50.0	58.4		ug/L		117	36 - 150
Carbon tetrachloride	50.0	46.3		ug/L		93	60 - 134
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130
Chloroethane	50.0	57.0		ug/L		114	57 - 150
Chloroform	50.0	48.8		ug/L		98	80 - 120
Chloromethane	50.0	60.2		ug/L		120	46 - 150
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	64 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	66 - 134
Chlorodibromomethane	50.0	45.4		ug/L		91	65 - 133
Dibromomethane	50.0	44.8		ug/L		90	65 - 130
Dichlorodifluoromethane	50.0	53.2		ug/L		106	29 - 150
Ethylbenzene	50.0	46.0		ug/L		92	80 - 120
Freon 113	50.0	52.4		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	45.8		ug/L		92	58 - 134
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 139
m-Xylene & p-Xylene	50.0	45.0		ug/L		90	67 - 137
Methyl tert-butyl ether	50.0	51.4		ug/L		103	59 - 139
Methylene Chloride	50.0	49.0		ug/L		98	55 - 136
Naphthalene	50.0	42.5		ug/L		85	64 - 135
n-Butylbenzene	50.0	48.3		ug/L		97	70 - 136
N-Propylbenzene	50.0	45.8		ug/L		92	66 - 142
o-Xylene	50.0	45.1		ug/L		90	68 - 136
4-Isopropyltoluene	50.0	47.0		ug/L		94	67 - 138
sec-Butylbenzene	50.0	46.4		ug/L		93	66 - 135
Styrene	50.0	44.3		ug/L		89	69 - 135
tert-Butylbenzene	50.0	45.7		ug/L		91	64 - 135
Tetrachloroethene	50.0	45.9		ug/L		92	63 - 131
Toluene	50.0	46.6		ug/L		93	71 - 123
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	65 - 132
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 136
Trichloroethene	50.0	46.2		ug/L		92	67 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	62 - 147
Vinyl acetate	50.0	57.6		ug/L		115	51 - 150
Vinyl chloride	50.0	57.4		ug/L		115	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-288554/3
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	44.5		ug/L		89	68 - 133	0	20
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	62 - 134	1	20
1,1,2,2-Tetrachloroethane			50.0	46.9		ug/L		94	60 - 135	5	20
1,1,2-Trichloroethane			50.0	45.9		ug/L		92	69 - 130	2	20
1,1-Dichloroethane			50.0	51.3		ug/L		103	65 - 132	0	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	80 - 120	0	23
1,1-Dichloropropene			50.0	47.6		ug/L		95	63 - 130	1	20
1,2,3-Trichlorobenzene			50.0	40.4		ug/L		81	62 - 139	4	20
1,2,3-Trichloropropane			50.0	45.4		ug/L		91	67 - 130	7	20
1,2,4-Trichlorobenzene			50.0	42.6		ug/L		85	66 - 135	4	20
1,2,4-Trimethylbenzene			50.0	46.0		ug/L		92	70 - 134	1	20
1,2-Dibromo-3-Chloropropane			50.0	49.6		ug/L		99	58 - 133	7	21
1,2-Dibromoethane			50.0	47.1		ug/L		94	70 - 130	3	20
1,2-Dichlorobenzene			50.0	42.9		ug/L		86	70 - 130	1	20
1,2-Dichloroethane			50.0	44.8		ug/L		90	54 - 135	1	20
1,2-Dichloropropane			50.0	46.9		ug/L		94	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.1		ug/L		92	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	0	20
1,3-Dichloropropane			50.0	46.3		ug/L		93	69 - 130	2	20
1,4-Dichlorobenzene			50.0	44.4		ug/L		89	70 - 130	2	20
2,2-Dichloropropane			50.0	53.9		ug/L		108	60 - 148	1	21
2-Butanone (MEK)			50.0	59.0		ug/L		118	50 - 150	12	34
Methyl n-butyl ketone (MNBK)			50.0	59.1		ug/L		118	50 - 148	11	29
4-Chlorotoluene			50.0	45.7		ug/L		91	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	55.9		ug/L		112	56 - 141	9	23
Acetone			50.0	49.7		ug/L		99	11 - 150	13	35
Benzene			50.0	46.1		ug/L		92	67 - 130	0	20
Bromobenzene			50.0	43.0		ug/L		86	70 - 130	1	20
Chlorobromomethane			50.0	48.7		ug/L		97	59 - 139	1	20
Dichlorobromomethane			50.0	45.4		ug/L		91	69 - 130	0	20
Bromoform			50.0	39.6		ug/L		79	67 - 140	3	20
Bromomethane			50.0	56.3		ug/L		113	10 - 150	1	31
Carbon disulfide			50.0	58.6		ug/L		117	36 - 150	0	26
Carbon tetrachloride			50.0	46.3		ug/L		93	60 - 134	0	20
Chlorobenzene			50.0	44.7		ug/L		89	70 - 130	2	20
Chloroethane			50.0	57.9		ug/L		116	57 - 150	2	29
Chloroform			50.0	49.0		ug/L		98	80 - 120	0	20
Chloromethane			50.0	59.4		ug/L		119	46 - 150	1	30
cis-1,2-Dichloroethene			50.0	45.3		ug/L		91	64 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-288554/4
Matrix: Water
Analysis Batch: 288554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	47.2		ug/L		94	66 - 134	1	20
Chlorodibromomethane			50.0	45.7		ug/L		91	65 - 133	1	20
Dibromomethane			50.0	45.7		ug/L		91	65 - 130	2	20
Dichlorodifluoromethane			50.0	53.6		ug/L		107	29 - 150	1	30
Ethylbenzene			50.0	46.5		ug/L		93	80 - 120	1	20
Freon 113			50.0	53.4		ug/L		107	37 - 150	2	20
Hexachlorobutadiene			50.0	43.8		ug/L		88	58 - 134	4	20
Isopropylbenzene			50.0	46.3		ug/L		93	70 - 139	1	20
m-Xylene & p-Xylene			50.0	45.5		ug/L		91	67 - 137	1	20
Methyl tert-butyl ether			50.0	53.0		ug/L		106	59 - 139	3	22
Methylene Chloride			50.0	49.0		ug/L		98	55 - 136	0	23
Naphthalene			50.0	42.6		ug/L		85	64 - 135	0	20
n-Butylbenzene			50.0	48.5		ug/L		97	70 - 136	0	20
N-Propylbenzene			50.0	45.8		ug/L		92	66 - 142	0	20
o-Xylene			50.0	44.2		ug/L		88	68 - 136	2	20
4-Isopropyltoluene			50.0	47.4		ug/L		95	67 - 138	1	20
sec-Butylbenzene			50.0	46.1		ug/L		92	66 - 135	1	20
Styrene			50.0	44.2		ug/L		88	69 - 135	0	20
tert-Butylbenzene			50.0	45.7		ug/L		91	64 - 135	0	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	1	20
Toluene			50.0	46.0		ug/L		92	71 - 123	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	65 - 132	0	20
trans-1,3-Dichloropropene			50.0	48.0		ug/L		96	66 - 136	0	20
Trichloroethene			50.0	45.9		ug/L		92	67 - 130	1	20
Trichlorofluoromethane			50.0	51.0		ug/L		102	62 - 147	1	22
Vinyl acetate			50.0	57.8		ug/L		116	51 - 150	0	29
Vinyl chloride			50.0	57.6		ug/L		115	80 - 120	0	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/18/22 23:22	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/18/22 23:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/18/22 23:22	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/18/22 23:22	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/18/22 23:22	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/18/22 23:22	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/18/22 23:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/18/22 23:22	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/18/22 23:22	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/18/22 23:22	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/18/22 23:22	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/18/22 23:22	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/18/22 23:22	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/18/22 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/18/22 23:22	1
Acetone	ND		20	9.8	ug/L			11/18/22 23:22	1
Benzene	ND		2.0	0.52	ug/L			11/18/22 23:22	1
Bromobenzene	ND		5.0	0.49	ug/L			11/18/22 23:22	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/18/22 23:22	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/18/22 23:22	1
Bromoform	ND		5.0	0.64	ug/L			11/18/22 23:22	1
Bromomethane	ND		10	5.2	ug/L			11/18/22 23:22	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/18/22 23:22	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/18/22 23:22	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Chloroethane	ND		5.0	0.62	ug/L			11/18/22 23:22	1
Chloroform	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Chloromethane	ND		5.0	0.84	ug/L			11/18/22 23:22	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/18/22 23:22	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/18/22 23:22	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/18/22 23:22	1
Dibromomethane	ND		2.0	0.55	ug/L			11/18/22 23:22	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/18/22 23:22	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/18/22 23:22	1
Freon 113	ND		5.0	0.53	ug/L			11/18/22 23:22	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/18/22 23:22	1
Iodomethane	ND		2.0	0.53	ug/L			11/18/22 23:22	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/18/22 23:22	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/18/22 23:22	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/18/22 23:22	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/18/22 23:22	1
Naphthalene	ND		5.0	2.2	ug/L			11/18/22 23:22	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/18/22 23:22	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
o-Xylene	ND		5.0	0.47	ug/L			11/18/22 23:22	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/18/22 23:22	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/18/22 23:22	1
Styrene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/18/22 23:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289041/6
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.0	0.48	ug/L			11/18/22 23:22	1
Toluene	ND		2.0	0.49	ug/L			11/18/22 23:22	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/18/22 23:22	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/18/22 23:22	1
Trichloroethene	ND		2.0	0.54	ug/L			11/18/22 23:22	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/18/22 23:22	1
Vinyl acetate	ND		25	4.1	ug/L			11/18/22 23:22	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/18/22 23:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*11/18/22 23:22*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*11/18/22 23:22*	*1*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*		*11/18/22 23:22*	*1*

Lab Sample ID: LCS 550-289041/1002
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	41.2		ug/L		82	68 - 133
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	62 - 134
1,1,2,2-Tetrachloroethane	50.0	41.3		ug/L		83	60 - 135
1,1,2-Trichloroethane	50.0	41.1		ug/L		82	69 - 130
1,1-Dichloroethane	50.0	49.0		ug/L		98	65 - 132
1,1-Dichloroethene	50.0	49.5		ug/L		99	80 - 120
1,1-Dichloropropene	50.0	45.6		ug/L		91	63 - 130
1,2,3-Trichlorobenzene	50.0	42.2		ug/L		84	62 - 139
1,2,3-Trichloropropane	50.0	41.5		ug/L		83	67 - 130
1,2,4-Trichlorobenzene	50.0	43.1		ug/L		86	66 - 135
1,2,4-Trimethylbenzene	50.0	43.6		ug/L		87	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/L		92	58 - 133
1,2-Dibromoethane	50.0	42.3		ug/L		85	70 - 130
1,2-Dichlorobenzene	50.0	40.9		ug/L		82	70 - 130
1,2-Dichloroethane	50.0	40.0		ug/L		80	54 - 135
1,2-Dichloropropane	50.0	42.8		ug/L		86	80 - 120
1,3,5-Trimethylbenzene	50.0	43.1		ug/L		86	70 - 139
1,3-Dichlorobenzene	50.0	42.0		ug/L		84	70 - 130
1,3-Dichloropropane	50.0	41.9		ug/L		84	69 - 130
1,4-Dichlorobenzene	50.0	41.5		ug/L		83	70 - 130
2,2-Dichloropropane	50.0	49.6		ug/L		99	60 - 148
2-Butanone (MEK)	50.0	55.0		ug/L		110	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	51.8		ug/L		104	50 - 148
4-Chlorotoluene	50.0	43.0		ug/L		86	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.5		ug/L		95	56 - 141
Acetone	50.0	57.7		ug/L		115	11 - 150
Benzene	50.0	43.8		ug/L		88	67 - 130
Bromobenzene	50.0	40.8		ug/L		82	70 - 130
Chlorobromomethane	50.0	45.6		ug/L		91	59 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289041/1002
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	41.9		ug/L		84	69 - 130
Bromoform	50.0	35.9		ug/L		72	67 - 140
Bromomethane	50.0	49.3		ug/L		99	10 - 150
Carbon disulfide	50.0	55.2		ug/L		110	36 - 150
Carbon tetrachloride	50.0	46.0		ug/L		92	60 - 134
Chlorobenzene	50.0	42.2		ug/L		84	70 - 130
Chloroethane	50.0	55.4		ug/L		111	57 - 150
Chloroform	50.0	46.4		ug/L		93	80 - 120
Chloromethane	50.0	44.1		ug/L		88	46 - 150
cis-1,2-Dichloroethene	50.0	43.6		ug/L		87	64 - 130
cis-1,3-Dichloropropene	50.0	42.9		ug/L		86	66 - 134
Chlorodibromomethane	50.0	42.1		ug/L		84	65 - 133
Dibromomethane	50.0	41.5		ug/L		83	65 - 130
Dichlorodifluoromethane	50.0	45.1		ug/L		90	29 - 150
Ethylbenzene	50.0	44.4		ug/L		89	80 - 120
Freon 113	50.0	52.6		ug/L		105	37 - 150
Hexachlorobutadiene	50.0	49.7		ug/L		99	58 - 134
Isopropylbenzene	50.0	46.5		ug/L		93	70 - 139
m-Xylene & p-Xylene	50.0	44.3		ug/L		89	67 - 137
Methyl tert-butyl ether	50.0	45.4		ug/L		91	59 - 139
Methylene Chloride	50.0	48.1		ug/L		96	55 - 136
Naphthalene	50.0	43.2		ug/L		86	64 - 135
n-Butylbenzene	50.0	47.9		ug/L		96	70 - 136
N-Propylbenzene	50.0	46.1		ug/L		92	66 - 142
o-Xylene	50.0	43.4		ug/L		87	68 - 136
4-Isopropyltoluene	50.0	46.8		ug/L		94	67 - 138
sec-Butylbenzene	50.0	47.1		ug/L		94	66 - 135
Styrene	50.0	42.4		ug/L		85	69 - 135
tert-Butylbenzene	50.0	47.6		ug/L		95	64 - 135
Tetrachloroethene	50.0	45.2		ug/L		90	63 - 131
Toluene	50.0	43.9		ug/L		88	71 - 123
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	65 - 132
trans-1,3-Dichloropropene	50.0	43.3		ug/L		87	66 - 136
Trichloroethene	50.0	44.5		ug/L		89	67 - 130
Trichlorofluoromethane	50.0	52.8		ug/L		106	62 - 147
Vinyl acetate	50.0	47.9		ug/L		96	51 - 150
Vinyl chloride	50.0	58.4		ug/L		117	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289041/4
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	43.3		ug/L		87	68 - 133	5	20
1,1,1-Trichloroethane	50.0	50.9		ug/L		102	62 - 134	2	20
1,1,2,2-Tetrachloroethane	50.0	43.3		ug/L		87	60 - 135	5	20
1,1,2-Trichloroethane	50.0	42.6		ug/L		85	69 - 130	4	20
1,1-Dichloroethane	50.0	50.6		ug/L		101	65 - 132	3	20
1,1-Dichloroethene	50.0	50.8		ug/L		102	80 - 120	3	23
1,1-Dichloropropene	50.0	47.3		ug/L		95	63 - 130	4	20
1,2,3-Trichlorobenzene	50.0	42.2		ug/L		84	62 - 139	0	20
1,2,3-Trichloropropane	50.0	42.3		ug/L		85	67 - 130	2	20
1,2,4-Trichlorobenzene	50.0	42.2		ug/L		84	66 - 135	2	20
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 134	5	20
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/L		91	58 - 133	0	21
1,2-Dibromoethane	50.0	43.4		ug/L		87	70 - 130	2	20
1,2-Dichlorobenzene	50.0	42.1		ug/L		84	70 - 130	3	20
1,2-Dichloroethane	50.0	41.6		ug/L		83	54 - 135	4	20
1,2-Dichloropropane	50.0	44.7		ug/L		89	80 - 120	4	20
1,3,5-Trimethylbenzene	50.0	44.6		ug/L		89	70 - 139	3	20
1,3-Dichlorobenzene	50.0	43.7		ug/L		87	70 - 130	4	20
1,3-Dichloropropane	50.0	43.1		ug/L		86	69 - 130	3	20
1,4-Dichlorobenzene	50.0	43.0		ug/L		86	70 - 130	4	20
2,2-Dichloropropane	50.0	51.2		ug/L		102	60 - 148	3	21
2-Butanone (MEK)	50.0	54.8		ug/L		110	50 - 150	0	34
Methyl n-butyl ketone (MNBK)	50.0	52.8		ug/L		106	50 - 148	2	29
4-Chlorotoluene	50.0	44.3		ug/L		89	70 - 130	3	20
4-Methyl-2-pentanone (MIBK)	50.0	48.7		ug/L		97	56 - 141	3	23
Acetone	50.0	56.4		ug/L		113	11 - 150	2	35
Benzene	50.0	45.5		ug/L		91	67 - 130	4	20
Bromobenzene	50.0	42.2		ug/L		84	70 - 130	3	20
Chlorobromomethane	50.0	46.9		ug/L		94	59 - 139	3	20
Dichlorobromomethane	50.0	43.4		ug/L		87	69 - 130	3	20
Bromoform	50.0	36.7		ug/L		73	67 - 140	2	20
Bromomethane	50.0	54.8		ug/L		110	10 - 150	10	31
Carbon disulfide	50.0	57.0		ug/L		114	36 - 150	3	26
Carbon tetrachloride	50.0	47.7		ug/L		95	60 - 134	4	20
Chlorobenzene	50.0	44.0		ug/L		88	70 - 130	4	20
Chloroethane	50.0	57.9		ug/L		116	57 - 150	4	29
Chloroform	50.0	47.9		ug/L		96	80 - 120	3	20
Chloromethane	50.0	44.9		ug/L		90	46 - 150	2	30
cis-1,2-Dichloroethene	50.0	45.3		ug/L		91	64 - 130	4	20
cis-1,3-Dichloropropene	50.0	44.5		ug/L		89	66 - 134	3	20
Chlorodibromomethane	50.0	43.3		ug/L		87	65 - 133	3	20
Dibromomethane	50.0	42.7		ug/L		85	65 - 130	3	20
Dichlorodifluoromethane	50.0	46.2		ug/L		92	29 - 150	2	30
Ethylbenzene	50.0	46.4		ug/L		93	80 - 120	5	20
Freon 113	50.0	54.1		ug/L		108	37 - 150	3	20
Hexachlorobutadiene	50.0	49.3		ug/L		99	58 - 134	1	20
Isopropylbenzene	50.0	47.3		ug/L		95	70 - 139	2	20
m-Xylene & p-Xylene	50.0	45.8		ug/L		92	67 - 137	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289041/4
Matrix: Water
Analysis Batch: 289041

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	46.6		ug/L		93	59 - 139	3	22
Methylene Chloride			50.0	49.5		ug/L		99	55 - 136	3	23
Naphthalene			50.0	42.7		ug/L		85	64 - 135	1	20
n-Butylbenzene			50.0	49.4		ug/L		99	70 - 136	3	20
N-Propylbenzene			50.0	47.4		ug/L		95	66 - 142	3	20
o-Xylene			50.0	45.1		ug/L		90	68 - 136	4	20
4-Isopropyltoluene			50.0	48.2		ug/L		96	67 - 138	3	20
sec-Butylbenzene			50.0	48.4		ug/L		97	66 - 135	3	20
Styrene			50.0	44.0		ug/L		88	69 - 135	4	20
tert-Butylbenzene			50.0	48.7		ug/L		97	64 - 135	2	20
Tetrachloroethene			50.0	46.3		ug/L		93	63 - 131	2	20
Toluene			50.0	45.3		ug/L		91	71 - 123	3	20
trans-1,2-Dichloroethene			50.0	51.1		ug/L		102	65 - 132	4	20
trans-1,3-Dichloropropene			50.0	44.3		ug/L		89	66 - 136	2	20
Trichloroethene			50.0	45.7		ug/L		91	67 - 130	3	20
Trichlorofluoromethane			50.0	53.8		ug/L		108	62 - 147	2	22
Vinyl acetate			50.0	52.4		ug/L		105	51 - 150	9	29
Vinyl chloride			50.0	59.2		ug/L		118	80 - 120	1	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.45	ug/L			11/21/22 14:12	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/L			11/21/22 14:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/21/22 14:12	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			11/21/22 14:12	1
1,1-Dichloroethane	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,1-Dichloroethene	ND		5.0	0.54	ug/L			11/21/22 14:12	1
1,1-Dichloropropene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,2,3-Trichlorobenzene	ND		5.0	3.3	ug/L			11/21/22 14:12	1
1,2,3-Trichloropropane	ND		10	3.5	ug/L			11/21/22 14:12	1
1,2,4-Trichlorobenzene	ND		5.0	1.9	ug/L			11/21/22 14:12	1
1,2,4-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.8	ug/L			11/21/22 14:12	1
1,2-Dibromoethane	ND		2.0	0.47	ug/L			11/21/22 14:12	1
1,2-Dichlorobenzene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
1,2-Dichloroethane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
1,2-Dichloropropane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
1,3,5-Trimethylbenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,3-Dichlorobenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
1,3-Dichloropropane	ND		2.0	0.50	ug/L			11/21/22 14:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		2.0	0.51	ug/L			11/21/22 14:12	1
2,2-Dichloropropane	ND		2.0	0.57	ug/L			11/21/22 14:12	1
2-Butanone (MEK)	ND		10	6.0	ug/L			11/21/22 14:12	1
Methyl n-butyl ketone (MNBK)	ND		10	3.3	ug/L			11/21/22 14:12	1
4-Chlorotoluene	ND		5.0	0.49	ug/L			11/21/22 14:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	1.2	ug/L			11/21/22 14:12	1
Acetone	ND		20	9.8	ug/L			11/21/22 14:12	1
Benzene	ND		2.0	0.52	ug/L			11/21/22 14:12	1
Bromobenzene	ND		5.0	0.49	ug/L			11/21/22 14:12	1
Chlorobromomethane	ND		5.0	0.48	ug/L			11/21/22 14:12	1
Dichlorobromomethane	ND		2.0	0.50	ug/L			11/21/22 14:12	1
Bromoform	ND		5.0	0.64	ug/L			11/21/22 14:12	1
Bromomethane	ND		10	5.2	ug/L			11/21/22 14:12	1
Carbon disulfide	ND		5.0	1.8	ug/L			11/21/22 14:12	1
Carbon tetrachloride	ND		5.0	0.49	ug/L			11/21/22 14:12	1
Chlorobenzene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Chloroethane	ND		5.0	0.62	ug/L			11/21/22 14:12	1
Chloroform	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Chloromethane	ND		5.0	0.84	ug/L			11/21/22 14:12	1
cis-1,2-Dichloroethene	ND		2.0	0.62	ug/L			11/21/22 14:12	1
cis-1,3-Dichloropropene	ND		2.0	0.46	ug/L			11/21/22 14:12	1
Chlorodibromomethane	ND		2.0	0.47	ug/L			11/21/22 14:12	1
Dibromomethane	ND		2.0	0.55	ug/L			11/21/22 14:12	1
Dichlorodifluoromethane	ND		5.0	0.84	ug/L			11/21/22 14:12	1
Ethylbenzene	ND		2.0	0.50	ug/L			11/21/22 14:12	1
Freon 113	ND		5.0	0.53	ug/L			11/21/22 14:12	1
Hexachlorobutadiene	ND		5.0	1.4	ug/L			11/21/22 14:12	1
Iodomethane	ND		2.0	0.53	ug/L			11/21/22 14:12	1
Isopropylbenzene	ND		2.0	0.46	ug/L			11/21/22 14:12	1
m-Xylene & p-Xylene	ND		5.0	0.97	ug/L			11/21/22 14:12	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/L			11/21/22 14:12	1
Methylene Chloride	ND		5.0	4.4	ug/L			11/21/22 14:12	1
Naphthalene	ND		5.0	2.2	ug/L			11/21/22 14:12	1
n-Butylbenzene	ND		5.0	0.55	ug/L			11/21/22 14:12	1
N-Propylbenzene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
o-Xylene	ND		5.0	0.47	ug/L			11/21/22 14:12	1
4-Isopropyltoluene	ND		2.0	0.51	ug/L			11/21/22 14:12	1
sec-Butylbenzene	ND		5.0	0.48	ug/L			11/21/22 14:12	1
Styrene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
tert-Butylbenzene	ND		5.0	0.45	ug/L			11/21/22 14:12	1
Tetrachloroethene	ND		2.0	0.48	ug/L			11/21/22 14:12	1
Toluene	ND		2.0	0.49	ug/L			11/21/22 14:12	1
trans-1,2-Dichloroethene	ND		2.0	0.52	ug/L			11/21/22 14:12	1
trans-1,3-Dichloropropene	ND		2.0	0.65	ug/L			11/21/22 14:12	1
Trichloroethene	ND		2.0	0.54	ug/L			11/21/22 14:12	1
Trichlorofluoromethane	ND		5.0	0.63	ug/L			11/21/22 14:12	1
Vinyl acetate	ND		25	4.1	ug/L			11/21/22 14:12	1
Vinyl chloride	ND		5.0	0.82	ug/L			11/21/22 14:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-289135/6
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/21/22 14:12*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*11/21/22 14:12*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*11/21/22 14:12*	*1*

Lab Sample ID: LCS 550-289135/3
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L		95	68 - 133
1,1,1-Trichloroethane	50.0	47.0		ug/L		94	62 - 134
1,1,2,2-Tetrachloroethane	50.0	42.8		ug/L		86	60 - 135
1,1,2-Trichloroethane	50.0	41.6		ug/L		83	69 - 130
1,1-Dichloroethane	50.0	41.6		ug/L		83	65 - 132
1,1-Dichloroethene	50.0	47.4		ug/L		95	80 - 120
1,1-Dichloropropene	50.0	49.7		ug/L		99	63 - 130
1,2,3-Trichlorobenzene	50.0	48.6		ug/L		97	62 - 139
1,2,3-Trichloropropane	50.0	46.2		ug/L		92	67 - 130
1,2,4-Trichlorobenzene	50.0	46.5		ug/L		93	66 - 135
1,2,4-Trimethylbenzene	50.0	46.4		ug/L		93	70 - 134
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	58 - 133
1,2-Dibromoethane	50.0	40.9		ug/L		82	70 - 130
1,2-Dichlorobenzene	50.0	44.1		ug/L		88	70 - 130
1,2-Dichloroethane	50.0	42.4		ug/L		85	54 - 135
1,2-Dichloropropane	50.0	41.5		ug/L		83	80 - 120
1,3,5-Trimethylbenzene	50.0	49.9		ug/L		100	70 - 139
1,3-Dichlorobenzene	50.0	43.1		ug/L		86	70 - 130
1,3-Dichloropropane	50.0	40.8		ug/L		82	69 - 130
1,4-Dichlorobenzene	50.0	42.3		ug/L		85	70 - 130
2,2-Dichloropropane	50.0	47.0		ug/L		94	60 - 148
2-Butanone (MEK)	50.0	39.7		ug/L		79	50 - 150
Methyl n-butyl ketone (MNBK)	50.0	36.0		ug/L		72	50 - 148
4-Chlorotoluene	50.0	40.9		ug/L		82	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	42.3		ug/L		85	56 - 141
Acetone	50.0	42.2		ug/L		84	11 - 150
Benzene	50.0	40.9		ug/L		82	67 - 130
Bromobenzene	50.0	44.5		ug/L		89	70 - 130
Chlorobromomethane	50.0	43.5		ug/L		87	59 - 139
Dichlorobromomethane	50.0	39.8		ug/L		80	69 - 130
Bromoform	50.0	39.5		ug/L		79	67 - 140
Bromomethane	50.0	54.2		ug/L		108	10 - 150
Carbon disulfide	50.0	46.9		ug/L		94	36 - 150
Carbon tetrachloride	50.0	50.7		ug/L		101	60 - 134
Chlorobenzene	50.0	42.5		ug/L		85	70 - 130
Chloroethane	50.0	51.6		ug/L		103	57 - 150
Chloroform	50.0	40.4		ug/L		81	80 - 120
Chloromethane	50.0	42.7		ug/L		85	46 - 150
cis-1,2-Dichloroethene	50.0	42.5		ug/L		85	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-289135/3
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,3-Dichloropropene			50.0	40.7		ug/L		81	66 - 134		
Chlorodibromomethane			50.0	43.1		ug/L		86	65 - 133		
Dibromomethane			50.0	42.5		ug/L		85	65 - 130		
Dichlorodifluoromethane			50.0	52.7		ug/L		105	29 - 150		
Ethylbenzene			50.0	43.0		ug/L		86	80 - 120		
Freon 113			50.0	56.1		ug/L		112	37 - 150		
Hexachlorobutadiene			50.0	53.6		ug/L		107	58 - 134		
Isopropylbenzene			50.0	52.3		ug/L		105	70 - 139		
m-Xylene & p-Xylene			50.0	46.8		ug/L		94	67 - 137		
Methyl tert-butyl ether			50.0	44.2		ug/L		88	59 - 139		
Methylene Chloride			50.0	45.2		ug/L		90	55 - 136		
Naphthalene			50.0	46.9		ug/L		94	64 - 135		
n-Butylbenzene			50.0	47.0		ug/L		94	70 - 136		
N-Propylbenzene			50.0	46.9		ug/L		94	66 - 142		
o-Xylene			50.0	48.6		ug/L		97	68 - 136		
4-Isopropyltoluene			50.0	52.0		ug/L		104	67 - 138		
sec-Butylbenzene			50.0	54.5		ug/L		109	66 - 135		
Styrene			50.0	42.4		ug/L		85	69 - 135		
tert-Butylbenzene			50.0	46.0		ug/L		92	64 - 135		
Tetrachloroethene			50.0	49.8		ug/L		100	63 - 131		
Toluene			50.0	43.2		ug/L		86	71 - 123		
trans-1,2-Dichloroethene			50.0	43.3		ug/L		87	65 - 132		
trans-1,3-Dichloropropene			50.0	40.6		ug/L		81	66 - 136		
Trichloroethene			50.0	47.3		ug/L		95	67 - 130		
Trichlorofluoromethane			50.0	56.2		ug/L		112	62 - 147		
Vinyl acetate			50.0	40.7		ug/L		81	51 - 150		
Vinyl chloride			50.0	49.4		ug/L		99	80 - 120		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)			*88*		*70 - 130*
Toluene-d8 (Surr)			*88*		*70 - 130*
4-Bromofluorobenzene (Surr)			*85*		*70 - 130*

Lab Sample ID: LCSD 550-289135/4
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	43.8		ug/L		88	68 - 133	8	20
1,1,1-Trichloroethane			50.0	45.0		ug/L		90	62 - 134	4	20
1,1,2,2-Tetrachloroethane			50.0	42.8		ug/L		86	60 - 135	0	20
1,1,2-Trichloroethane			50.0	40.7		ug/L		81	69 - 130	2	20
1,1-Dichloroethane			50.0	40.8		ug/L		82	65 - 132	2	20
1,1-Dichloroethene			50.0	44.6		ug/L		89	80 - 120	6	23
1,1-Dichloropropene			50.0	46.0		ug/L		92	63 - 130	8	20
1,2,3-Trichlorobenzene			50.0	48.5		ug/L		97	62 - 139	0	20
1,2,3-Trichloropropane			50.0	46.5		ug/L		93	67 - 130	0	20
1,2,4-Trichlorobenzene			50.0	47.0		ug/L		94	66 - 135	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289135/4
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 289135

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			50.0	47.6		ug/L		95	70 - 134	2	20
1,2-Dibromo-3-Chloropropane			50.0	43.6		ug/L		87	58 - 133	3	21
1,2-Dibromoethane			50.0	39.9		ug/L		80	70 - 130	2	20
1,2-Dichlorobenzene			50.0	45.0		ug/L		90	70 - 130	2	20
1,2-Dichloroethane			50.0	40.7		ug/L		81	54 - 135	4	20
1,2-Dichloropropane			50.0	39.2	*-	ug/L		78	80 - 120	6	20
1,3,5-Trimethylbenzene			50.0	51.3		ug/L		103	70 - 139	3	20
1,3-Dichlorobenzene			50.0	44.2		ug/L		88	70 - 130	3	20
1,3-Dichloropropane			50.0	40.5		ug/L		81	69 - 130	1	20
1,4-Dichlorobenzene			50.0	42.8		ug/L		86	70 - 130	1	20
2,2-Dichloropropane			50.0	44.9		ug/L		90	60 - 148	4	21
2-Butanone (MEK)			50.0	37.6		ug/L		75	50 - 150	5	34
Methyl n-butyl ketone (MNBK)			50.0	34.3		ug/L		69	50 - 148	5	29
4-Chlorotoluene			50.0	43.1		ug/L		86	70 - 130	5	20
4-Methyl-2-pentanone (MIBK)			50.0	38.0		ug/L		76	56 - 141	11	23
Acetone			50.0	38.3		ug/L		77	11 - 150	10	35
Benzene			50.0	38.3		ug/L		77	67 - 130	6	20
Bromobenzene			50.0	46.3		ug/L		93	70 - 130	4	20
Chlorobromomethane			50.0	43.2		ug/L		86	59 - 139	1	20
Dichlorobromomethane			50.0	38.3		ug/L		77	69 - 130	4	20
Bromoform			50.0	40.6		ug/L		81	67 - 140	3	20
Bromomethane			50.0	51.2		ug/L		102	10 - 150	6	31
Carbon disulfide			50.0	43.7		ug/L		87	36 - 150	7	26
Carbon tetrachloride			50.0	44.5		ug/L		89	60 - 134	13	20
Chlorobenzene			50.0	42.1		ug/L		84	70 - 130	1	20
Chloroethane			50.0	47.8		ug/L		96	57 - 150	7	29
Chloroform			50.0	40.8		ug/L		82	80 - 120	1	20
Chloromethane			50.0	39.2		ug/L		78	46 - 150	8	30
cis-1,2-Dichloroethene			50.0	39.1		ug/L		78	64 - 130	8	20
cis-1,3-Dichloropropene			50.0	39.8		ug/L		80	66 - 134	2	20
Chlorodibromomethane			50.0	41.4		ug/L		83	65 - 133	4	20
Dibromomethane			50.0	39.3		ug/L		79	65 - 130	8	20
Dichlorodifluoromethane			50.0	44.5		ug/L		89	29 - 150	17	30
Ethylbenzene			50.0	41.5		ug/L		83	80 - 120	4	20
Freon 113			50.0	52.1		ug/L		104	37 - 150	7	20
Hexachlorobutadiene			50.0	54.6		ug/L		109	58 - 134	2	20
Isopropylbenzene			50.0	53.5		ug/L		107	70 - 139	2	20
m-Xylene & p-Xylene			50.0	50.2		ug/L		100	67 - 137	7	20
Methyl tert-butyl ether			50.0	42.5		ug/L		85	59 - 139	4	22
Methylene Chloride			50.0	43.5		ug/L		87	55 - 136	4	23
Naphthalene			50.0	46.1		ug/L		92	64 - 135	2	20
n-Butylbenzene			50.0	47.5		ug/L		95	70 - 136	1	20
N-Propylbenzene			50.0	48.2		ug/L		96	66 - 142	3	20
o-Xylene			50.0	50.8		ug/L		102	68 - 136	4	20
4-Isopropyltoluene			50.0	52.8		ug/L		106	67 - 138	2	20
sec-Butylbenzene			50.0	54.7		ug/L		109	66 - 135	0	20
Styrene			50.0	45.9		ug/L		92	69 - 135	8	20
tert-Butylbenzene			50.0	46.7		ug/L		93	64 - 135	1	20
Tetrachloroethene			50.0	47.8		ug/L		96	63 - 131	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-289135/4
Matrix: Water
Analysis Batch: 289135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			50.0	41.4		ug/L		83	71 - 123	4	20
trans-1,2-Dichloroethene			50.0	42.3		ug/L		85	65 - 132	2	20
trans-1,3-Dichloropropene			50.0	40.0		ug/L		80	66 - 136	2	20
Trichloroethene			50.0	44.7		ug/L		89	67 - 130	6	20
Trichlorofluoromethane			50.0	52.4		ug/L		105	62 - 147	7	22
Vinyl acetate			50.0	38.5		ug/L		77	51 - 150	5	29
Vinyl chloride			50.0	45.6		ug/L		91	80 - 120	8	27

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 550-193492-2 MS
Matrix: Water
Analysis Batch: 289135

Client Sample ID: RDP-02_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		50.0	48.7		ug/L		97	62 - 139
1,1,1-Trichloroethane	ND		50.0	46.3		ug/L		93	57 - 143
1,1,2,2-Tetrachloroethane	ND		50.0	44.4		ug/L		89	52 - 150
1,1,2-Trichloroethane	ND		50.0	43.8		ug/L		88	62 - 137
1,1-Dichloroethane	ND		50.0	43.1		ug/L		86	58 - 145
1,1-Dichloroethene	ND		50.0	44.2		ug/L		88	50 - 150
1,1-Dichloropropene	ND		50.0	42.0		ug/L		84	50 - 142
1,2,3-Trichlorobenzene	ND		50.0	49.4		ug/L		99	52 - 144
1,2,3-Trichloropropane	ND		50.0	46.1		ug/L		92	59 - 138
1,2,4-Trichlorobenzene	ND		50.0	49.6		ug/L		99	54 - 140
1,2,4-Trimethylbenzene	ND		50.0	47.4		ug/L		95	41 - 150
1,2-Dibromo-3-Chloropropane	ND		50.0	42.7		ug/L		85	41 - 149
1,2-Dibromoethane	ND		50.0	42.0		ug/L		84	67 - 136
1,2-Dichlorobenzene	ND		50.0	45.4		ug/L		91	64 - 132
1,2-Dichloroethane	ND		50.0	42.1		ug/L		84	47 - 146
1,2-Dichloropropane	ND	*-	50.0	40.9		ug/L		82	59 - 140
1,3,5-Trimethylbenzene	ND		50.0	50.1		ug/L		100	34 - 150
1,3-Dichlorobenzene	ND		50.0	43.4		ug/L		87	67 - 130
1,3-Dichloropropane	ND		50.0	42.9		ug/L		86	65 - 140
1,4-Dichlorobenzene	ND		50.0	42.9		ug/L		86	67 - 128
2,2-Dichloropropane	ND		50.0	46.9		ug/L		94	54 - 150
2-Butanone (MEK)	ND		50.0	37.8		ug/L		76	10 - 150
Methyl n-butyl ketone (MNBK)	ND		50.0	34.1		ug/L		68	37 - 150
4-Chlorotoluene	ND		50.0	41.5		ug/L		83	63 - 141
4-Methyl-2-pentanone (MIBK)	ND		50.0	40.3		ug/L		81	41 - 150
Acetone	ND		50.0	37.2		ug/L		74	10 - 150
Benzene	ND		50.0	38.6		ug/L		77	54 - 142
Bromobenzene	ND		50.0	46.1		ug/L		92	67 - 132
Chlorobromomethane	ND		50.0	49.0		ug/L		98	55 - 147
Dichlorobromomethane	ND		50.0	40.6		ug/L		81	61 - 143

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193492-2 MS
Matrix: Water
Analysis Batch: 289135

Client Sample ID: RDP-02_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	ND		50.0	40.8		ug/L		82	57 - 148
Bromomethane	ND		50.0	54.6		ug/L		109	56 - 149
Carbon disulfide	ND		50.0	45.5		ug/L		91	23 - 150
Carbon tetrachloride	ND		50.0	43.7		ug/L		87	51 - 143
Chlorobenzene	ND		50.0	42.9		ug/L		86	69 - 129
Chloroethane	ND		50.0	49.4		ug/L		99	41 - 150
Chloroform	ND		50.0	43.3		ug/L		87	60 - 148
Chloromethane	ND		50.0	39.4		ug/L		79	29 - 150
cis-1,2-Dichloroethene	3.0		50.0	44.0		ug/L		82	57 - 139
cis-1,3-Dichloropropene	ND		50.0	41.5		ug/L		83	57 - 145
Chlorodibromomethane	ND		50.0	45.1		ug/L		90	61 - 143
Dibromomethane	ND		50.0	41.1		ug/L		82	56 - 148
Dichlorodifluoromethane	ND		50.0	39.7		ug/L		79	20 - 150
Ethylbenzene	ND		50.0	41.1		ug/L		82	46 - 149
Freon 113	ND		50.0	50.5		ug/L		101	10 - 150
Hexachlorobutadiene	ND		50.0	49.2		ug/L		98	48 - 146
Isopropylbenzene	ND		50.0	50.6		ug/L		101	56 - 146
m-Xylene & p-Xylene	ND		50.0	47.4		ug/L		95	47 - 150
Methyl tert-butyl ether	ND		50.0	51.3		ug/L		103	51 - 150
Methylene Chloride	ND		50.0	49.9		ug/L		100	43 - 150
Naphthalene	2.2	J	50.0	45.7		ug/L		87	32 - 150
n-Butylbenzene	ND		50.0	43.8		ug/L		88	54 - 146
N-Propylbenzene	ND		50.0	44.4		ug/L		89	54 - 150
o-Xylene	ND		50.0	50.5		ug/L		101	52 - 150
4-Isopropyltoluene	ND		50.0	50.2		ug/L		100	53 - 147
sec-Butylbenzene	ND		50.0	51.3		ug/L		103	54 - 145
Styrene	ND		50.0	44.6		ug/L		89	20 - 150
tert-Butylbenzene	ND		50.0	44.0		ug/L		88	57 - 143
Tetrachloroethene	ND		50.0	44.5		ug/L		89	37 - 150
Toluene	ND		50.0	41.9		ug/L		84	54 - 141
trans-1,2-Dichloroethene	1.3	J	50.0	45.6		ug/L		89	58 - 140
trans-1,3-Dichloropropene	ND		50.0	41.7		ug/L		83	57 - 147
Trichloroethene	ND		50.0	42.6		ug/L		85	58 - 134
Trichlorofluoromethane	ND		50.0	49.6		ug/L		99	46 - 150
Vinyl acetate	ND		50.0	42.0		ug/L		84	10 - 150
Vinyl chloride	ND		50.0	43.9		ug/L		88	29 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*84*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 550-193492-2 MSD
Matrix: Water
Analysis Batch: 289135

Client Sample ID: RDP-02_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	42.5		ug/L		85	62 - 139	13	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193492-2 MSD
Client Sample ID: RDP-02_11-2022
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 289135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		50.0	41.5		ug/L		83	57 - 143	11	35
1,1,2,2-Tetrachloroethane	ND		50.0	42.3		ug/L		85	52 - 150	5	35
1,1,2-Trichloroethane	ND		50.0	42.8		ug/L		86	62 - 137	2	35
1,1-Dichloroethane	ND		50.0	40.6		ug/L		81	58 - 145	6	35
1,1-Dichloroethene	ND		50.0	40.2		ug/L		80	50 - 150	10	35
1,1-Dichloropropene	ND		50.0	38.7		ug/L		77	50 - 142	8	35
1,2,3-Trichlorobenzene	ND		50.0	48.4		ug/L		97	52 - 144	2	35
1,2,3-Trichloropropane	ND		50.0	44.5		ug/L		89	59 - 138	4	35
1,2,4-Trichlorobenzene	ND		50.0	45.9		ug/L		92	54 - 140	8	35
1,2,4-Trimethylbenzene	ND		50.0	44.8		ug/L		90	41 - 150	6	35
1,2-Dibromo-3-Chloropropane	ND		50.0	40.4		ug/L		81	41 - 149	6	35
1,2-Dibromoethane	ND		50.0	42.8		ug/L		86	67 - 136	2	35
1,2-Dichlorobenzene	ND		50.0	44.1		ug/L		88	64 - 132	3	35
1,2-Dichloroethane	ND		50.0	40.1		ug/L		80	47 - 146	5	35
1,2-Dichloropropane	ND	*-	50.0	38.3		ug/L		77	59 - 140	7	35
1,3,5-Trimethylbenzene	ND		50.0	46.8		ug/L		94	34 - 150	7	35
1,3-Dichlorobenzene	ND		50.0	42.7		ug/L		85	67 - 130	2	35
1,3-Dichloropropane	ND		50.0	42.9		ug/L		86	65 - 140	0	35
1,4-Dichlorobenzene	ND		50.0	43.2		ug/L		86	67 - 128	1	35
2,2-Dichloropropane	ND		50.0	42.0		ug/L		84	54 - 150	11	35
2-Butanone (MEK)	ND		50.0	37.9		ug/L		76	10 - 150	0	35
Methyl n-butyl ketone (MNBK)	ND		50.0	32.8		ug/L		66	37 - 150	4	35
4-Chlorotoluene	ND		50.0	41.7		ug/L		83	63 - 141	0	35
4-Methyl-2-pentanone (MIBK)	ND		50.0	35.6		ug/L		71	41 - 150	13	35
Acetone	ND		50.0	32.5		ug/L		65	10 - 150	13	35
Benzene	ND		50.0	35.8		ug/L		72	54 - 142	8	35
Bromobenzene	ND		50.0	47.5		ug/L		95	67 - 132	3	35
Chlorobromomethane	ND		50.0	46.3		ug/L		93	55 - 147	6	35
Dichlorobromomethane	ND		50.0	38.5		ug/L		77	61 - 143	5	35
Bromoform	ND		50.0	42.9		ug/L		86	57 - 148	5	35
Bromomethane	ND		50.0	49.0		ug/L		98	56 - 149	11	35
Carbon disulfide	ND		50.0	40.5		ug/L		81	23 - 150	12	35
Carbon tetrachloride	ND		50.0	37.2		ug/L		74	51 - 143	16	35
Chlorobenzene	ND		50.0	42.1		ug/L		84	69 - 129	2	35
Chloroethane	ND		50.0	44.3		ug/L		89	41 - 150	11	35
Chloroform	ND		50.0	41.6		ug/L		83	60 - 148	4	35
Chloromethane	ND		50.0	35.5		ug/L		71	29 - 150	10	35
cis-1,2-Dichloroethene	3.0		50.0	39.4		ug/L		73	57 - 139	11	35
cis-1,3-Dichloropropene	ND		50.0	42.3		ug/L		85	57 - 145	2	35
Chlorodibromomethane	ND		50.0	43.9		ug/L		88	61 - 143	3	35
Dibromomethane	ND		50.0	40.8		ug/L		82	56 - 148	1	35
Dichlorodifluoromethane	ND		50.0	38.2		ug/L		76	20 - 150	4	35
Ethylbenzene	ND		50.0	38.5		ug/L		77	46 - 149	6	35
Freon 113	ND		50.0	45.0		ug/L		90	10 - 150	12	35
Hexachlorobutadiene	ND		50.0	47.5		ug/L		95	48 - 146	3	35
Isopropylbenzene	ND		50.0	46.3		ug/L		93	56 - 146	9	35
m-Xylene & p-Xylene	ND		50.0	46.5		ug/L		93	47 - 150	2	35
Methyl tert-butyl ether	ND		50.0	46.5		ug/L		93	51 - 150	10	35
Methylene Chloride	ND		50.0	45.5		ug/L		91	43 - 150	9	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-193492-2 MSD
Matrix: Water
Analysis Batch: 289135

Client Sample ID: RDP-02_11-2022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	2.2	J	50.0	44.9		ug/L		85	32 - 150	2	35
n-Butylbenzene	ND		50.0	40.3		ug/L		81	54 - 146	9	35
N-Propylbenzene	ND		50.0	42.4		ug/L		85	54 - 150	5	35
o-Xylene	ND		50.0	47.7		ug/L		95	52 - 150	6	35
4-Isopropyltoluene	ND		50.0	46.3		ug/L		93	53 - 147	8	35
sec-Butylbenzene	ND		50.0	46.9		ug/L		94	54 - 145	9	35
Styrene	ND		50.0	45.5		ug/L		91	20 - 150	2	35
tert-Butylbenzene	ND		50.0	41.3		ug/L		83	57 - 143	6	35
Tetrachloroethene	ND		50.0	42.0		ug/L		84	37 - 150	6	35
Toluene	ND		50.0	39.9		ug/L		80	54 - 141	5	35
trans-1,2-Dichloroethene	1.3	J	50.0	42.2		ug/L		82	58 - 140	8	35
trans-1,3-Dichloropropene	ND		50.0	43.5		ug/L		87	57 - 147	4	35
Trichloroethene	ND		50.0	40.5		ug/L		81	58 - 134	5	35
Trichlorofluoromethane	ND		50.0	45.3		ug/L		91	46 - 150	9	35
Vinyl acetate	ND		50.0	45.4		ug/L		91	10 - 150	8	35
Vinyl chloride	ND		50.0	39.6		ug/L		79	29 - 150	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*82*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 550-193492-1
Project/Site: NRAP

GC/MS VOA

Analysis Batch: 288554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193492-10	TB-06_11-2022	Total/NA	Water	8260B	
MB 550-288554/6	Method Blank	Total/NA	Water	8260B	
LCS 550-288554/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-288554/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 289041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193492-9	EB-03_11-2022	Total/NA	Water	8260B	
MB 550-289041/6	Method Blank	Total/NA	Water	8260B	
LCS 550-289041/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-289041/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 289135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193492-1	RDP-01_11-2022	Total/NA	Water	8260B	
550-193492-2	RDP-02_11-2022	Total/NA	Water	8260B	
550-193492-3	RDP-03_11-2022	Total/NA	Water	8260B	
550-193492-4	R-05_11-2022	Total/NA	Water	8260B	
550-193492-5	R-06_S2_11-2022	Total/NA	Water	8260B	
550-193492-6	R-14_11-2022	Total/NA	Water	8260B	
550-193492-7	BC-7S_11-2022	Total/NA	Water	8260B	
550-193492-8	BC-7D_11-2022	Total/NA	Water	8260B	
550-193492-11	R-16_11-2022	Total/NA	Water	8260B	
MB 550-289135/6	Method Blank	Total/NA	Water	8260B	
LCS 550-289135/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-289135/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-193492-2 MS	RDP-02_11-2022	Total/NA	Water	8260B	
550-193492-2 MSD	RDP-02_11-2022	Total/NA	Water	8260B	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Client Sample ID: RDP-01_11-2022
Date Collected: 11/09/22 11:11
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 15:39

Client Sample ID: RDP-02_11-2022
Date Collected: 11/09/22 11:34
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 15:17

Client Sample ID: RDP-03_11-2022
Date Collected: 11/09/22 11:57
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 16:23

Client Sample ID: R-05_11-2022
Date Collected: 11/09/22 10:17
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 16:44

Client Sample ID: R-06_S2_11-2022
Date Collected: 11/09/22 12:13
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 17:05

Client Sample ID: R-14_11-2022
Date Collected: 11/09/22 10:27
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 17:27

Client Sample ID: BC-7S_11-2022
Date Collected: 11/09/22 11:15
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 17:49

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Client Sample ID: BC-7D_11-2022
Date Collected: 11/09/22 11:20
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 18:10

Client Sample ID: EB-03_11-2022
Date Collected: 11/08/22 14:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289041	R1K	EET PHX	11/18/22 23:43

Client Sample ID: TB-06_11-2022
Date Collected: 11/02/22 16:13
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	288554	R1K	EET PHX	11/14/22 11:55

Client Sample ID: R-16_11-2022
Date Collected: 11/09/22 10:37
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193492-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	289135	R1K	EET PHX	11/21/22 18:32

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193492-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193492-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PHX
5030B	Purge and Trap	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193492-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193492-1	RDP-01_11-2022	Water	11/09/22 11:11	11/10/22 10:30
550-193492-2	RDP-02_11-2022	Water	11/09/22 11:34	11/10/22 10:30
550-193492-3	RDP-03_11-2022	Water	11/09/22 11:57	11/10/22 10:30
550-193492-4	R-05_11-2022	Water	11/09/22 10:17	11/10/22 10:30
550-193492-5	R-06_S2_11-2022	Water	11/09/22 12:13	11/10/22 10:30
550-193492-6	R-14_11-2022	Water	11/09/22 10:27	11/10/22 10:30
550-193492-7	BC-7S_11-2022	Water	11/09/22 11:15	11/10/22 10:30
550-193492-8	BC-7D_11-2022	Water	11/09/22 11:20	11/10/22 10:30
550-193492-9	EB-03_11-2022	Water	11/08/22 14:05	11/10/22 10:30
550-193492-10	TB-06_11-2022	Water	11/02/22 16:13	11/10/22 10:30
550-193492-11	R-16_11-2022	Water	11/09/22 10:37	11/10/22 10:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD1 550-287854/4 IC Client Sample ID:

Date Analyzed: 11/03/22 20:12 Lab File ID: 11032230.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.69	Split Peak	DOM1	11/04/22 10:40
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 10:40
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:40
Bromomethane	2.41	Split Peak	DOM1	11/04/22 10:41

Lab Sample ID: STD2 550-287854/5 IC Client Sample ID:

Date Analyzed: 11/03/22 20:33 Lab File ID: 11032231.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.71	Split Peak	DOM1	11/04/22 10:38
Dichlorodifluoromethane	1.74	Split Peak	DOM1	11/04/22 10:38
Chloromethane	1.99	Split Peak	DOM1	11/04/22 10:38
Vinyl chloride	2.06	Split Peak	DOM1	11/04/22 10:39
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:39
Ethanol	3.10	Split Peak	DOM1	11/04/22 10:39
2-Butanone (MEK)	6.10	Peak assignment corrected	DOM1	11/04/22 10:47

Lab Sample ID: STD3 550-287854/6 IC Client Sample ID:

Date Analyzed: 11/03/22 20:54 Lab File ID: 11032232.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 10:36
Dichlorodifluoromethane	1.75	Split Peak	DOM1	11/04/22 10:38
Chloromethane	2.00	Split Peak	DOM1	11/04/22 10:37
Bromomethane	2.42	Split Peak	DOM1	11/04/22 10:36
Ethanol	3.06	Split Peak	DOM1	11/04/22 10:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 287854

Lab Sample ID: STD8 550-287854/11 IC Client Sample ID:

Date Analyzed: 11/03/22 22:39 Lab File ID: 11032237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	11.04	Peak assignment corrected	DOM1	11/04/22 10:32

Lab Sample ID: ICV 550-287854/15 Client Sample ID:

Date Analyzed: 11/04/22 00:03 Lab File ID: 11032241.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.70	Split Peak	DOM1	11/04/22 11:08
Dichlorodifluoromethane	1.73	Split Peak	DOM1	11/04/22 11:03
Chloromethane	2.00	Split Peak	DOM1	11/04/22 11:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 288554

Lab Sample ID: LCS 550-288554/3 Client Sample ID:

Date Analyzed: 11/14/22 09:49 Lab File ID: 11142203.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	7.33	Invalid Compound ID	kandeer	11/15/22 10:12

Lab Sample ID: MB 550-288554/6 Client Sample ID:

Date Analyzed: 11/14/22 10:52 Lab File ID: 11142206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	kandeer	11/15/22 10:44

Lab Sample ID: 550-193492-10 Client Sample ID: TB-06_11-2022

Date Analyzed: 11/14/22 11:55 Lab File ID: 11142209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/15/22 10:54
Bromomethane		Invalid Compound ID	kandeer	11/15/22 10:53

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Analysis Batch Number: 289041

Lab Sample ID: MB 550-289041/6 Client Sample ID:

Date Analyzed: 11/18/22 23:22 Lab File ID: 11182237.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 17:02
Bromomethane		Invalid Compound ID	kandeer	11/20/22 17:01
Vinyl acetate		Invalid Compound ID	kandeer	11/20/22 17:02

Lab Sample ID: 550-193492-9 Client Sample ID: EB-03_11-2022

Date Analyzed: 11/18/22 23:43 Lab File ID: 11182238.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane		Invalid Compound ID	kandeer	11/20/22 17:03
Bromomethane		Invalid Compound ID	kandeer	11/20/22 17:02
Chloromethane		Invalid Compound ID	kandeer	11/20/22 17:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: STD1 550-288994/4 IC Client Sample ID:

Date Analyzed: 11/18/22 11:07 Lab File ID: 11182204.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	2.55	Peak assignment corrected	DOM1	11/18/22 14:41
Iodomethane	3.70	Peak assignment corrected	DOM1	11/18/22 14:41
Hexane	5.15	Peak assignment corrected	DOM1	11/18/22 14:42
Isopropyl ether	5.43	Peak assignment corrected	DOM1	11/18/22 14:42
Chloroform	6.49	Peak assignment corrected	DOM1	11/18/22 14:42
Dibromofluoromethane (Surr)	6.65	Peak assignment corrected	DOM1	11/18/22 14:41
1,2-Dichloroethane	7.08	Peak assignment corrected	DOM1	11/18/22 14:42
Dibromomethane	7.99	Peak assignment corrected	DOM1	11/18/22 14:43
cis-1,3-Dichloropropene	8.53	Peak assignment corrected	DOM1	11/18/22 14:43
1,1,2-Trichloroethane	9.18	Peak assignment corrected	DOM1	11/18/22 14:43
1,3-Dichloropropane	9.31	Peak assignment corrected	DOM1	11/18/22 14:43
Bromoform	10.65	Peak assignment corrected	DOM1	11/18/22 14:43
1,1,2,2-Tetrachloroethane	11.00	Peak assignment corrected	DOM1	11/18/22 14:43

Lab Sample ID: STD2 550-288994/5 IC Client Sample ID:

Date Analyzed: 11/18/22 11:29 Lab File ID: 11182205.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.76	Split Peak	DOM1	11/18/22 14:53
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:53
Ethanol	3.04	Split Peak	DOM1	11/18/22 14:53
Tetrahydrofuran	6.36	Split Peak	DOM1	11/18/22 14:54
Dibromofluoromethane (Surr)	6.65	Peak assignment corrected	DOM1	11/18/22 14:53
2-Chloroethyl vinyl ether	8.40	Split Peak	DOM1	11/18/22 14:54
4-Methyl-2-pentanone (MIBK)	8.65	Split Peak	DOM1	11/18/22 14:54
1,1,2,2-Tetrachloroethane	11.00	Split Peak	DOM1	11/18/22 14:55
1,2,3-Trichloropropane	11.04	Split Peak	DOM1	11/18/22 14:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: STD3 550-288994/6 IC Client Sample ID:

Date Analyzed: 11/18/22 11:51 Lab File ID: 11182206.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Split Peak	DOM1	11/18/22 14:51
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:51
2-Chloroethyl vinyl ether	8.40	Split Peak	DOM1	11/18/22 14:52
Methyl n-butyl ketone (MNBK)	9.35	Split Peak	DOM1	11/18/22 14:52
trans-1,4-Dichloro-2-butene	11.02	Split Peak	DOM1	11/18/22 14:52

Lab Sample ID: STD4 550-288994/7 IC Client Sample ID:

Date Analyzed: 11/18/22 12:13 Lab File ID: 11182207.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:50
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:50

Lab Sample ID: STD5 550-288994/8 IC Client Sample ID:

Date Analyzed: 11/18/22 12:34 Lab File ID: 11182208.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.46	Split Peak	DOM1	11/18/22 14:58
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:49
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:49

Lab Sample ID: STD6 550-288994/9 IC Client Sample ID:

Date Analyzed: 11/18/22 12:56 Lab File ID: 11182209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:48
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 288994

Lab Sample ID: ICIS 550-288994/10 Client Sample ID:

Date Analyzed: 11/18/22 13:18 Lab File ID: 11182210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Split Peak	DOM1	11/18/22 14:44
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:44

Lab Sample ID: STD8 550-288994/11 IC Client Sample ID:

Date Analyzed: 11/18/22 13:40 Lab File ID: 11182211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Split Peak	DOM1	11/18/22 14:45
Ethanol	3.05	Split Peak	DOM1	11/18/22 14:46

Lab Sample ID: STD9 550-288994/12 IC Client Sample ID:

Date Analyzed: 11/18/22 14:01 Lab File ID: 11182212.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.82	Split Peak	DOM1	11/18/22 14:46
Ethanol	3.06	Split Peak	DOM1	11/18/22 14:47

Lab Sample ID: ICV 550-288994/17 Client Sample ID:

Date Analyzed: 11/18/22 16:14 Lab File ID: 11182217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.82	Split Peak	DOM1	11/18/22 17:04
Ethanol	3.05	Split Peak	DOM1	11/18/22 17:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 289135

Lab Sample ID: CCVIS 550-289135/2 Client Sample ID:

Date Analyzed: 11/21/22 12:45 Lab File ID: 11212209.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.76	Incomplete Integration	NWW4	11/21/22 13:14
Trichlorofluoromethane	2.82	Incomplete Integration	NWW4	11/21/22 13:15
Ethanol	3.05	Incomplete Integration	kandeer	11/22/22 10:20

Lab Sample ID: LCS 550-289135/3 Client Sample ID:

Date Analyzed: 11/21/22 13:06 Lab File ID: 11212210.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Incomplete Integration	NWW4	11/21/22 13:44

Lab Sample ID: LCSD 550-289135/4 Client Sample ID:

Date Analyzed: 11/21/22 13:28 Lab File ID: 11212211.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Incomplete Integration	kandeer	11/22/22 10:25

Lab Sample ID: 550-193492-2 MS Client Sample ID: RDP-02_11-2022 MS

Date Analyzed: 11/21/22 14:34 Lab File ID: 11212214.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.84	Incomplete Integration	kandeer	11/22/22 10:27

Lab Sample ID: 550-193492-2 MSD Client Sample ID: RDP-02_11-2022 MSD

Date Analyzed: 11/21/22 14:56 Lab File ID: 11212215.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.83	Incomplete Integration	kandeer	11/22/22 10:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Analysis Batch Number: 289135

Lab Sample ID: 550-193492-2 Client Sample ID: RDP-02_11-2022

Date Analyzed: 11/21/22 15:17 Lab File ID: 11212216.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane		Invalid Compound ID	kandeer	11/22/22 10:30
4-Chlorotoluene		Invalid Compound ID	kandeer	11/22/22 10:30

Lab Sample ID: 550-193492-1 Client Sample ID: RDP-01_11-2022

Date Analyzed: 11/21/22 15:39 Lab File ID: 11212217.D GC Column: Rxi-624Sil ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane		Invalid Compound ID	kandeer	11/22/22 10:31

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_2.5ppmPS_00800	11/09/22	11/03/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00893	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_2.5ppmPS_00803	11/23/22	11/16/22	Methanol, Lot 2656228	1 mL	MV_50ppmPS_00896	50 uL	1,1,1,2-Tetrachloroethane	2.5 ppm
							1,1,1-Trichloroethane	2.5 ppm
							1,1,2,2-Tetrachloroethane	2.5 ppm
							1,1,2-Trichloroethane	2.5 ppm
							1,1-Dichloroethane	2.5 ppm
							1,1-Dichloroethene	2.5 ppm
							1,1-Dichloropropene	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2.5 ppm
							1,2,3-Trichloropropane	2.5 ppm
							1,2,4-Trichlorobenzene	2.5 ppm
							1,2,4-Trimethylbenzene	2.5 ppm
							1,2-Dibromo-3-Chloropropane	2.5 ppm
							1,2-Dibromoethane	2.5 ppm
							1,2-Dichlorobenzene	2.5 ppm
							1,2-Dichloroethane	2.5 ppm
							1,2-Dichloropropane	2.5 ppm
							1,3,5-Trimethylbenzene	2.5 ppm
							1,3-Dichlorobenzene	2.5 ppm
							1,3-Dichloropropane	2.5 ppm
							1,4-Dichlorobenzene	2.5 ppm
							2,2-Dichloropropane	2.5 ppm
							2-Chlorotoluene	2.5 ppm
							4-Chlorotoluene	2.5 ppm
							4-Isopropyltoluene	2.5 ppm
							Benzene	2.5 ppm
							Bromobenzene	2.5 ppm
							Bromoform	2.5 ppm
							Carbon tetrachloride	2.5 ppm
							Chlorobenzene	2.5 ppm
							Chlorobromomethane	2.5 ppm
							Chlorodibromomethane	2.5 ppm
							Chloroform	2.5 ppm
							cis-1,2-Dichloroethene	2.5 ppm
							cis-1,3-Dichloropropene	2.5 ppm
							Dibromomethane	2.5 ppm
							Dichlorobromomethane	2.5 ppm
							Ethylbenzene	2.5 ppm
							Hexachlorobutadiene	2.5 ppm
							Isopropylbenzene	2.5 ppm
							m-Xylene & p-Xylene	2.5 ppm
							Methylene Chloride	2.5 ppm
							n-Butylbenzene	2.5 ppm
							N-Propylbenzene	2.5 ppm
							Naphthalene	2.5 ppm
							o-Xylene	2.5 ppm
							sec-Butylbenzene	2.5 ppm
							Styrene	2.5 ppm
							tert-Butylbenzene	2.5 ppm
							Tetrachloroethene	2.5 ppm
							Toluene	2.5 ppm
							trans-1,2-Dichloroethene	2.5 ppm
							trans-1,3-Dichloropropene	2.5 ppm
							Trichloroethene	2.5 ppm
							Freon 113	2.5 ppm
							Hexane	2.5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	2.5 ppm
							Methyl tert-butyl ether	2.5 ppm
							Tert-amyl methyl ether	2.5 ppm
							Tert-butyl ethyl ether	2.5 ppm
							Tetrahydrofuran	2.5 ppm
							trans-1,4-Dichloro-2-butene	2.5 ppm
							Bromomethane	2.5 ppm
							Butadiene	2.5 ppm
							Chloroethane	2.5 ppm
							Chloromethane	2.5 ppm
							Dichlorodifluoromethane	2.5 ppm
							Trichlorofluoromethane	2.5 ppm
							Vinyl chloride	2.5 ppm
							2-Butanone (MEK)	2.5 ppm
							2-Chloroethyl vinyl ether	2.5 ppm
							4-Methyl-2-pentanone (MIBK)	2.5 ppm
							Acetone	2.5 ppm
							Carbon disulfide	2.5 ppm
							Iodomethane	2.5 ppm
							Methyl n-butyl ketone (MNBK)	2.5 ppm
							Vinyl acetate	2.5 ppm
							Propene	2.5 ppm
.MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
..MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
..MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
..MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
..MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
..MV_PropenePS_00203	11/23/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00893	11/09/22	11/03/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					MV_Gases PS_00589	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00013	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00202	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00589	11/09/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00013	11/12/22	AccuStandard, Lot 222071021			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00202	11/12/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_50ppmPS_00895	11/16/22	11/09/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_Gases PS_00590	40 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_Gases PS_00590	11/16/22	RESTEK, Lot A0184726			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
MV_50ppmPS_00896	11/23/22	11/16/22	Methanol, Lot 2656228	2 mL	MV_54CompPS_00077	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_CustomPS_00069	50 uL	Freon 113	50 ug/mL
							Hexane	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MV_Gases PS_00591	40 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
					MV_Intadds_00015	50 uL	2-Butanone (MEK)	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_PropenePS_00203	100 uL	Propene	50 ug/mL
.MV_54CompPS_00077	04/12/25		Absolute, Lot 041222		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 mg/L
							1,1,1-Trichloroethane	2000 mg/L
							1,1,2,2-Tetrachloroethane	2000 mg/L
							1,1,2-Trichloroethane	2000 mg/L
							1,1-Dichloroethane	2000 mg/L
							1,1-Dichloroethene	2000 mg/L
							1,1-Dichloropropene	2000 mg/L
							1,2,3-Trichlorobenzene	2000 mg/L
							1,2,3-Trichloropropane	2000 mg/L
							1,2,4-Trichlorobenzene	2000 mg/L
							1,2,4-Trimethylbenzene	2000 mg/L
							1,2-Dibromo-3-Chloropropane	2000 mg/L
							1,2-Dibromoethane	2000 mg/L
							1,2-Dichlorobenzene	2000 mg/L
							1,2-Dichloroethane	2000 mg/L
							1,2-Dichloropropane	2000 mg/L
							1,3,5-Trimethylbenzene	2000 mg/L
							1,3-Dichlorobenzene	2000 mg/L
							1,3-Dichloropropane	2000 mg/L
							1,4-Dichlorobenzene	2000 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2000 mg/L
							4-Chlorotoluene	2000 mg/L
							4-Isopropyltoluene	2000 mg/L
							Benzene	2000 mg/L
							Bromobenzene	2000 mg/L
							Bromoform	2000 mg/L
							Carbon tetrachloride	2000 mg/L
							Chlorobenzene	2000 mg/L
							Chlorobromomethane	2000 mg/L
							Chlorodibromomethane	2000 mg/L
							Chloroform	2000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2000 mg/L
							cis-1,3-Dichloropropene	2000 mg/L
							Dibromomethane	2000 mg/L
							Dichlorobromomethane	2000 mg/L
							Ethylbenzene	2000 mg/L
							Hexachlorobutadiene	2000 mg/L
							Isopropylbenzene	2000 mg/L
							m-Xylene & p-Xylene	2000 mg/L
							Methylene Chloride	2000 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2000 mg/L
							o-Xylene	2000 mg/L
							sec-Butylbenzene	2000 mg/L
							Styrene	2000 mg/L
							tert-Butylbenzene	2000 mg/L
							Tetrachloroethene	2000 mg/L
							Toluene	2000 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L
							Trichloroethene	2000 mg/L
.MV_CustomPS_00069	07/10/25	Absolute Standards, Lot 071020			(Purchased Reagent)		Freon 113	2000 mg/L
							Hexane	2000 mg/L
							Isopropyl ether	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
							Tert-amyl methyl ether	2000 mg/L
							Tert-butyl ethyl ether	2000 mg/L
							Tetrahydrofuran	2000 mg/L
							trans-1,4-Dichloro-2-butene	2000 mg/L
.MV_Gases PS_00591	11/23/22	RESTEK, Lot A0188946			(Purchased Reagent)		Bromomethane	2500 ppm
							Butadiene	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
.MV_Intadds_00015	01/29/23	AccuStandard, Lot 222091384			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Chloroethyl vinyl ether	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_PropenePS_00203	11/23/22	Restek, Lot A0181569			(Purchased Reagent)		Propene	1000 ug/mL
MV_BFB 25ppm_00150							Tentatively Identified Compound	
							Trihalomethanes, Total	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00151							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_BFB 25ppm_00152							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_00032	25 uL	BFB	25 ug/mL
.MV_BFB_00032	11/27/22		o2si, Lot 443055		(Purchased Reagent)		BFB	2000 ppm
MV_EtOH/TBA2_00221	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_EtOH/TBA2_00222	12/03/22	11/03/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOH/TBA2_00224	12/16/22	11/16/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
.MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
.MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00109	11/08/22	10/10/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00219	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MV_EtOH/TBA2_00219	11/08/22	10/08/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00045	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00045	02/15/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_EtOHbaby2_00110	12/09/22	11/09/22	Methanol, Lot 2647730	1 mL	MV_EtOH/TBA2_00223	100 uL	4-Bromofluorobenzene (Surr)	4 ug/mL
							Dibromofluoromethane (Surr)	4 ug/mL
							Toluene-d8 (Surr)	4 ug/mL
							Ethanol	100 ug/mL
							2-Methyl-2-propanol	25 ug/mL
.MV_EtOH/TBA2_00223	12/09/22	11/09/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	32 uL	4-Bromofluorobenzene (Surr)	40 ug/mL
							Dibromofluoromethane (Surr)	40 ug/mL
							Toluene-d8 (Surr)	40 ug/mL
					MV_etohPS_00046	100 uL	Ethanol	1000 ug/mL
					MV_TBA PS_00102	10 uL	2-Methyl-2-propanol	250 ug/mL
..MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
..MV_etohPS_00046	04/27/23		Absolute, Lot 111620		(Purchased Reagent)		Ethanol	20000 ppm
..MV_TBA PS_00102	04/04/23		Restek, Lot A0168291		(Purchased Reagent)		2-Methyl-2-propanol	50000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_IS_00126	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00061	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00126	02/15/23		Restek, Lot A0175533		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00061	11/27/22		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_IS/SRE_00163	11/27/22	10/04/22	Methanol, Lot 288059	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_IS_00127	40 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	20 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MV_IS/SRE_00165	11/27/22	10/27/22	Methanol, Lot 2647730	2 mL	MV_8260 Surr_00223	64 uL	4-Bromofluorobenzene (Surr)	80 ug/mL
							Dibromofluoromethane (Surr)	80 ug/mL
							Toluene-d8 (Surr)	80 ug/mL
.MV_8260 Surr_00223	03/20/23		Restek, Lot A0172587		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	2500 ppm
							Dibromofluoromethane (Surr)	2500 ppm
							Toluene-d8 (Surr)	2500 ppm
MV_ISRE_00322	12/27/22	10/27/22	Methanol, Lot 171415	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_ISRE_00324	12/15/22	11/15/22	Methanol, Lot 2647732	1 mL	MV_IS_00127	20 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
					MV_TBA-d9 IS_00062	10 uL	TBA-d9 (IS)	400 ug/mL
.MV_IS_00127	04/27/23		Restek, Lot A0180349		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
.MV_TBA-d9 IS_00062	04/27/23		o2si, Lot 454578		(Purchased Reagent)		TBA-d9 (IS)	40000 ppm
MV_Wk ICV_00440	11/12/22	10/29/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00105	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00128	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00346	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00105	12/23/22		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00128	11/12/22	AccuStandard, Lot 222071048			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23		absolute, Lot 072821		(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00346	11/12/22		Restek, Lot A0182212		(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm
MV_Wk ICV_00441	11/24/22	11/10/22	Methanol, Lot 2656228	1 mL	MV_54CompSS_00108	25 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
					MV_ADDVA_00130	25 uL	2-Butanone (MEK)	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Carbon disulfide	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl n-butyl ketone (MNBK)	50 ug/mL
							Vinyl acetate	50 ug/mL
					MV_CustomSS_00108	25 uL	Freon 113	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MV_GasesSS_00347	20 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MV_54CompSS_00108	05/10/23		absolute, Lot 041322		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ppm
							1,1,1-Trichloroethane	2000 ppm
							1,1,2,2-Tetrachloroethane	2000 ppm
							1,1,2-Trichloroethane	2000 ppm
							1,1-Dichloroethane	2000 ppm
							1,1-Dichloroethene	2000 ppm
							1,1-Dichloropropene	2000 ppm
							1,2,3-Trichlorobenzene	2000 ppm
							1,2,3-Trichloropropane	2000 ppm
							1,2,4-Trichlorobenzene	2000 ppm
							1,2,4-Trimethylbenzene	2000 ppm
							1,2-Dibromo-3-Chloropropane	2000 ppm
							1,2-Dibromoethane	2000 ppm
							1,2-Dichlorobenzene	2000 ppm
							1,2-Dichloroethane	2000 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2000 ppm
							1,3,5-Trimethylbenzene	2000 ppm
							1,3-Dichlorobenzene	2000 ppm
							1,3-Dichloropropane	2000 ppm
							1,4-Dichlorobenzene	2000 ppm
							2,2-Dichloropropane	2000 ppm
							4-Chlorotoluene	2000 ppm
							4-Isopropyltoluene	2000 ppm
							Benzene	2000 ppm
							Bromobenzene	2000 ppm
							Bromoform	2000 ppm
							Carbon tetrachloride	2000 ppm
							Chlorobenzene	2000 ppm
							Chlorobromomethane	2000 ppm
							Chlorodibromomethane	2000 ppm
							Chloroform	2000 ppm
							cis-1,2-Dichloroethene	2000 ppm
							cis-1,3-Dichloropropene	2000 ppm
							Dibromomethane	2000 ppm
							Dichlorobromomethane	2000 ppm
							Ethylbenzene	2000 ppm
							Hexachlorobutadiene	2000 ppm
							Isopropylbenzene	2000 ppm
							m-Xylene & p-Xylene	2000 ppm
							Methylene Chloride	2000 ppm
							n-Butylbenzene	2000 ppm
							N-Propylbenzene	2000 ppm
							Naphthalene	2000 ppm
							o-Xylene	2000 ppm
							sec-Butylbenzene	2000 ppm
							Styrene	2000 ppm
							tert-Butylbenzene	2000 ppm
							Tetrachloroethene	2000 ppm
							Toluene	2000 ppm
							trans-1,2-Dichloroethene	2000 ppm
							trans-1,3-Dichloropropene	2000 ppm
							Trichloroethene	2000 ppm
.MV_ADDVA_00130	01/29/23	AccuStandard, Lot 222091397			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methyl n-butyl ketone (MNBK)	2000 ug/mL
							Vinyl acetate	2000 ug/mL
.MV_CustomSS_00108	03/20/23	absolute, Lot 072821			(Purchased Reagent)		Freon 113	2000 mg/L
							Methyl tert-butyl ether	2000 mg/L
.MV_GasesSS_00347	11/24/22	Restek, Lot A0186584			(Purchased Reagent)		Bromomethane	2500 ppm
							Chloroethane	2500 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	2500 ppm
							Dichlorodifluoromethane	2500 ppm
							Trichlorofluoromethane	2500 ppm
							Vinyl chloride	2500 ppm

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rxi-624Sil ID: 0.25(mm) GC Column (2):

Client Sample ID	Lab Sample ID	DBFM #	DBFM #	TOL #	TOL #	BFB #	BFB #
RDP-01_11-2022	550-193492-1	96		81		76	
RDP-02_11-2022	550-193492-2	92		82		76	
RDP-03_11-2022	550-193492-3	95		82		76	
R-05_11-2022	550-193492-4	97		82		76	
R-06_S2_11-2022	550-193492-5	99		83		73	
R-14_11-2022	550-193492-6	97		83		75	
BC-7S_11-2022	550-193492-7	99		83		74	
BC-7D_11-2022	550-193492-8	96		83		75	
EB-03_11-2022	550-193492-9		89		87		79
TB-06_11-2022	550-193492-10		94		87		79
R-16_11-2022	550-193492-11	96		86		72	
	MB 550-288554/6		92		90		78
	MB 550-289041/6		87		90		81
	MB 550-289135/6	94		89		77	
	LCS 550-288554/3		91		87		82
	LCS 550-289041/1002		93		88		83
	LCS 550-289135/3	88		88		85	
	LCSD 550-288554/4		93		87		83
	LCSD 550-289041/4		94		90		84
	LCSD 550-289135/4	88		86		88	
RDP-02_11-2022 MS	550-193492-2 MS	94		84		86	
RDP-02_11-2022 MSD	550-193492-2 MSD	92		82		90	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	68-133	
1,1,1-Trichloroethane	50.0	49.6	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	44.7	89	60-135	
1,1,2-Trichloroethane	50.0	44.8	90	69-130	
1,1-Dichloroethane	50.0	51.2	102	65-132	
1,1-Dichloroethene	50.0	50.4	101	80-120	
1,1-Dichloropropene	50.0	47.1	94	63-130	
1,2,3-Trichlorobenzene	50.0	42.0	84	62-139	
1,2,3-Trichloropropane	50.0	42.5	85	67-130	
1,2,4-Trichlorobenzene	50.0	44.4	89	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	70-134	
1,2-Dibromo-3-Chloropropane	50.0	46.4	93	58-133	
1,2-Dibromoethane	50.0	45.9	92	70-130	
1,2-Dichlorobenzene	50.0	42.4	85	70-130	
1,2-Dichloroethane	50.0	44.2	88	54-135	
1,2-Dichloropropane	50.0	46.5	93	80-120	
1,3,5-Trimethylbenzene	50.0	44.7	89	70-139	
1,3-Dichlorobenzene	50.0	44.3	89	70-130	
1,3-Dichloropropane	50.0	45.5	91	69-130	
1,4-Dichlorobenzene	50.0	43.5	87	70-130	
2,2-Dichloropropane	50.0	53.5	107	60-148	
2-Butanone (MEK)	50.0	52.3	105	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.9	106	50-148	
4-Chlorotoluene	50.0	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	51.0	102	56-141	
Acetone	50.0	43.6	87	11-150	
Benzene	50.0	46.2	92	67-130	
Bromobenzene	50.0	42.4	85	70-130	
Chlorobromomethane	50.0	48.1	96	59-139	
Dichlorobromomethane	50.0	45.6	91	69-130	
Bromoform	50.0	38.3	77	67-140	
Bromomethane	50.0	56.7	113	10-150	
Carbon disulfide	50.0	58.4	117	36-150	
Carbon tetrachloride	50.0	46.3	93	60-134	
Chlorobenzene	50.0	44.0	88	70-130	
Chloroethane	50.0	57.0	114	57-150	
Chloroform	50.0	48.8	98	80-120	
Chloromethane	50.0	60.2	120	46-150	
cis-1,2-Dichloroethene	50.0	45.7	91	64-130	
cis-1,3-Dichloropropene	50.0	47.8	96	66-134	
Chlorodibromomethane	50.0	45.4	91	65-133	
Dibromomethane	50.0	44.8	90	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142203.D

Lab ID: LCS 550-288554/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.2	106	29-150	
Ethylbenzene	50.0	46.0	92	80-120	
Freon 113	50.0	52.4	105	37-150	
Hexachlorobutadiene	50.0	45.8	92	58-134	
Isopropylbenzene	50.0	46.1	92	70-139	
m-Xylene & p-Xylene	50.0	45.0	90	67-137	
Methyl tert-butyl ether	50.0	51.4	103	59-139	
Methylene Chloride	50.0	49.0	98	55-136	
Naphthalene	50.0	42.5	85	64-135	
n-Butylbenzene	50.0	48.3	97	70-136	
N-Propylbenzene	50.0	45.8	92	66-142	
o-Xylene	50.0	45.1	90	68-136	
4-Isopropyltoluene	50.0	47.0	94	67-138	
sec-Butylbenzene	50.0	46.4	93	66-135	
Styrene	50.0	44.3	89	69-135	
tert-Butylbenzene	50.0	45.7	91	64-135	
Tetrachloroethene	50.0	45.9	92	63-131	
Toluene	50.0	46.6	93	71-123	
trans-1,2-Dichloroethene	50.0	50.4	101	65-132	
trans-1,3-Dichloropropene	50.0	48.1	96	66-136	
Trichloroethene	50.0	46.2	92	67-130	
Trichlorofluoromethane	50.0	50.3	101	62-147	
Vinyl acetate	50.0	57.6	115	51-150	
Vinyl chloride	50.0	57.4	115	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182234-LCS.d

Lab ID: LCS 550-289041/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	41.2	82	68-133	
1,1,1-Trichloroethane	50.0	49.7	99	62-134	
1,1,2,2-Tetrachloroethane	50.0	41.3	83	60-135	
1,1,2-Trichloroethane	50.0	41.1	82	69-130	
1,1-Dichloroethane	50.0	49.0	98	65-132	
1,1-Dichloroethene	50.0	49.5	99	80-120	
1,1-Dichloropropene	50.0	45.6	91	63-130	
1,2,3-Trichlorobenzene	50.0	42.2	84	62-139	
1,2,3-Trichloropropane	50.0	41.5	83	67-130	
1,2,4-Trichlorobenzene	50.0	43.1	86	66-135	
1,2,4-Trimethylbenzene	50.0	43.6	87	70-134	
1,2-Dibromo-3-Chloropropane	50.0	45.8	92	58-133	
1,2-Dibromoethane	50.0	42.3	85	70-130	
1,2-Dichlorobenzene	50.0	40.9	82	70-130	
1,2-Dichloroethane	50.0	40.0	80	54-135	
1,2-Dichloropropane	50.0	42.8	86	80-120	
1,3,5-Trimethylbenzene	50.0	43.1	86	70-139	
1,3-Dichlorobenzene	50.0	42.0	84	70-130	
1,3-Dichloropropane	50.0	41.9	84	69-130	
1,4-Dichlorobenzene	50.0	41.5	83	70-130	
2,2-Dichloropropane	50.0	49.6	99	60-148	
2-Butanone (MEK)	50.0	55.0	110	50-150	
Methyl n-butyl ketone (MNBK)	50.0	51.8	104	50-148	
4-Chlorotoluene	50.0	43.0	86	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	47.5	95	56-141	
Acetone	50.0	57.7	115	11-150	
Benzene	50.0	43.8	88	67-130	
Bromobenzene	50.0	40.8	82	70-130	
Chlorobromomethane	50.0	45.6	91	59-139	
Dichlorobromomethane	50.0	41.9	84	69-130	
Bromoform	50.0	35.9	72	67-140	
Bromomethane	50.0	49.3	99	10-150	
Carbon disulfide	50.0	55.2	110	36-150	
Carbon tetrachloride	50.0	46.0	92	60-134	
Chlorobenzene	50.0	42.2	84	70-130	
Chloroethane	50.0	55.4	111	57-150	
Chloroform	50.0	46.4	93	80-120	
Chloromethane	50.0	44.1	88	46-150	
cis-1,2-Dichloroethene	50.0	43.6	87	64-130	
cis-1,3-Dichloropropene	50.0	42.9	86	66-134	
Chlorodibromomethane	50.0	42.1	84	65-133	
Dibromomethane	50.0	41.5	83	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: -11182234-LCS.d

Lab ID: LCS 550-289041/1002 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	45.1	90	29-150	
Ethylbenzene	50.0	44.4	89	80-120	
Freon 113	50.0	52.6	105	37-150	
Hexachlorobutadiene	50.0	49.7	99	58-134	
Isopropylbenzene	50.0	46.5	93	70-139	
m-Xylene & p-Xylene	50.0	44.3	89	67-137	
Methyl tert-butyl ether	50.0	45.4	91	59-139	
Methylene Chloride	50.0	48.1	96	55-136	
Naphthalene	50.0	43.2	86	64-135	
n-Butylbenzene	50.0	47.9	96	70-136	
N-Propylbenzene	50.0	46.1	92	66-142	
o-Xylene	50.0	43.4	87	68-136	
4-Isopropyltoluene	50.0	46.8	94	67-138	
sec-Butylbenzene	50.0	47.1	94	66-135	
Styrene	50.0	42.4	85	69-135	
tert-Butylbenzene	50.0	47.6	95	64-135	
Tetrachloroethene	50.0	45.2	90	63-131	
Toluene	50.0	43.9	88	71-123	
trans-1,2-Dichloroethene	50.0	49.3	99	65-132	
trans-1,3-Dichloropropene	50.0	43.3	87	66-136	
Trichloroethene	50.0	44.5	89	67-130	
Trichlorofluoromethane	50.0	52.8	106	62-147	
Vinyl acetate	50.0	47.9	96	51-150	
Vinyl chloride	50.0	58.4	117	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212210.D

Lab ID: LCS 550-289135/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	47.6	95	68-133	
1,1,1-Trichloroethane	50.0	47.0	94	62-134	
1,1,2,2-Tetrachloroethane	50.0	42.8	86	60-135	
1,1,2-Trichloroethane	50.0	41.6	83	69-130	
1,1-Dichloroethane	50.0	41.6	83	65-132	
1,1-Dichloroethene	50.0	47.4	95	80-120	
1,1-Dichloropropene	50.0	49.7	99	63-130	
1,2,3-Trichlorobenzene	50.0	48.6	97	62-139	
1,2,3-Trichloropropane	50.0	46.2	92	67-130	
1,2,4-Trichlorobenzene	50.0	46.5	93	66-135	
1,2,4-Trimethylbenzene	50.0	46.4	93	70-134	
1,2-Dibromo-3-Chloropropane	50.0	44.8	90	58-133	
1,2-Dibromoethane	50.0	40.9	82	70-130	
1,2-Dichlorobenzene	50.0	44.1	88	70-130	
1,2-Dichloroethane	50.0	42.4	85	54-135	
1,2-Dichloropropane	50.0	41.5	83	80-120	
1,3,5-Trimethylbenzene	50.0	49.9	100	70-139	
1,3-Dichlorobenzene	50.0	43.1	86	70-130	
1,3-Dichloropropane	50.0	40.8	82	69-130	
1,4-Dichlorobenzene	50.0	42.3	85	70-130	
2,2-Dichloropropane	50.0	47.0	94	60-148	
2-Butanone (MEK)	50.0	39.7	79	50-150	
Methyl n-butyl ketone (MNBK)	50.0	36.0	72	50-148	
4-Chlorotoluene	50.0	40.9	82	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	42.3	85	56-141	
Acetone	50.0	42.2	84	11-150	
Benzene	50.0	40.9	82	67-130	
Bromobenzene	50.0	44.5	89	70-130	
Chlorobromomethane	50.0	43.5	87	59-139	
Dichlorobromomethane	50.0	39.8	80	69-130	
Bromoform	50.0	39.5	79	67-140	
Bromomethane	50.0	54.2	108	10-150	
Carbon disulfide	50.0	46.9	94	36-150	
Carbon tetrachloride	50.0	50.7	101	60-134	
Chlorobenzene	50.0	42.5	85	70-130	
Chloroethane	50.0	51.6	103	57-150	
Chloroform	50.0	40.4	81	80-120	
Chloromethane	50.0	42.7	85	46-150	
cis-1,2-Dichloroethene	50.0	42.5	85	64-130	
cis-1,3-Dichloropropene	50.0	40.7	81	66-134	
Chlorodibromomethane	50.0	43.1	86	65-133	
Dibromomethane	50.0	42.5	85	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212210.D

Lab ID: LCS 550-289135/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	52.7	105	29-150	
Ethylbenzene	50.0	43.0	86	80-120	
Freon 113	50.0	56.1	112	37-150	
Hexachlorobutadiene	50.0	53.6	107	58-134	
Isopropylbenzene	50.0	52.3	105	70-139	
m-Xylene & p-Xylene	50.0	46.8	94	67-137	
Methyl tert-butyl ether	50.0	44.2	88	59-139	
Methylene Chloride	50.0	45.2	90	55-136	
Naphthalene	50.0	46.9	94	64-135	
n-Butylbenzene	50.0	47.0	94	70-136	
N-Propylbenzene	50.0	46.9	94	66-142	
o-Xylene	50.0	48.6	97	68-136	
4-Isopropyltoluene	50.0	52.0	104	67-138	
sec-Butylbenzene	50.0	54.5	109	66-135	
Styrene	50.0	42.4	85	69-135	
tert-Butylbenzene	50.0	46.0	92	64-135	
Tetrachloroethene	50.0	49.8	100	63-131	
Toluene	50.0	43.2	86	71-123	
trans-1,2-Dichloroethene	50.0	43.3	87	65-132	
trans-1,3-Dichloropropene	50.0	40.6	81	66-136	
Trichloroethene	50.0	47.3	95	67-130	
Trichlorofluoromethane	50.0	56.2	112	62-147	
Vinyl acetate	50.0	40.7	81	51-150	
Vinyl chloride	50.0	49.4	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	44.5	89	0	20	68-133	
1,1,1-Trichloroethane	50.0	50.3	101	1	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	46.9	94	5	20	60-135	
1,1,2-Trichloroethane	50.0	45.9	92	2	20	69-130	
1,1-Dichloroethane	50.0	51.3	103	0	20	65-132	
1,1-Dichloroethene	50.0	50.4	101	0	23	80-120	
1,1-Dichloropropene	50.0	47.6	95	1	20	63-130	
1,2,3-Trichlorobenzene	50.0	40.4	81	4	20	62-139	
1,2,3-Trichloropropane	50.0	45.4	91	7	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.6	85	4	20	66-135	
1,2,4-Trimethylbenzene	50.0	46.0	92	1	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	7	21	58-133	
1,2-Dibromoethane	50.0	47.1	94	3	20	70-130	
1,2-Dichlorobenzene	50.0	42.9	86	1	20	70-130	
1,2-Dichloroethane	50.0	44.8	90	1	20	54-135	
1,2-Dichloropropane	50.0	46.9	94	1	20	80-120	
1,3,5-Trimethylbenzene	50.0	46.1	92	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.4	89	0	20	70-130	
1,3-Dichloropropane	50.0	46.3	93	2	20	69-130	
1,4-Dichlorobenzene	50.0	44.4	89	2	20	70-130	
2,2-Dichloropropane	50.0	53.9	108	1	21	60-148	
2-Butanone (MEK)	50.0	59.0	118	12	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	59.1	118	11	29	50-148	
4-Chlorotoluene	50.0	45.7	91	1	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	55.9	112	9	23	56-141	
Acetone	50.0	49.7	99	13	35	11-150	
Benzene	50.0	46.1	92	0	20	67-130	
Bromobenzene	50.0	43.0	86	1	20	70-130	
Chlorobromomethane	50.0	48.7	97	1	20	59-139	
Dichlorobromomethane	50.0	45.4	91	0	20	69-130	
Bromoform	50.0	39.6	79	3	20	67-140	
Bromomethane	50.0	56.3	113	1	31	10-150	
Carbon disulfide	50.0	58.6	117	0	26	36-150	
Carbon tetrachloride	50.0	46.3	93	0	20	60-134	
Chlorobenzene	50.0	44.7	89	2	20	70-130	
Chloroethane	50.0	57.9	116	2	29	57-150	
Chloroform	50.0	49.0	98	0	20	80-120	
Chloromethane	50.0	59.4	119	1	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	1	20	64-130	
cis-1,3-Dichloropropene	50.0	47.2	94	1	20	66-134	
Chlorodibromomethane	50.0	45.7	91	1	20	65-133	
Dibromomethane	50.0	45.7	91	2	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11142204.D

Lab ID: LCSD 550-288554/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	53.6	107	1	30	29-150	
Ethylbenzene	50.0	46.5	93	1	20	80-120	
Freon 113	50.0	53.4	107	2	20	37-150	
Hexachlorobutadiene	50.0	43.8	88	4	20	58-134	
Isopropylbenzene	50.0	46.3	93	1	20	70-139	
m-Xylene & p-Xylene	50.0	45.5	91	1	20	67-137	
Methyl tert-butyl ether	50.0	53.0	106	3	22	59-139	
Methylene Chloride	50.0	49.0	98	0	23	55-136	
Naphthalene	50.0	42.6	85	0	20	64-135	
n-Butylbenzene	50.0	48.5	97	0	20	70-136	
N-Propylbenzene	50.0	45.8	92	0	20	66-142	
o-Xylene	50.0	44.2	88	2	20	68-136	
4-Isopropyltoluene	50.0	47.4	95	1	20	67-138	
sec-Butylbenzene	50.0	46.1	92	1	20	66-135	
Styrene	50.0	44.2	88	0	20	69-135	
tert-Butylbenzene	50.0	45.7	91	0	20	64-135	
Tetrachloroethene	50.0	46.3	93	1	20	63-131	
Toluene	50.0	46.0	92	1	20	71-123	
trans-1,2-Dichloroethene	50.0	50.5	101	0	20	65-132	
trans-1,3-Dichloropropene	50.0	48.0	96	0	20	66-136	
Trichloroethene	50.0	45.9	92	1	20	67-130	
Trichlorofluoromethane	50.0	51.0	102	1	22	62-147	
Vinyl acetate	50.0	57.8	116	0	29	51-150	
Vinyl chloride	50.0	57.6	115	0	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182235.D

Lab ID: LCSD 550-289041/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	43.3	87	5	20	68-133	
1,1,1-Trichloroethane	50.0	50.9	102	2	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	43.3	87	5	20	60-135	
1,1,2-Trichloroethane	50.0	42.6	85	4	20	69-130	
1,1-Dichloroethane	50.0	50.6	101	3	20	65-132	
1,1-Dichloroethene	50.0	50.8	102	3	23	80-120	
1,1-Dichloropropene	50.0	47.3	95	4	20	63-130	
1,2,3-Trichlorobenzene	50.0	42.2	84	0	20	62-139	
1,2,3-Trichloropropane	50.0	42.3	85	2	20	67-130	
1,2,4-Trichlorobenzene	50.0	42.2	84	2	20	66-135	
1,2,4-Trimethylbenzene	50.0	45.7	91	5	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	45.7	91	0	21	58-133	
1,2-Dibromoethane	50.0	43.4	87	2	20	70-130	
1,2-Dichlorobenzene	50.0	42.1	84	3	20	70-130	
1,2-Dichloroethane	50.0	41.6	83	4	20	54-135	
1,2-Dichloropropane	50.0	44.7	89	4	20	80-120	
1,3,5-Trimethylbenzene	50.0	44.6	89	3	20	70-139	
1,3-Dichlorobenzene	50.0	43.7	87	4	20	70-130	
1,3-Dichloropropane	50.0	43.1	86	3	20	69-130	
1,4-Dichlorobenzene	50.0	43.0	86	4	20	70-130	
2,2-Dichloropropane	50.0	51.2	102	3	21	60-148	
2-Butanone (MEK)	50.0	54.8	110	0	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	52.8	106	2	29	50-148	
4-Chlorotoluene	50.0	44.3	89	3	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	48.7	97	3	23	56-141	
Acetone	50.0	56.4	113	2	35	11-150	
Benzene	50.0	45.5	91	4	20	67-130	
Bromobenzene	50.0	42.2	84	3	20	70-130	
Chlorobromomethane	50.0	46.9	94	3	20	59-139	
Dichlorobromomethane	50.0	43.4	87	3	20	69-130	
Bromoform	50.0	36.7	73	2	20	67-140	
Bromomethane	50.0	54.8	110	10	31	10-150	
Carbon disulfide	50.0	57.0	114	3	26	36-150	
Carbon tetrachloride	50.0	47.7	95	4	20	60-134	
Chlorobenzene	50.0	44.0	88	4	20	70-130	
Chloroethane	50.0	57.9	116	4	29	57-150	
Chloroform	50.0	47.9	96	3	20	80-120	
Chloromethane	50.0	44.9	90	2	30	46-150	
cis-1,2-Dichloroethene	50.0	45.3	91	4	20	64-130	
cis-1,3-Dichloropropene	50.0	44.5	89	3	20	66-134	
Chlorodibromomethane	50.0	43.3	87	3	20	65-133	
Dibromomethane	50.0	42.7	85	3	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11182235.D

Lab ID: LCSD 550-289041/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	46.2	92	2	30	29-150	
Ethylbenzene	50.0	46.4	93	5	20	80-120	
Freon 113	50.0	54.1	108	3	20	37-150	
Hexachlorobutadiene	50.0	49.3	99	1	20	58-134	
Isopropylbenzene	50.0	47.3	95	2	20	70-139	
m-Xylene & p-Xylene	50.0	45.8	92	3	20	67-137	
Methyl tert-butyl ether	50.0	46.6	93	3	22	59-139	
Methylene Chloride	50.0	49.5	99	3	23	55-136	
Naphthalene	50.0	42.7	85	1	20	64-135	
n-Butylbenzene	50.0	49.4	99	3	20	70-136	
N-Propylbenzene	50.0	47.4	95	3	20	66-142	
o-Xylene	50.0	45.1	90	4	20	68-136	
4-Isopropyltoluene	50.0	48.2	96	3	20	67-138	
sec-Butylbenzene	50.0	48.4	97	3	20	66-135	
Styrene	50.0	44.0	88	4	20	69-135	
tert-Butylbenzene	50.0	48.7	97	2	20	64-135	
Tetrachloroethene	50.0	46.3	93	2	20	63-131	
Toluene	50.0	45.3	91	3	20	71-123	
trans-1,2-Dichloroethene	50.0	51.1	102	4	20	65-132	
trans-1,3-Dichloropropene	50.0	44.3	89	2	20	66-136	
Trichloroethene	50.0	45.7	91	3	20	67-130	
Trichlorofluoromethane	50.0	53.8	108	2	22	62-147	
Vinyl acetate	50.0	52.4	105	9	29	51-150	
Vinyl chloride	50.0	59.2	118	1	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212211.D

Lab ID: LCSD 550-289135/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	43.8	88	8	20	68-133	
1,1,1-Trichloroethane	50.0	45.0	90	4	20	62-134	
1,1,2,2-Tetrachloroethane	50.0	42.8	86	0	20	60-135	
1,1,2-Trichloroethane	50.0	40.7	81	2	20	69-130	
1,1-Dichloroethane	50.0	40.8	82	2	20	65-132	
1,1-Dichloroethene	50.0	44.6	89	6	23	80-120	
1,1-Dichloropropene	50.0	46.0	92	8	20	63-130	
1,2,3-Trichlorobenzene	50.0	48.5	97	0	20	62-139	
1,2,3-Trichloropropane	50.0	46.5	93	0	20	67-130	
1,2,4-Trichlorobenzene	50.0	47.0	94	1	20	66-135	
1,2,4-Trimethylbenzene	50.0	47.6	95	2	20	70-134	
1,2-Dibromo-3-Chloropropane	50.0	43.6	87	3	21	58-133	
1,2-Dibromoethane	50.0	39.9	80	2	20	70-130	
1,2-Dichlorobenzene	50.0	45.0	90	2	20	70-130	
1,2-Dichloroethane	50.0	40.7	81	4	20	54-135	
1,2-Dichloropropane	50.0	39.2	78	6	20	80-120	*-
1,3,5-Trimethylbenzene	50.0	51.3	103	3	20	70-139	
1,3-Dichlorobenzene	50.0	44.2	88	3	20	70-130	
1,3-Dichloropropane	50.0	40.5	81	1	20	69-130	
1,4-Dichlorobenzene	50.0	42.8	86	1	20	70-130	
2,2-Dichloropropane	50.0	44.9	90	4	21	60-148	
2-Butanone (MEK)	50.0	37.6	75	5	34	50-150	
Methyl n-butyl ketone (MNBK)	50.0	34.3	69	5	29	50-148	
4-Chlorotoluene	50.0	43.1	86	5	20	70-130	
4-Methyl-2-pentanone (MIBK)	50.0	38.0	76	11	23	56-141	
Acetone	50.0	38.3	77	10	35	11-150	
Benzene	50.0	38.3	77	6	20	67-130	
Bromobenzene	50.0	46.3	93	4	20	70-130	
Chlorobromomethane	50.0	43.2	86	1	20	59-139	
Dichlorobromomethane	50.0	38.3	77	4	20	69-130	
Bromoform	50.0	40.6	81	3	20	67-140	
Bromomethane	50.0	51.2	102	6	31	10-150	
Carbon disulfide	50.0	43.7	87	7	26	36-150	
Carbon tetrachloride	50.0	44.5	89	13	20	60-134	
Chlorobenzene	50.0	42.1	84	1	20	70-130	
Chloroethane	50.0	47.8	96	7	29	57-150	
Chloroform	50.0	40.8	82	1	20	80-120	
Chloromethane	50.0	39.2	78	8	30	46-150	
cis-1,2-Dichloroethene	50.0	39.1	78	8	20	64-130	
cis-1,3-Dichloropropene	50.0	39.8	80	2	20	66-134	
Chlorodibromomethane	50.0	41.4	83	4	20	65-133	
Dibromomethane	50.0	39.3	79	8	20	65-130	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212211.D

Lab ID: LCSD 550-289135/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	44.5	89	17	30	29-150	
Ethylbenzene	50.0	41.5	83	4	20	80-120	
Freon 113	50.0	52.1	104	7	20	37-150	
Hexachlorobutadiene	50.0	54.6	109	2	20	58-134	
Isopropylbenzene	50.0	53.5	107	2	20	70-139	
m-Xylene & p-Xylene	50.0	50.2	100	7	20	67-137	
Methyl tert-butyl ether	50.0	42.5	85	4	22	59-139	
Methylene Chloride	50.0	43.5	87	4	23	55-136	
Naphthalene	50.0	46.1	92	2	20	64-135	
n-Butylbenzene	50.0	47.5	95	1	20	70-136	
N-Propylbenzene	50.0	48.2	96	3	20	66-142	
o-Xylene	50.0	50.8	102	4	20	68-136	
4-Isopropyltoluene	50.0	52.8	106	2	20	67-138	
sec-Butylbenzene	50.0	54.7	109	0	20	66-135	
Styrene	50.0	45.9	92	8	20	69-135	
tert-Butylbenzene	50.0	46.7	93	1	20	64-135	
Tetrachloroethene	50.0	47.8	96	4	20	63-131	
Toluene	50.0	41.4	83	4	20	71-123	
trans-1,2-Dichloroethene	50.0	42.3	85	2	20	65-132	
trans-1,3-Dichloropropene	50.0	40.0	80	2	20	66-136	
Trichloroethene	50.0	44.7	89	6	20	67-130	
Trichlorofluoromethane	50.0	52.4	105	7	22	62-147	
Vinyl acetate	50.0	38.5	77	5	29	51-150	
Vinyl chloride	50.0	45.6	91	8	27	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212214.D

Lab ID: 550-193492-2 MS Client ID: RDP-02_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	ND	48.7	97	62-139	
1,1,1-Trichloroethane	50.0	ND	46.3	93	57-143	
1,1,2,2-Tetrachloroethane	50.0	ND	44.4	89	52-150	
1,1,2-Trichloroethane	50.0	ND	43.8	88	62-137	
1,1-Dichloroethane	50.0	ND	43.1	86	58-145	
1,1-Dichloroethene	50.0	ND	44.2	88	50-150	
1,1-Dichloropropene	50.0	ND	42.0	84	50-142	
1,2,3-Trichlorobenzene	50.0	ND	49.4	99	52-144	
1,2,3-Trichloropropane	50.0	ND	46.1	92	59-138	
1,2,4-Trichlorobenzene	50.0	ND	49.6	99	54-140	
1,2,4-Trimethylbenzene	50.0	ND	47.4	95	41-150	
1,2-Dibromo-3-Chloropropane	50.0	ND	42.7	85	41-149	
1,2-Dibromoethane	50.0	ND	42.0	84	67-136	
1,2-Dichlorobenzene	50.0	ND	45.4	91	64-132	
1,2-Dichloroethane	50.0	ND	42.1	84	47-146	
1,2-Dichloropropane	50.0	ND	40.9	82	59-140	
1,3,5-Trimethylbenzene	50.0	ND	50.1	100	34-150	
1,3-Dichlorobenzene	50.0	ND	43.4	87	67-130	
1,3-Dichloropropane	50.0	ND	42.9	86	65-140	
1,4-Dichlorobenzene	50.0	ND	42.9	86	67-128	
2,2-Dichloropropane	50.0	ND	46.9	94	54-150	
2-Butanone (MEK)	50.0	ND	37.8	76	10-150	
Methyl n-butyl ketone (MNBK)	50.0	ND	34.1	68	37-150	
4-Chlorotoluene	50.0	ND	41.5	83	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	ND	40.3	81	41-150	
Acetone	50.0	ND	37.2	74	10-150	
Benzene	50.0	ND	38.6	77	54-142	
Bromobenzene	50.0	ND	46.1	92	67-132	
Chlorobromomethane	50.0	ND	49.0	98	55-147	
Dichlorobromomethane	50.0	ND	40.6	81	61-143	
Bromoform	50.0	ND	40.8	82	57-148	
Bromomethane	50.0	ND	54.6	109	56-149	
Carbon disulfide	50.0	ND	45.5	91	23-150	
Carbon tetrachloride	50.0	ND	43.7	87	51-143	
Chlorobenzene	50.0	ND	42.9	86	69-129	
Chloroethane	50.0	ND	49.4	99	41-150	
Chloroform	50.0	ND	43.3	87	60-148	
Chloromethane	50.0	ND	39.4	79	29-150	
cis-1,2-Dichloroethene	50.0	3.0	44.0	82	57-139	
cis-1,3-Dichloropropene	50.0	ND	41.5	83	57-145	
Chlorodibromomethane	50.0	ND	45.1	90	61-143	
Dibromomethane	50.0	ND	41.1	82	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212214.D

Lab ID: 550-193492-2 MS Client ID: RDP-02_11-2022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	ND	39.7	79	20-150	
Ethylbenzene	50.0	ND	41.1	82	46-149	
Freon 113	50.0	ND	50.5	101	10-150	
Hexachlorobutadiene	50.0	ND	49.2	98	48-146	
Isopropylbenzene	50.0	ND	50.6	101	56-146	
m-Xylene & p-Xylene	50.0	ND	47.4	95	47-150	
Methyl tert-butyl ether	50.0	ND	51.3	103	51-150	
Methylene Chloride	50.0	ND	49.9	100	43-150	
Naphthalene	50.0	2.2 J	45.7	87	32-150	
n-Butylbenzene	50.0	ND	43.8	88	54-146	
N-Propylbenzene	50.0	ND	44.4	89	54-150	
o-Xylene	50.0	ND	50.5	101	52-150	
4-Isopropyltoluene	50.0	ND	50.2	100	53-147	
sec-Butylbenzene	50.0	ND	51.3	103	54-145	
Styrene	50.0	ND	44.6	89	20-150	
tert-Butylbenzene	50.0	ND	44.0	88	57-143	
Tetrachloroethene	50.0	ND	44.5	89	37-150	
Toluene	50.0	ND	41.9	84	54-141	
trans-1,2-Dichloroethene	50.0	1.3 J	45.6	89	58-140	
trans-1,3-Dichloropropene	50.0	ND	41.7	83	57-147	
Trichloroethene	50.0	ND	42.6	85	58-134	
Trichlorofluoromethane	50.0	ND	49.6	99	46-150	
Vinyl acetate	50.0	ND	42.0	84	10-150	
Vinyl chloride	50.0	ND	43.9	88	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212215.D

Lab ID: 550-193492-2 MSD Client ID: RDP-02_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	42.5	85	13	35	62-139	
1,1,1-Trichloroethane	50.0	41.5	83	11	35	57-143	
1,1,2,2-Tetrachloroethane	50.0	42.3	85	5	35	52-150	
1,1,2-Trichloroethane	50.0	42.8	86	2	35	62-137	
1,1-Dichloroethane	50.0	40.6	81	6	35	58-145	
1,1-Dichloroethene	50.0	40.2	80	10	35	50-150	
1,1-Dichloropropene	50.0	38.7	77	8	35	50-142	
1,2,3-Trichlorobenzene	50.0	48.4	97	2	35	52-144	
1,2,3-Trichloropropane	50.0	44.5	89	4	35	59-138	
1,2,4-Trichlorobenzene	50.0	45.9	92	8	35	54-140	
1,2,4-Trimethylbenzene	50.0	44.8	90	6	35	41-150	
1,2-Dibromo-3-Chloropropane	50.0	40.4	81	6	35	41-149	
1,2-Dibromoethane	50.0	42.8	86	2	35	67-136	
1,2-Dichlorobenzene	50.0	44.1	88	3	35	64-132	
1,2-Dichloroethane	50.0	40.1	80	5	35	47-146	
1,2-Dichloropropane	50.0	38.3	77	7	35	59-140	
1,3,5-Trimethylbenzene	50.0	46.8	94	7	35	34-150	
1,3-Dichlorobenzene	50.0	42.7	85	2	35	67-130	
1,3-Dichloropropane	50.0	42.9	86	0	35	65-140	
1,4-Dichlorobenzene	50.0	43.2	86	1	35	67-128	
2,2-Dichloropropane	50.0	42.0	84	11	35	54-150	
2-Butanone (MEK)	50.0	37.9	76	0	35	10-150	
Methyl n-butyl ketone (MNBK)	50.0	32.8	66	4	35	37-150	
4-Chlorotoluene	50.0	41.7	83	0	35	63-141	
4-Methyl-2-pentanone (MIBK)	50.0	35.6	71	13	35	41-150	
Acetone	50.0	32.5	65	13	35	10-150	
Benzene	50.0	35.8	72	8	35	54-142	
Bromobenzene	50.0	47.5	95	3	35	67-132	
Chlorobromomethane	50.0	46.3	93	6	35	55-147	
Dichlorobromomethane	50.0	38.5	77	5	35	61-143	
Bromoform	50.0	42.9	86	5	35	57-148	
Bromomethane	50.0	49.0	98	11	35	56-149	
Carbon disulfide	50.0	40.5	81	12	35	23-150	
Carbon tetrachloride	50.0	37.2	74	16	35	51-143	
Chlorobenzene	50.0	42.1	84	2	35	69-129	
Chloroethane	50.0	44.3	89	11	35	41-150	
Chloroform	50.0	41.6	83	4	35	60-148	
Chloromethane	50.0	35.5	71	10	35	29-150	
cis-1,2-Dichloroethene	50.0	39.4	73	11	35	57-139	
cis-1,3-Dichloropropene	50.0	42.3	85	2	35	57-145	
Chlorodibromomethane	50.0	43.9	88	3	35	61-143	
Dibromomethane	50.0	40.8	82	1	35	56-148	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 11212215.D

Lab ID: 550-193492-2 MSD Client ID: RDP-02_11-2022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	50.0	38.2	76	4	35	20-150	
Ethylbenzene	50.0	38.5	77	6	35	46-149	
Freon 113	50.0	45.0	90	12	35	10-150	
Hexachlorobutadiene	50.0	47.5	95	3	35	48-146	
Isopropylbenzene	50.0	46.3	93	9	35	56-146	
m-Xylene & p-Xylene	50.0	46.5	93	2	35	47-150	
Methyl tert-butyl ether	50.0	46.5	93	10	35	51-150	
Methylene Chloride	50.0	45.5	91	9	35	43-150	
Naphthalene	50.0	44.9	85	2	35	32-150	
n-Butylbenzene	50.0	40.3	81	9	35	54-146	
N-Propylbenzene	50.0	42.4	85	5	35	54-150	
o-Xylene	50.0	47.7	95	6	35	52-150	
4-Isopropyltoluene	50.0	46.3	93	8	35	53-147	
sec-Butylbenzene	50.0	46.9	94	9	35	54-145	
Styrene	50.0	45.5	91	2	35	20-150	
tert-Butylbenzene	50.0	41.3	83	6	35	57-143	
Tetrachloroethene	50.0	42.0	84	6	35	37-150	
Toluene	50.0	39.9	80	5	35	54-141	
trans-1,2-Dichloroethene	50.0	42.2	82	8	35	58-140	
trans-1,3-Dichloropropene	50.0	43.5	87	4	35	57-147	
Trichloroethene	50.0	40.5	81	5	35	58-134	
Trichlorofluoromethane	50.0	45.3	91	9	35	46-150	
Vinyl acetate	50.0	45.4	91	8	35	10-150	
Vinyl chloride	50.0	39.6	79	10	35	29-150	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11142206.D Lab Sample ID: MB 550-288554/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/14/2022 10:52

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-288554/3	11142203.D	11/14/2022 09:49
	LCSD 550-288554/4	11142204.D	11/14/2022 10:10
TB-06_11-2022	550-193492-10	11142209.D	11/14/2022 11:55

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11182237.D Lab Sample ID: MB 550-289041/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS15 Date Analyzed: 11/18/2022 23:22

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-289041/1002	-11182234-LCS.d	11/18/2022 22:19
	LCSD 550-289041/4	11182235.D	11/18/2022 22:40
EB-03_11-2022	550-193492-9	11182238.D	11/18/2022 23:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11212213.D Lab Sample ID: MB 550-289135/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: GCMS24 Date Analyzed: 11/21/2022 14:12

GC Column: Rxi-624Sil ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 550-289135/3	11212210.D	11/21/2022 13:06
	LCSD 550-289135/4	11212211.D	11/21/2022 13:28
RDP-02_11-2022 MS	550-193492-2 MS	11212214.D	11/21/2022 14:34
RDP-02_11-2022 MSD	550-193492-2 MSD	11212215.D	11/21/2022 14:56
RDP-02_11-2022	550-193492-2	11212216.D	11/21/2022 15:17
RDP-01_11-2022	550-193492-1	11212217.D	11/21/2022 15:39
RDP-03_11-2022	550-193492-3	11212219.D	11/21/2022 16:23
R-05_11-2022	550-193492-4	11212220.D	11/21/2022 16:44
R-06_S2_11-2022	550-193492-5	11212221.D	11/21/2022 17:05
R-14_11-2022	550-193492-6	11212222.D	11/21/2022 17:27
BC-7S_11-2022	550-193492-7	11212223.D	11/21/2022 17:49
BC-7D_11-2022	550-193492-8	11212224.D	11/21/2022 18:10
R-16_11-2022	550-193492-11	11212225.D	11/21/2022 18:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11032226.D BFB Injection Date: 11/03/2022

Instrument ID: GCMS15 BFB Injection Time: 18:48

Analysis Batch No.: 287854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	108.7	
175	5.0 - 9.0 % of mass 174	8.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	107.9	(99.3) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-287854/4	11032230.D	11/03/2022	20:12
	STD2 550-287854/5	11032231.D	11/03/2022	20:33
	STD3 550-287854/6	11032232.D	11/03/2022	20:54
	STD4 550-287854/7	11032233.D	11/03/2022	21:15
	STD5 550-287854/8	11032234.D	11/03/2022	21:36
	STD6 550-287854/9	11032235.D	11/03/2022	21:57
	ICIS 550-287854/10	11032236.D	11/03/2022	22:18
	STD8 550-287854/11	11032237.D	11/03/2022	22:39
	STD9 550-287854/12	11032238.D	11/03/2022	23:00
	ICV 550-287854/15	11032241.D	11/04/2022	0:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11142201.D BFB Injection Date: 11/14/2022

Instrument ID: GCMS15 BFB Injection Time: 08:37

Analysis Batch No.: 288554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	98.7	(98.1) 1
177	5.0 - 9.0 % of mass 176	7.5	(7.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-288554/2	11142202.D	11/14/2022	9:28
	LCS 550-288554/3	11142203.D	11/14/2022	9:49
	LCSD 550-288554/4	11142204.D	11/14/2022	10:10
	MB 550-288554/6	11142206.D	11/14/2022	10:52
TB-06_11-2022	550-193492-10	11142209.D	11/14/2022	11:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11182231.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS15 BFB Injection Time: 21:16

Analysis Batch No.: 289041

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	111.3	
175	5.0 - 9.0 % of mass 174	8.8	(7.9) 1
176	95.0 - 101.0 % of mass 174	108.8	(97.8) 1
177	5.0 - 9.0 % of mass 176	7.7	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-289041/2	11182234.D	11/18/2022	22:19
	LCS 550-289041/1002	-11182234-LCS	11/18/2022	22:19
	LCSD 550-289041/4	11182235.D	11/18/2022	22:40
	MB 550-289041/6	11182237.D	11/18/2022	23:22
EB-03_11-2022	550-193492-9	11182238.D	11/18/2022	23:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11182201.D BFB Injection Date: 11/18/2022

Instrument ID: GCMS24 BFB Injection Time: 08:59

Analysis Batch No.: 288994

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	43.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	91.9	
175	5.0 - 9.0 % of mass 174	5.7	(6.2) 1
176	95.0 - 101.0 % of mass 174	91.4	(99.5) 1
177	5.0 - 9.0 % of mass 176	6.2	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 550-288994/4	11182204.D	11/18/2022	11:07
	STD2 550-288994/5	11182205.D	11/18/2022	11:29
	STD3 550-288994/6	11182206.D	11/18/2022	11:51
	STD4 550-288994/7	11182207.D	11/18/2022	12:13
	STD5 550-288994/8	11182208.D	11/18/2022	12:34
	STD6 550-288994/9	11182209.D	11/18/2022	12:56
	ICIS 550-288994/10	11182210.D	11/18/2022	13:18
	STD8 550-288994/11	11182211.D	11/18/2022	13:40
	STD9 550-288994/12	11182212.D	11/18/2022	14:01
	ICV 550-288994/17	11182217.D	11/18/2022	16:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab File ID: 11212208.D BFB Injection Date: 11/21/2022

Instrument ID: GCMS24 BFB Injection Time: 12:11

Analysis Batch No.: 289135

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	97.0	
175	5.0 - 9.0 % of mass 174	6.4	(6.5) 1
176	95.0 - 101.0 % of mass 174	94.7	(97.6) 1
177	5.0 - 9.0 % of mass 176	6.9	(7.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 550-289135/2	11212209.D	11/21/2022	12:45
	LCS 550-289135/3	11212210.D	11/21/2022	13:06
	LCSD 550-289135/4	11212211.D	11/21/2022	13:28
	MB 550-289135/6	11212213.D	11/21/2022	14:12
RDP-02_11-2022 MS	550-193492-2 MS	11212214.D	11/21/2022	14:34
RDP-02_11-2022 MSD	550-193492-2 MSD	11212215.D	11/21/2022	14:56
RDP-02_11-2022	550-193492-2	11212216.D	11/21/2022	15:17
RDP-01_11-2022	550-193492-1	11212217.D	11/21/2022	15:39
RDP-03_11-2022	550-193492-3	11212219.D	11/21/2022	16:23
R-05_11-2022	550-193492-4	11212220.D	11/21/2022	16:44
R-06_S2_11-2022	550-193492-5	11212221.D	11/21/2022	17:05
R-14_11-2022	550-193492-6	11212222.D	11/21/2022	17:27
BC-7S_11-2022	550-193492-7	11212223.D	11/21/2022	17:49
BC-7D_11-2022	550-193492-8	11212224.D	11/21/2022	18:10
R-16_11-2022	550-193492-11	11212225.D	11/21/2022	18:32

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		178984	4.34	1123584	7.34	793628	9.98
UPPER LIMIT		357968	4.84	2247168	7.84	1587256	10.48
LOWER LIMIT		89492	3.84	561792	6.84	396814	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		192664	4.32	1244399	7.33	920967	9.97
CCVIS 550-288554/2		153642	4.34	1079796	7.34	845101	9.97
CCVIS 550-289041/2		179137	4.33	1077436	7.33	856807	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: ICIS 550-287854/10 Date Analyzed: 11/03/2022 22:18

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11032236.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		394241	11.84				
UPPER LIMIT		788482	12.34				
LOWER LIMIT		197121	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-287854/15		501710	11.84				
CCVIS 550-288554/2		496532	11.84				
CCVIS 550-289041/2		479172	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		153642	4.34	1079796	7.34	845101	9.97
UPPER LIMIT		307284	4.84	2159592	7.84	1690202	10.47
LOWER LIMIT		76821	3.84	539898	6.84	422551	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		172893	4.33	1096549	7.33	858827	9.97
LCSD 550-288554/4		209788	4.33	1086471	7.33	859433	9.97
MB 550-288554/6		162830	4.32	1071195	7.33	788220	9.97
550-193492-10	TB-06_11-2022	186492	4.31	1164357	7.33	911653	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
Area Limit = 50%-200% of internal standard area
CBNZd5 = Chlorobenzene-d5
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-288554/2 Date Analyzed: 11/14/2022 09:28

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11142202.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496532	11.84				
UPPER LIMIT		993064	12.34				
LOWER LIMIT		248266	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-288554/3		491570	11.84				
LCSD 550-288554/4		492470	11.85				
MB 550-288554/6		475441	11.84				
550-193492-10	TB-06_11-2022	548834	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-289041/2 Date Analyzed: 11/18/2022 22:19

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182234.D Heated Purge: (Y/N) N

Calibration ID: 24357

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		179137	4.33	1077436	7.33	856807	9.97
UPPER LIMIT		358274	4.83	2154872	7.83	1713614	10.47
LOWER LIMIT		89569	3.83	538718	6.83	428404	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289041/1002		179137	4.33	1077436	7.33	856807	9.97
LCSD 550-289041/4		180088	4.33	1043548	7.33	823062	9.97
MB 550-289041/6		151690	4.31	830842	7.33	627424	9.97
550-193492-9	EB-03_11-2022	97298	4.33	560354	7.33	441035	9.97

TBAd9 = TBA-d9 (IS)
TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
FB = Fluorobenzene (IS)
Area Limit = 50%-200% of internal standard area
CBNZd5 = Chlorobenzene-d5
RT Limit = ± 0.5 minutes of internal standard RT
CBNZd5 = Chlorobenzene-d5

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-289041/2 Date Analyzed: 11/18/2022 22:19

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182234.D Heated Purge: (Y/N) N

Calibration ID: 24357

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		479172	11.84				
UPPER LIMIT		958344	12.34				
LOWER LIMIT		239586	11.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289041/1002		479172	11.84				
LCSD 550-289041/4		466116	11.84				
MB 550-289041/6		361834	11.84				
550-193492-9	EB-03_11-2022	259154	11.84				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: ICIS 550-288994/10 Date Analyzed: 11/18/2022 13:18

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182210.D Heated Purge: (Y/N) N

Calibration ID: 24389

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		44412	4.31	140125	7.33	85710	9.97
UPPER LIMIT		88824	4.81	280250	7.83	171420	10.47
LOWER LIMIT		22206	3.81	70063	6.83	42855	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288994/17		51433	4.30	158056	7.32	98091	9.97
CCVIS 550-289135/2		57695	4.30	154823	7.32	87588	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: ICIS 550-288994/10 Date Analyzed: 11/18/2022 13:18

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11182210.D Heated Purge: (Y/N) N

Calibration ID: 24389

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		53965	11.83				
UPPER LIMIT		107930	12.33				
LOWER LIMIT		26983	11.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 550-288994/17		59467	11.83				
CCVIS 550-289135/2		52918	11.83				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-289135/2 Date Analyzed: 11/21/2022 12:45

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11212209.D Heated Purge: (Y/N) N

Calibration ID: 24389

		TBAd9		FB		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57695	4.30	154823	7.32	87588	9.97
UPPER LIMIT		115390	4.80	309646	7.82	175176	10.47
LOWER LIMIT		28848	3.80	77412	6.82	43794	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289135/3		44687	4.31	141185	7.32	77530	9.97
LCSD 550-289135/4		46647	4.31	158041	7.33	93478	9.97
MB 550-289135/6		46425	4.30	160138	7.32	77297	9.97
550-193492-2 MS	RDP-02_11-2022 MS	47950	4.31	162696	7.33	99052	9.97
550-193492-2 MSD	RDP-02_11-2022 MSD	49547	4.31	180962	7.33	115475	9.97
550-193492-2	RDP-02_11-2022	44880	4.30	198868	7.32	107180	9.97
550-193492-1	RDP-01_11-2022	45494	4.30	193916	7.32	106389	9.97
550-193492-3	RDP-03_11-2022	46218	4.30	182417	7.33	98288	9.97
550-193492-4	R-05_11-2022	51093	4.30	172963	7.32	91406	9.97
550-193492-5	R-06_S2_11-2022	44026	4.30	181133	7.33	94436	9.97
550-193492-6	R-14_11-2022	45848	4.31	179687	7.33	98496	9.97
550-193492-7	BC-7S_11-2022	43706	4.30	163940	7.32	82724	9.97
550-193492-8	BC-7D_11-2022	41528	4.31	161594	7.33	88855	9.97
550-193492-11	R-16_11-2022	46505	4.31	163924	7.33	83276	9.97

TBAd9 = TBA-d9 (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Sample No.: CCVIS 550-289135/2 Date Analyzed: 11/21/2022 12:45

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm)

Lab File ID (Standard): 11212209.D Heated Purge: (Y/N) N

Calibration ID: 24389

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		52918	11.83				
UPPER LIMIT		105836	12.33				
LOWER LIMIT		26459	11.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 550-289135/3		49969	11.82				
LCSD 550-289135/4		54643	11.82				
MB 550-289135/6		64501	11.83				
550-193492-2 MS	RDP-02_11-2022 MS	61401	11.83				
550-193492-2 MSD	RDP-02_11-2022 MSD	67871	11.83				
550-193492-2	RDP-02_11-2022	85776	11.82				
550-193492-1	RDP-01_11-2022	85480	11.82				
550-193492-3	RDP-03_11-2022	78000	11.83				
550-193492-4	R-05_11-2022	75881	11.82				
550-193492-5	R-06_S2_11-2022	81602	11.83				
550-193492-6	R-14_11-2022	77759	11.83				
550-193492-7	BC-7S_11-2022	73173	11.82				
550-193492-8	BC-7D_11-2022	69950	11.82				
550-193492-11	R-16_11-2022	68990	11.83				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-01_11-2022 | Lab Sample ID: 550-193492-1

Matrix: Water | Lab File ID: 11212217.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:11

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-01_11-2022 | Lab Sample ID: 550-193492-1

Matrix: Water | Lab File ID: 11212217.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:11

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	12		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	5.6		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-01_11-2022 | Lab Sample ID: 550-193492-1

Matrix: Water | Lab File ID: 11212217.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:11

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	81		70-130
460-00-4	4-Bromofluorobenzene (Surr)	76		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 | Lab Sample ID: 550-193492-2

Matrix: Water | Lab File ID: 11212216.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 15:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 | Lab Sample ID: 550-193492-2

Matrix: Water | Lab File ID: 11212216.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 15:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	3.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	2.2	J	5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.3	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 Lab Sample ID: 550-193492-2

Matrix: Water Lab File ID: 11212216.D

Analysis Method: 8260B Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 15:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	4-Bromofluorobenzene (Surr)	76		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-03_11-2022 | Lab Sample ID: 550-193492-3

Matrix: Water | Lab File ID: 11212219.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:57

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 16:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-03_11-2022 | Lab Sample ID: 550-193492-3

Matrix: Water | Lab File ID: 11212219.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:57

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 16:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-03_11-2022 Lab Sample ID: 550-193492-3

Matrix: Water Lab File ID: 11212219.D

Analysis Method: 8260B Date Collected: 11/09/2022 11:57

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 16:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	4-Bromofluorobenzene (Surr)	76		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-05_11-2022 | Lab Sample ID: 550-193492-4

Matrix: Water | Lab File ID: 11212220.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-05_11-2022 | Lab Sample ID: 550-193492-4

Matrix: Water | Lab File ID: 11212220.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.7	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	1.0	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-05_11-2022 | Lab Sample ID: 550-193492-4

Matrix: Water | Lab File ID: 11212220.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:17

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 16:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	4-Bromofluorobenzene (Surr)	76		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-06_S2_11-2022 | Lab Sample ID: 550-193492-5

Matrix: Water | Lab File ID: 11212221.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-06_S2_11-2022 | Lab Sample ID: 550-193492-5

Matrix: Water | Lab File ID: 11212221.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-06_S2_11-2022 | Lab Sample ID: 550-193492-5

Matrix: Water | Lab File ID: 11212221.D

Analysis Method: 8260B | Date Collected: 11/09/2022 12:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	4-Bromofluorobenzene (Surr)	73		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-14_11-2022 | Lab Sample ID: 550-193492-6

Matrix: Water | Lab File ID: 11212222.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:27

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-14_11-2022 | Lab Sample ID: 550-193492-6

Matrix: Water | Lab File ID: 11212222.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:27

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	21		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	11		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-14_11-2022 | Lab Sample ID: 550-193492-6

Matrix: Water | Lab File ID: 11212222.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:27

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	4-Bromofluorobenzene (Surr)	75		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7S_11-2022 | Lab Sample ID: 550-193492-7

Matrix: Water | Lab File ID: 11212223.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7S_11-2022 | Lab Sample ID: 550-193492-7

Matrix: Water | Lab File ID: 11212223.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	1.3	J	2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7S_11-2022 | Lab Sample ID: 550-193492-7

Matrix: Water | Lab File ID: 11212223.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:15

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	4-Bromofluorobenzene (Surr)	74		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7D_11-2022 | Lab Sample ID: 550-193492-8

Matrix: Water | Lab File ID: 11212224.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7D_11-2022 | Lab Sample ID: 550-193492-8

Matrix: Water | Lab File ID: 11212224.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	2.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	0.90	J	2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: BC-7D_11-2022 | Lab Sample ID: 550-193492-8

Matrix: Water | Lab File ID: 11212224.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:20

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	4-Bromofluorobenzene (Surr)	75		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: EB-03_11-2022 | Lab Sample ID: 550-193492-9

Matrix: Water | Lab File ID: 11182238.D

Analysis Method: 8260B | Date Collected: 11/08/2022 14:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	0.95	J	2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: EB-03_11-2022 | Lab Sample ID: 550-193492-9

Matrix: Water | Lab File ID: 11182238.D

Analysis Method: 8260B | Date Collected: 11/08/2022 14:05

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	4.0		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	0.63	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: EB-03_11-2022 Lab Sample ID: 550-193492-9

Matrix: Water Lab File ID: 11182238.D

Analysis Method: 8260B Date Collected: 11/08/2022 14:05

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 23:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: TB-06_11-2022 | Lab Sample ID: 550-193492-10

Matrix: Water | Lab File ID: 11142209.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	10	J	20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: TB-06_11-2022 | Lab Sample ID: 550-193492-10

Matrix: Water | Lab File ID: 11142209.D

Analysis Method: 8260B | Date Collected: 11/02/2022 16:13

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 11:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.4	J B	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: TB-06_11-2022 Lab Sample ID: 550-193492-10

Matrix: Water Lab File ID: 11142209.D

Analysis Method: 8260B Date Collected: 11/02/2022 16:13

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 11:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-16_11-2022 | Lab Sample ID: 550-193492-11

Matrix: Water | Lab File ID: 11212225.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:37

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND	*-	2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-16_11-2022 | Lab Sample ID: 550-193492-11

Matrix: Water | Lab File ID: 11212225.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:37

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	2.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: R-16_11-2022 | Lab Sample ID: 550-193492-11

Matrix: Water | Lab File ID: 11212225.D

Analysis Method: 8260B | Date Collected: 11/09/2022 10:37

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 18:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	72		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1836	0.1823 0.1858	0.1782 0.1872	0.1862 0.1860	0.1903	Lin1	-0.006	0.1863				1.7			1.0000		0.9900
Dichlorodifluoromethane	0.4992 0.5196	0.5015 0.5174	0.4931 0.5158	0.4823 0.5103	0.5296	Ave		0.5076				2.9		15.0			
Chloromethane	0.4905 0.3526	0.4648 0.4266	0.4512 0.3801	0.4376 0.3716	0.3485	Ave		0.4137			0.1000	12.5		15.0			
Vinyl chloride	0.3290 0.3842	0.3777 0.3806	0.3545 0.3818	0.3856 0.3782	0.3939	Ave		0.3739				5.3		15.0			
Butadiene	0.3610 0.3798	0.3705 0.3788	0.3629 0.3782	0.3861 0.3756	0.3908	Ave		0.3760				2.6		15.0			
Bromomethane	0.2719 0.1921	0.2306 0.2064	0.2135 0.2226	0.1957 0.2298	0.1930	Ave		0.2173				11.7		30.0			
Chloroethane	0.2053 0.2069	0.2162 0.2128	0.2055 0.2203	0.2094 0.2312	0.2127	Ave		0.2134				3.9		15.0			
Trichlorofluoromethane	0.5615 0.5429	0.5404 0.5423	0.5491 0.5441	0.5425 0.5387	0.5616	Ave		0.5470				1.6		15.0			
Ethanol	+++++ 0.1117	+++++ 0.1117	0.1850 0.1274	0.1309 0.1269	0.1289	Lin1	1.6869	0.1212				10.8			0.9950		0.9900
1,1-Dichloroethene	0.2897 0.2964	0.3005 0.3021	0.2895 0.2992	0.2956 0.2993	0.3018	Ave		0.2971				1.6		15.0			
Freon 113	0.2919 0.3067	0.2974 0.3071	0.3008 0.3064	0.3083 0.3056	0.3168	Ave		0.3046				2.3		15.0			
Acetone	+++++ 0.0871	0.1479 0.1048	0.1352 0.0834	0.0994 0.0848	0.1027	Lin1	0.0768	0.0876				12.5			0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.6235 0.5017	0.5769 0.5043	0.5335 0.5038	0.5351 0.5046	0.5257	Ave		0.5343				7.7		15.0			
Carbon disulfide	0.8026 0.8270	0.8254 0.8298	0.7895 0.8315	0.8174 0.8371	0.8397	Ave		0.8222				2.0		15.0			
Methylene Chloride	0.5624 0.2955	0.4310 0.2917	0.3584 0.2869	0.3072 0.2894	0.3052	Lin1	0.1391	0.2875				1.5			1.0000		0.9900
2-Methyl-2-propanol	1.9636 1.3029	1.6978 1.3075	1.4699 1.1850	1.2880 1.1568	1.2195	Lin2	1.9471	1.2310				5.3			0.9970		0.9900
Methyl tert-butyl ether	0.5843 0.6566	0.6613 0.7004	0.6616 0.6738	0.6276 0.6603	0.6480	Ave		0.6526				4.9		15.0			
trans-1,2-Dichloroethene	0.3024 0.3198	0.3156 0.3191	0.3045 0.3174	0.3153 0.3170	0.3200	Ave		0.3146				2.1		15.0			
Hexane	0.3932 0.3939	0.3782 0.3981	0.3721 0.3994	0.3861 0.3990	0.4005	Ave		0.3912				2.6		15.0			
1,1-Dichloroethane	0.4512 0.5072	0.4978 0.5067	0.4771 0.5058	0.4931 0.5050	0.5015	Ave		0.4939			0.1000	3.8		15.0			
Vinyl acetate	0.0286 0.0392	0.0379 0.0436	0.0400 0.0420	0.0356 0.0403	0.0374	Ave		0.0383				11.4		15.0			
Isopropyl ether	0.6642 0.7235	0.7080 0.7335	0.6914 0.7283	0.6836 0.7262	0.7094	Ave		0.7076				3.3		15.0			
Tert-butyl ethyl ether	0.6296 0.7044	0.6694 0.7263	0.6757 0.7170	0.6681 0.7168	0.6823	Ave		0.6877				4.5		15.0			
2-Butanone (MEK)	+++++ 0.0268	0.0286 0.0304	0.0263 0.0277	0.0257 0.0263	0.0260	Ave		0.0272				5.9		15.0			
2,2-Dichloropropane	0.4426 0.4631	0.4461 0.4669	0.4259 0.4678	0.4476 0.4662	0.4641	Ave		0.4545				3.2		15.0			
cis-1,2-Dichloroethene	0.4229 0.4677	0.4620 0.4803	0.4583 0.4634	0.4607 0.4545	0.4678	Ave		0.4597				3.4		15.0			
Chlorobromomethane	0.1510 0.1640	0.1627 0.1647	0.1537 0.1624	0.1605 0.1609	0.1632	Ave		0.1603				3.0		15.0			
Tetrahydrofuran	+++++ 0.0338	0.0645 0.0396	0.0486 0.0346	0.0370 0.0322	0.0389	Lin1	0.0300	0.0341				8.0			0.9930		0.9900
Chloroform	0.4938 0.5202	0.5275 0.5168	0.5144 0.5150	0.5063 0.5175	0.5227	Ave		0.5149				1.9		15.0			
1,1,1-Trichloroethane	0.4806 0.5012	0.5042 0.5040	0.4742 0.5006	0.4898 0.5016	0.4999	Ave		0.4951				2.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.6045 0.6505	0.6357 0.6659	0.6198 0.6574	0.6365 0.6439	0.6572	Ave		0.6413				3.1		15.0			
1,1-Dichloropropene	0.5290 0.5231	0.5306 0.5359	0.5205 0.5271	0.5190 0.5201	0.5386	Ave		0.5271				1.3		15.0			
Benzene	1.4848 1.5315	1.5291 1.5697	1.5220 1.5231	1.5240 1.5024	1.5376	Ave		1.5249				1.5		15.0			
1,2-Dichloroethane	0.4206 0.4453	0.4648 0.4779	0.4691 0.4492	0.4413 0.4397	0.4567	Ave		0.4516				3.9		15.0			
Tert-amyl methyl ether	0.8141 0.9169	0.8758 0.9801	0.9009 0.9427	0.8811 0.9028	0.9080	Ave		0.9025				5.1		15.0			
Trichloroethene	0.4160 0.4232	0.4202 0.4342	0.4235 0.4235	0.4220 0.4171	0.4331	Ave		0.4237				1.5		15.0			
1,2-Dichloropropane	0.3220 0.3441	0.3381 0.3591	0.3329 0.3457	0.3272 0.3422	0.3396	Ave		0.3390				3.2		15.0			
Dibromomethane	0.1913 0.2227	0.2124 0.2345	0.2272 0.2213	0.2150 0.2116	0.2178	Ave		0.2171				5.6		15.0			
Dichlorobromomethane	0.4274 0.5066	0.4690 0.5291	0.4886 0.5090	0.4846 0.5045	0.4856	Ave		0.4894				5.9		15.0			
2-Chloroethyl vinyl ether	0.1412 0.1753	0.1715 0.1990	0.1681 0.1861	0.1616 0.1756	0.1687	Ave		0.1719				9.3		15.0			
cis-1,3-Dichloropropene	0.4377 0.5825	0.5189 0.6130	0.5370 0.5919	0.5236 0.5824	0.5602	Ave		0.5497				9.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2613 0.2325	0.2501 0.2741	0.2470 0.2448	0.2284 0.2202	0.2343	Ave		0.2436				6.9		15.0			
Toluene	0.9423 0.9669	0.9059 0.9687	0.9378 0.9563	0.9466 0.9544	0.9704	Ave		0.9499				2.1		15.0			
trans-1,3-Dichloropropene	0.3688 0.4913	0.4189 0.5312	0.4411 0.5034	0.4404 0.4991	0.4680	Ave		0.4625				10.9		15.0			
1,1,2-Trichloroethane	0.2650 0.2859	0.2718 0.3090	0.2889 0.2935	0.2805 0.2842	0.2852	Ave		0.2849				4.4		15.0			
Tetrachloroethene	0.4336 0.4271	0.4214 0.4220	0.4424 0.4221	0.4303 0.4218	0.4353	Ave		0.4284				1.7		15.0			
1,3-Dichloropropane	0.4375 0.4656	0.4501 0.4944	0.4582 0.4655	0.4433 0.4536	0.4512	Ave		0.4577				3.6		15.0			
Methyl n-butyl ketone (MNBK)	0.1677 0.1619	0.1670 0.1954	0.1705 0.1709	0.1597 0.1559	0.1625	Ave		0.1679				6.8		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3048 0.3837	0.3439 0.4153	0.3595 0.3959	0.3491 0.3985	0.3671	Ave		0.3686				9.2		15.0			
1,2-Dibromoethane	0.2872 0.2957	0.2814 0.3238	0.2862 0.3038	0.2793 0.2945	0.2927	Ave		0.2938				4.6		15.0			
Chlorobenzene	1.1185 1.1283	1.1133 1.1085	1.0821 1.1020	1.1024 1.0989	1.1296	Ave		1.1093			0.3000	1.4		15.0			
1,1,1,2-Tetrachloroethane	0.3718 0.4258	0.3835 0.4280	0.3979 0.4271	0.4163 0.4298	0.4238	Ave		0.4116				5.3		15.0			
Ethylbenzene	1.8084 1.7703	1.7885 1.7290	1.7679 1.7334	1.7825 1.7746	1.8069	Ave		1.7735				1.6		15.0			
m-Xylene & p-Xylene	1.2532 1.3053	1.2157 1.3872	1.1544 1.3546	1.1862 1.3431	1.2400	Ave		1.2711				6.3		15.0			
o-Xylene	1.1912 1.3188	1.1633 1.3986	1.1761 1.3895	1.1855 1.3740	1.2453	Ave		1.2714				7.8		15.0			
Styrene	1.9598 2.1599	1.8941 2.3100	1.8847 2.2745	1.9154 2.2484	1.9881	Ave		2.0705				8.5		15.0			
Bromoform	0.3383 0.4595	0.3802 0.5690	0.3702 0.5326	0.3807 0.5145	0.4065	Lin1	-0.194	0.5226			0.1000	19.5			0.9940		0.9900
Isopropylbenzene	3.1804 3.3948	3.0592 3.5071	3.0485 3.5167	3.1824 3.5240	3.3322	Ave		3.3050				5.9		15.0			
1,1,2,2-Tetrachloroethane	0.5252 0.6280	0.5562 0.7502	0.5692 0.6835	0.5654 0.6411	0.5796	Ave		0.6110			0.3000	11.7		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0849 0.1464	0.0925 0.1311	0.0933 0.1300	0.0969	Lin1	-0.090	0.1318				18.6			0.9920		0.9900
Bromobenzene	0.8825 0.9213	0.8554 0.9860	0.8489 0.9619	0.8357 0.9602	0.8754	Ave		0.9030				6.2		15.0			
1,2,3-Trichloropropane	0.1922 0.1969	0.1996 0.2269	0.1818 0.2037	0.1766 0.1905	0.1808	Ave		0.1943				7.8		15.0			
N-Propylbenzene	3.6581 3.6964	3.5829 3.7504	3.5230 3.7652	3.6825 3.7717	3.8059	Ave		3.6929				2.5		15.0			
2-Chlorotoluene	2.4424 2.5507	2.3385 2.5699	2.3535 2.6135	2.4029 2.6601	2.4847	Ave		2.4907				4.6		15.0			
1,3,5-Trimethylbenzene	2.7417 2.7435	2.6686 2.8200	2.7312 2.8778	2.8115 2.8181	2.7390	Ave		2.7724				2.3		15.0			
4-Chlorotoluene	2.1690 2.2377	2.1862 2.3049	2.0563 2.3131	2.1610 2.2835	2.2146	Ave		2.2140				3.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.4444 2.4655	2.4066 2.4548	2.3968 2.5745	2.5165 2.6105	2.6069	Ave		2.4974				3.3		15.0			
1,2,4-Trimethylbenzene	2.6004 2.6678	2.5699 2.6338	2.5300 2.7294	2.6331 2.7531	2.7119	Ave		2.6477				2.8		15.0			
sec-Butylbenzene	3.1024 3.0897	3.0754 3.0973	3.0312 3.2669	3.2084 3.2864	3.3057	Ave		3.1626				3.3		15.0			
1,3-Dichlorobenzene	1.7795 1.7297	1.6732 1.7418	1.6708 1.7450	1.6910 1.7770	1.7255	Ave		1.7260				2.3		15.0			
4-Isopropyltoluene	2.9985 2.9593	2.9481 2.9287	2.9099 3.0752	3.0899 3.1393	3.1699	Ave		3.0243				3.2		15.0			
1,4-Dichlorobenzene	1.7675 1.7134	1.7247 1.6967	1.6404 1.6915	1.6840 1.7238	1.7050	Ave		1.7052				2.0		15.0			
n-Butylbenzene	2.5523 2.3909	2.5420 2.3144	2.5377 2.4410	2.6646 2.4568	2.7036	Ave		2.5115				5.0		15.0			
1,2-Dichlorobenzene	1.5909 1.6496	1.6473 1.6322	1.6167 1.6318	1.6068 1.6215	1.6420	Ave		1.6265				1.2		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1159	0.1100 0.1377	0.1025 0.1276	0.1010 0.1187	0.1108	Ave		0.1155				10.7		15.0			
1,2,4-Trichlorobenzene	1.2721 1.1673	1.3663 1.0466	1.3411 1.0973	1.2932 1.1059	1.2973	Ave		1.2208				9.7		15.0			
Hexachlorobutadiene	0.7916 0.6718	0.8604 0.6343	0.8242 0.6800	0.8395 0.6821	0.8158	Ave		0.7555				11.5		15.0			
Naphthalene	2.3769 2.3745	2.4748 2.3288	2.4639 2.2876	2.3321 2.2047	2.4593	Ave		2.3669				3.8		15.0			
1,2,3-Trichlorobenzene	1.1174 1.0892	1.2404 0.9641	1.2516 0.9998	1.1661 1.0002	1.2026	Ave		1.1146				9.8		15.0			
Dibromofluoromethane (Surr)	0.2885 0.2907	0.2772 0.2896	0.2840 0.2789	0.2890 0.2858	0.2900	Ave		0.2860				1.7		15.0			
Toluene-d8 (Surr)	1.5981 1.4560	1.4480 1.4586	1.3963 1.3835	1.4645 1.4020	1.4684	Ave		1.4528				4.4		15.0			
4-Bromofluorobenzene (Surr)	1.2140 0.8593	0.9000 0.8979	0.8068 0.8538	0.8057 0.8690	0.8149	Ave		0.8912				14.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-287854/4	11032230.D
Level 2	STD2 550-287854/5	11032231.D
Level 3	STD3 550-287854/6	11032232.D
Level 4	STD4 550-287854/7	11032233.D
Level 5	STD5 550-287854/8	11032234.D
Level 6	STD6 550-287854/9	11032235.D
Level 7	ICIS 550-287854/10	11032236.D
Level 8	STD8 550-287854/11	11032237.D
Level 9	STD9 550-287854/12	11032238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Lin1	+++++	8287	16006	41647	83700	+++++	1.00	2.00	5.00	10.0
			208951	417579	643700	863227		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	12300	22801	44300	107885	232968	0.500	1.00	2.00	5.00	10.0
			591292	1162640	1773330	2368738		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	12087	21131	40537	97877	153308	0.500	1.00	2.00	5.00	10.0
			401314	958688	1306820	1724868		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	8106	17169	31850	86253	173290	0.500	1.00	2.00	5.00	10.0
			437251	855210	1312797	1755452		25.0	50.0	75.0	100	
Butadiene	FB	Ave	8896	16843	32602	86367	171916	0.500	1.00	2.00	5.00	10.0
			432274	851301	1300145	1743488		25.0	50.0	75.0	100	
Bromomethane	FB	Ave	6701	10483	19182	43767	84911	0.500	1.00	2.00	5.00	10.0
			218667	463717	765193	1066447		25.0	50.0	75.0	100	
Chloroethane	FB	Ave	5058	9827	18458	46852	93580	0.500	1.00	2.00	5.00	10.0
			235462	478225	757557	1072995		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Ave	13835	24567	49332	121361	247039	0.500	1.00	2.00	5.00	10.0
			617856	1218556	1870484	2500177		25.0	50.0	75.0	100	
Ethanol	TBAd9	Lin1	+++++	+++++	5771	9534	19621	+++++	+++++	40.0	100	200
			41631	99988	164847	215526		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	7139	13660	26004	66120	132772	0.500	1.00	2.00	5.00	10.0
			337324	678844	1028706	1389293		25.0	50.0	75.0	100	
Freon 113	FB	Ave	7192	13518	27025	68965	139366	0.500	1.00	2.00	5.00	10.0
			349076	690160	1053301	1418410		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	4780	8558	15840	32337	+++++	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			71859	166330	207668	292144		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	15365 570939	26227 1133226	47925 1732075	119695 2342034	231259	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	19777 941168	37524 1864768	70932 2858778	182852 3885440	369417	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	13859 336336	19593 655508	32195 986355	68727 1343112	134261	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Lin2	3719 121350	7071 292530	11461 383290	23452 491189	46416	2.50 125	5.00 250	10.0 375	25.0 500	50.0
Methyl tert-butyl ether	FB	Ave	14398 747179	30064 1573927	59435 2316372	140397 3064974	285053	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,2-Dichloroethene	FB	Ave	7452 363990	14346 717165	27357 1091358	70533 1471517	140783	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	9690 448264	17194 894492	33431 1373219	86363 1852158	176168	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	11119 577211	22631 1138734	42862 1739067	110300 2344069	220625	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	704 44587	1723 97993	3592 144472	7959 186897	16456	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	16368 823335	32187 1648337	62115 2503912	152910 3370834	312071	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	15514 801612	30432 1632175	60700 2464945	149448 3327133	300144	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 30445	1302 68270	2361 95257	5754 121967	11436	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	10907 527024	20280 1049168	38267 1608383	100125 2163959	204146	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	7517 385687	14931 762296	29000 1154164	73407 1566340	147273	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	3720 186607	7398 370131	13809 558484	35893 747014	71799	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Lin1	+++++ 27838	2086 62839	3077 86176	5894 111021	12231	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	12168 591945	23983 1161375	46214 1770410	113252 2401797	229956	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	11842 570394	22920 1132468	42602 1721082	109554 2328010	219925	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	10744 536504	20544 1056905	39218 1637485	101420 2219127	206891	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Ave	9402 431373	17147 850555	32934 1312789	82697 1792393	169569	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	26392 1263006	49415 2491590	96307 3793766	242836 5177644	484065	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	7476 367261	15020 758537	29686 1118932	70321 1515186	143768	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	14471 756176	28304 1555707	57008 2348116	140393 3111478	285874	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Ave	7395 349047	13580 689113	26797 1054757	67243 1437584	136353	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	5724 283758	10925 570024	21067 860985	52132 1179477	106908	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	3401 183682	6864 372238	14379 551106	34254 729149	68582	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	7597 417779	15158 839796	30918 1267765	77221 1738760	152880	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	2509 144601	5542 315911	10639 463464	25746 605116	53114	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	7780	16770	33981	83432	176371	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			480412	972976	1474191	2007228		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	4645	8083	15630	36387	73769	0.500	1.00	2.00	5.00	10.0
			191784	435013	609803	758862		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	16749	29276	59342	150835	305501	0.500	1.00	2.00	5.00	10.0
			797394	1537606	2381988	3289219		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	6556	13538	27910	70178	147342	0.500	1.00	2.00	5.00	10.0
			405207	843075	1253838	1720178		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	4711	8785	18280	44699	89786	0.500	1.00	2.00	5.00	10.0
			235817	490437	731123	979429		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	7707	13618	27992	68565	137039	0.500	1.00	2.00	5.00	10.0
			352216	669887	1051333	1453691		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	7776	14545	28994	70638	142052	0.500	1.00	2.00	5.00	10.0
			383974	784764	1159370	1563295		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	2981	5396	10786	25440	51156	0.500	1.00	2.00	5.00	10.0
			133512	310127	425619	537217		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	5417	11113	22747	55624	115558	0.500	1.00	2.00	5.00	10.0
			316473	659207	986154	1373459		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Ave	5105	9094	18112	44504	92136	0.500	1.00	2.00	5.00	10.0
			243828	513964	756764	1014989		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	19881	35980	68472	175653	355637	0.500	1.00	2.00	5.00	10.0
			930536	1759548	2744719	3787249		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6609	12393	25181	66338	133413	0.500	1.00	2.00	5.00	10.0
			351151	679377	1063772	1481203		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	32143	57798	111864	284023	568847	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1459991	2744441	4317493	6115739		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	12820	23369	44205	113457	230000	0.500	1.00	2.00	5.00	10.0
			590270	1093770	1713268	2433449		25.0	50.0	75.0	100	
o-Xylene	DCBd 4	Ave	12186	22361	45036	113388	230979	0.500	1.00	2.00	5.00	10.0
			596363	1102767	1757376	2489368		25.0	50.0	75.0	100	
Styrene	DCBd 4	Ave	20048	36409	72167	183206	368740	0.500	1.00	2.00	5.00	10.0
			976727	1821407	2876741	4073657		25.0	50.0	75.0	100	
Bromoform	DCBd 4	Lin1	3461	7309	14175	36416	75395	0.500	1.00	2.00	5.00	10.0
			207798	448612	673641	932135		25.0	50.0	75.0	100	
Isopropylbenzene	DCBd 4	Ave	32535	58804	116731	304387	618051	0.500	1.00	2.00	5.00	10.0
			1535127	2765314	4447920	6384950		25.0	50.0	75.0	100	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5373	10692	21797	54080	107495	0.500	1.00	2.00	5.00	10.0
			283985	591531	864543	1161589		25.0	50.0	75.0	100	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	1632	3541	8921	17964	+++++	1.00	2.00	5.00	10.0
			49543	115425	165843	235599		25.0	50.0	75.0	100	
Bromobenzene	DCBd 4	Ave	9028	16443	32504	79932	162358	0.500	1.00	2.00	5.00	10.0
			416601	777457	1216631	1739659		25.0	50.0	75.0	100	
1,2,3-Trichloropropane	DCBd 4	Ave	1966	3836	6960	16891	33538	0.500	1.00	2.00	5.00	10.0
			89048	178905	257575	345230		25.0	50.0	75.0	100	
N-Propylbenzene	DCBd 4	Ave	37422	68870	134900	352218	705915	0.500	1.00	2.00	5.00	10.0
			1671545	2957134	4762155	6833611		25.0	50.0	75.0	100	
2-Chlorotoluene	DCBd 4	Ave	24985	44951	90119	229830	460861	0.500	1.00	2.00	5.00	10.0
			1153446	2026291	3305517	4819550		25.0	50.0	75.0	100	
1,3,5-Trimethylbenzene	DCBd 4	Ave	28047	51297	104580	268912	508032	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			1240604	2223508	3639794	5105865		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	22188	42024	78737	206697	410767	0.500	1.00	2.00	5.00	10.0
			1011919	1817393	2925530	4137291		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Ave	25006	46259	91779	240694	483514	0.500	1.00	2.00	5.00	10.0
			1114906	1935535	3256219	4729715		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	26602	49398	96879	251844	502992	0.500	1.00	2.00	5.00	10.0
			1206372	2076668	3452051	4988214		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	31737	59115	116071	306873	613132	0.500	1.00	2.00	5.00	10.0
			1397170	2442130	4131905	5954380		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	18204	32162	63978	161734	320044	0.500	1.00	2.00	5.00	10.0
			782193	1373413	2207118	3219631		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	30674	56668	111423	295543	587952	0.500	1.00	2.00	5.00	10.0
			1338220	2309199	3889447	5687819		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	18081	33153	62813	161066	316239	0.500	1.00	2.00	5.00	10.0
			774798	1337786	2139443	3123296		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	26110	48862	97171	254863	501452	0.500	1.00	2.00	5.00	10.0
			1081192	1824868	3087386	4451351		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	16275	31664	61906	153686	304555	0.500	1.00	2.00	5.00	10.0
			745964	1286930	2063903	2937840		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	2115	3925	9662	20545	+++++	1.00	2.00	5.00	10.0
			52427	108561	161361	215067		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	13013	26264	51354	123692	240612	0.500	1.00	2.00	5.00	10.0
			527877	825209	1387789	2003749		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	8098	16538	31561	80294	151304	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 287854

SDG No.:

Instrument ID: GCMS15 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2022 20:12 Calibration End Date: 11/03/2022 23:00 Calibration ID: 24357

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303802	500160	860035	1235803		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	24315 1073774	47570 1836236	94346 2893271	223054 3994468	456140	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	11431 492528	23843 760157	47926 1264493	111538 1812202	223058	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromofluoromethane (Surr)	FB	Ave	5687 264652	10083 520666	20413 766954	51709 1061325	102070	0.400 20.0	0.800 40.0	1.60 60.0	4.00 80.0	8.00
Toluene-d8 (Surr)	CBNZ d5	Ave	22724 960642	37437 1852093	70682 2756738	186679 3865342	369827	0.400 20.0	0.800 40.0	1.60 60.0	4.00 80.0	8.00
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	9935 310857	13840 566354	24714 863856	61647 1259583	120915	0.400 20.0	0.800 40.0	1.60 60.0	4.00 80.0	8.00

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

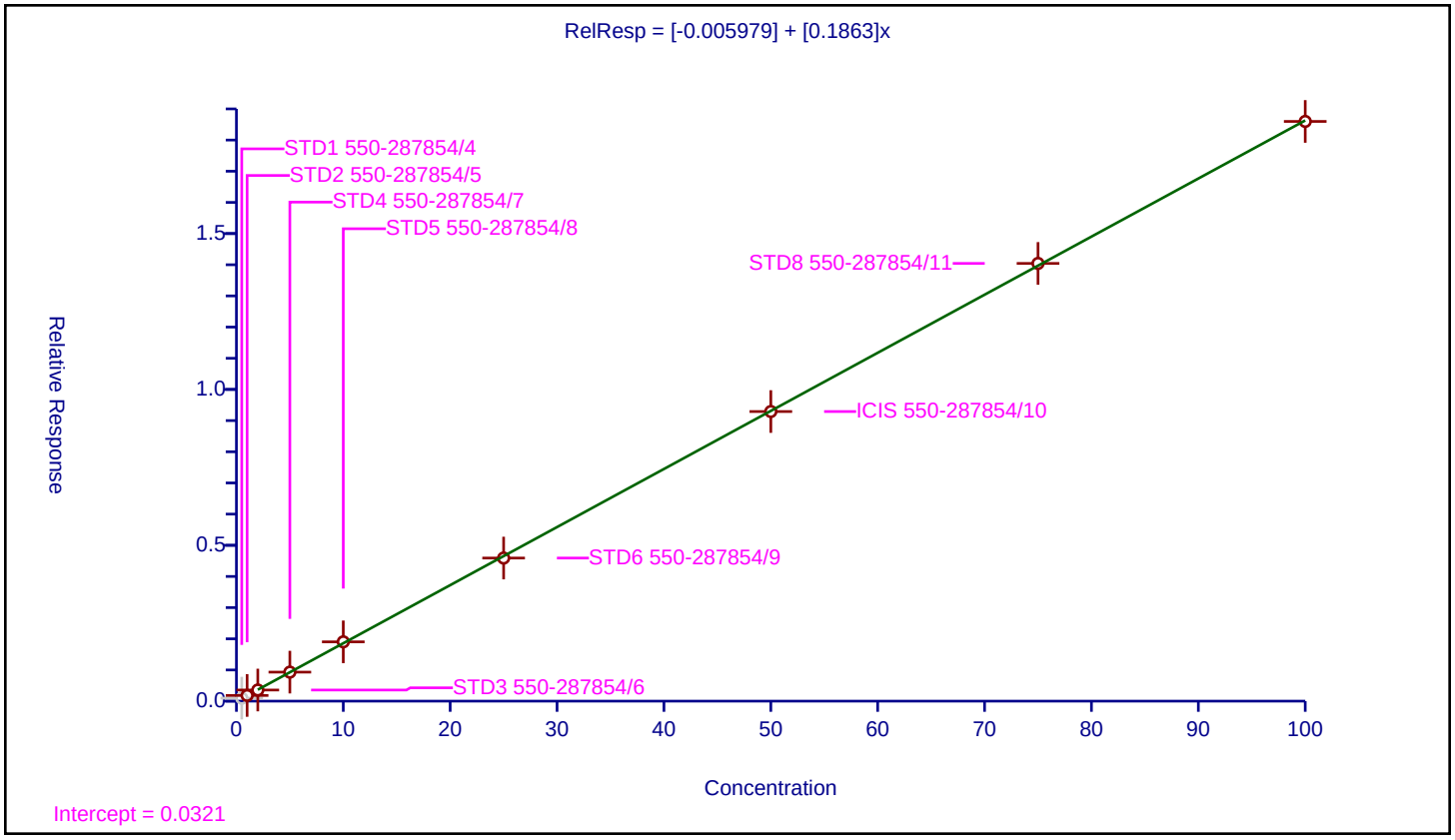
Curve Coefficients

Intercept:	-0.005979
Slope:	0.1863

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096281	25.0	1232073.0	0.192562	N
2	STD2 550-287854/5	1.0	0.182287	25.0	1136535.0	0.182287	Y
3	STD3 550-287854/6	2.0	0.356326	25.0	1122990.0	0.178163	Y
4	STD4 550-287854/7	5.0	0.930902	25.0	1118458.0	0.18618	Y
5	STD5 550-287854/8	10.0	1.902608	25.0	1099806.0	0.190261	Y
6	STD6 550-287854/9	25.0	4.590235	25.0	1138019.0	0.183609	Y
7	ICIS 550-287854/10	50.0	9.291228	25.0	1123584.0	0.185825	Y
8	STD8 550-287854/11	75.0	14.042333	25.0	1145999.0	0.187231	Y
9	STD9 550-287854/12	100.0	18.597874	25.0	1160384.0	0.185979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

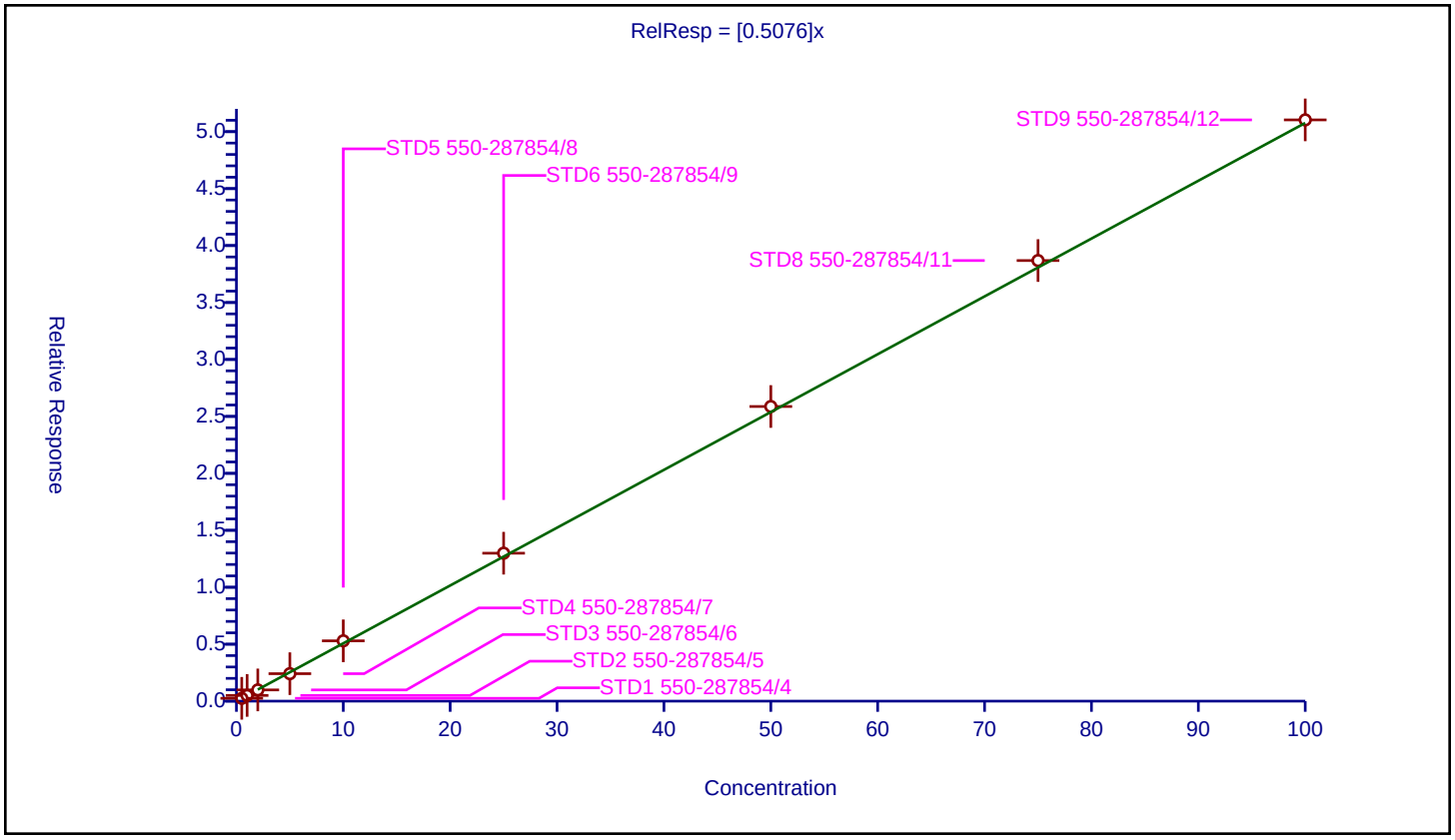
Curve Coefficients

Intercept:	0
Slope:	0.5076

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.249579	25.0	1232073.0	0.499159	Y
2	STD2 550-287854/5	1.0	0.501546	25.0	1136535.0	0.501546	Y
3	STD3 550-287854/6	2.0	0.986206	25.0	1122990.0	0.493103	Y
4	STD4 550-287854/7	5.0	2.411467	25.0	1118458.0	0.482293	Y
5	STD5 550-287854/8	10.0	5.295661	25.0	1099806.0	0.529566	Y
6	STD6 550-287854/9	25.0	12.989502	25.0	1138019.0	0.51958	Y
7	ICIS 550-287854/10	50.0	25.869005	25.0	1123584.0	0.51738	Y
8	STD8 550-287854/11	75.0	38.685243	25.0	1145999.0	0.515803	Y
9	STD9 550-287854/12	100.0	51.033494	25.0	1160384.0	0.510335	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

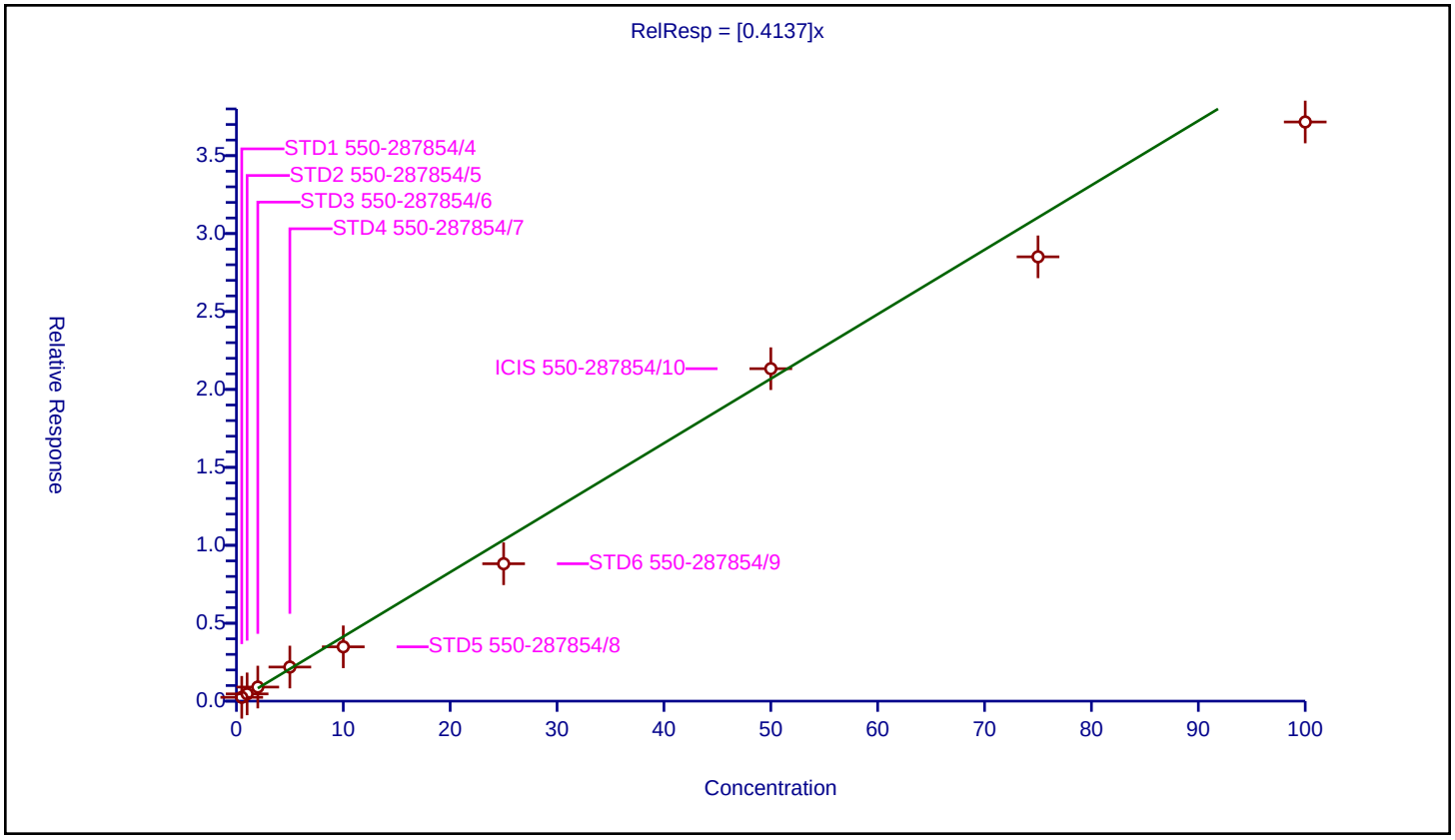
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	851000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.245257	25.0	1232073.0	0.490515	Y
2	STD2 550-287854/5	1.0	0.464812	25.0	1136535.0	0.464812	Y
3	STD3 550-287854/6	2.0	0.902435	25.0	1122990.0	0.451217	Y
4	STD4 550-287854/7	5.0	2.187767	25.0	1118458.0	0.437553	Y
5	STD5 550-287854/8	10.0	3.484887	25.0	1099806.0	0.348489	Y
6	STD6 550-287854/9	25.0	8.816065	25.0	1138019.0	0.352643	Y
7	ICIS 550-287854/10	50.0	21.331026	25.0	1123584.0	0.426621	Y
8	STD8 550-287854/11	75.0	28.508315	25.0	1145999.0	0.380111	Y
9	STD9 550-287854/12	100.0	37.161578	25.0	1160384.0	0.371616	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

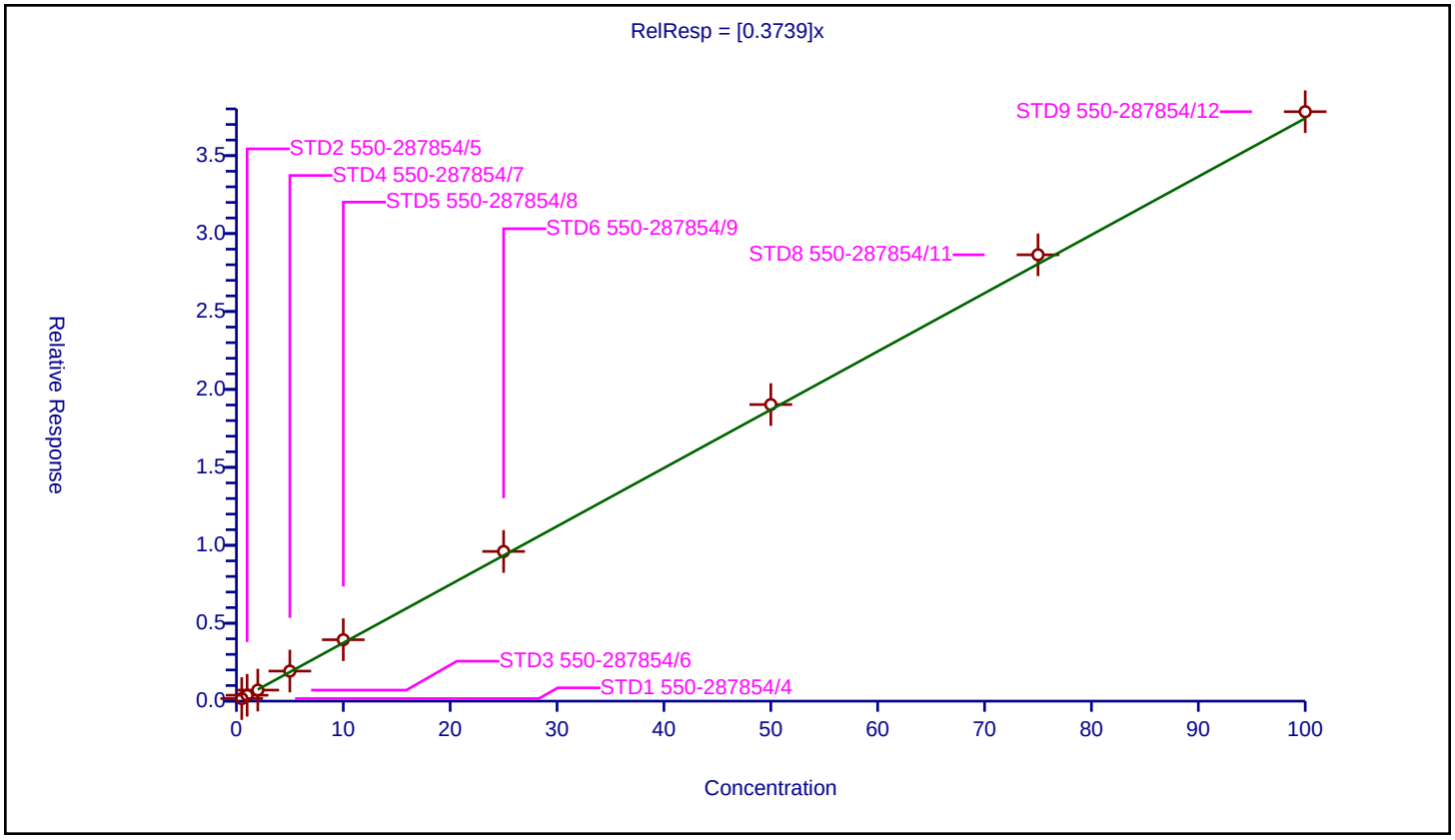
Curve Coefficients

Intercept:	0
Slope:	0.3739

Error Coefficients

Standard Error:	849000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.164479	25.0	1232073.0	0.328958	Y
2	STD2 550-287854/5	1.0	0.377661	25.0	1136535.0	0.377661	Y
3	STD3 550-287854/6	2.0	0.709045	25.0	1122990.0	0.354522	Y
4	STD4 550-287854/7	5.0	1.927945	25.0	1118458.0	0.385589	Y
5	STD5 550-287854/8	10.0	3.939104	25.0	1099806.0	0.39391	Y
6	STD6 550-287854/9	25.0	9.605529	25.0	1138019.0	0.384221	Y
7	ICIS 550-287854/10	50.0	19.028617	25.0	1123584.0	0.380572	Y
8	STD8 550-287854/11	75.0	28.638703	25.0	1145999.0	0.381849	Y
9	STD9 550-287854/12	100.0	37.820497	25.0	1160384.0	0.378205	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

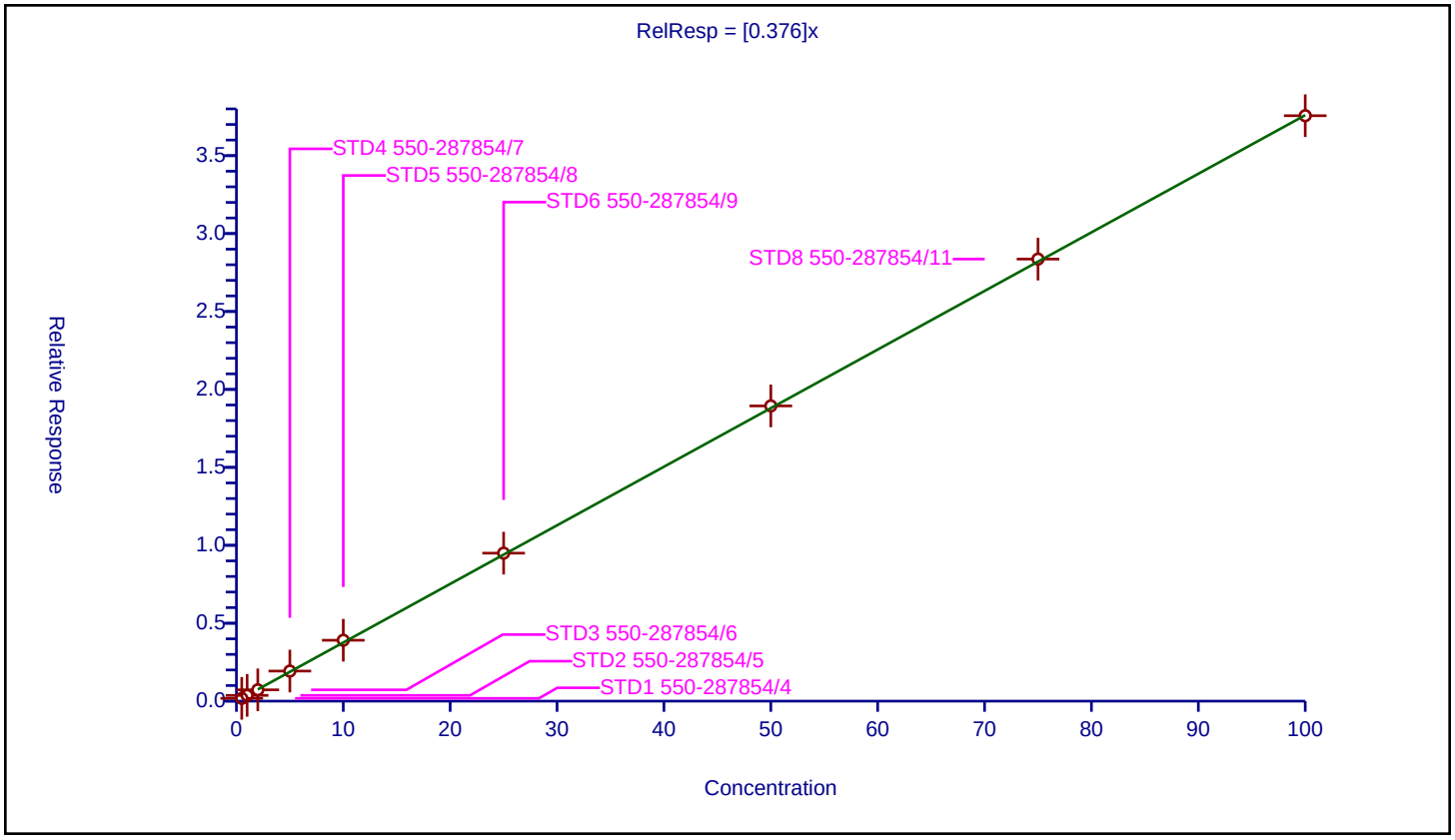
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	843000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.180509	25.0	1232073.0	0.361018	Y
2	STD2 550-287854/5	1.0	0.37049	25.0	1136535.0	0.37049	Y
3	STD3 550-287854/6	2.0	0.725786	25.0	1122990.0	0.362893	Y
4	STD4 550-287854/7	5.0	1.930493	25.0	1118458.0	0.386099	Y
5	STD5 550-287854/8	10.0	3.907871	25.0	1099806.0	0.390787	Y
6	STD6 550-287854/9	25.0	9.496195	25.0	1138019.0	0.379848	Y
7	ICIS 550-287854/10	50.0	18.941641	25.0	1123584.0	0.378833	Y
8	STD8 550-287854/11	75.0	28.362699	25.0	1145999.0	0.378169	Y
9	STD9 550-287854/12	100.0	37.562738	25.0	1160384.0	0.375627	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

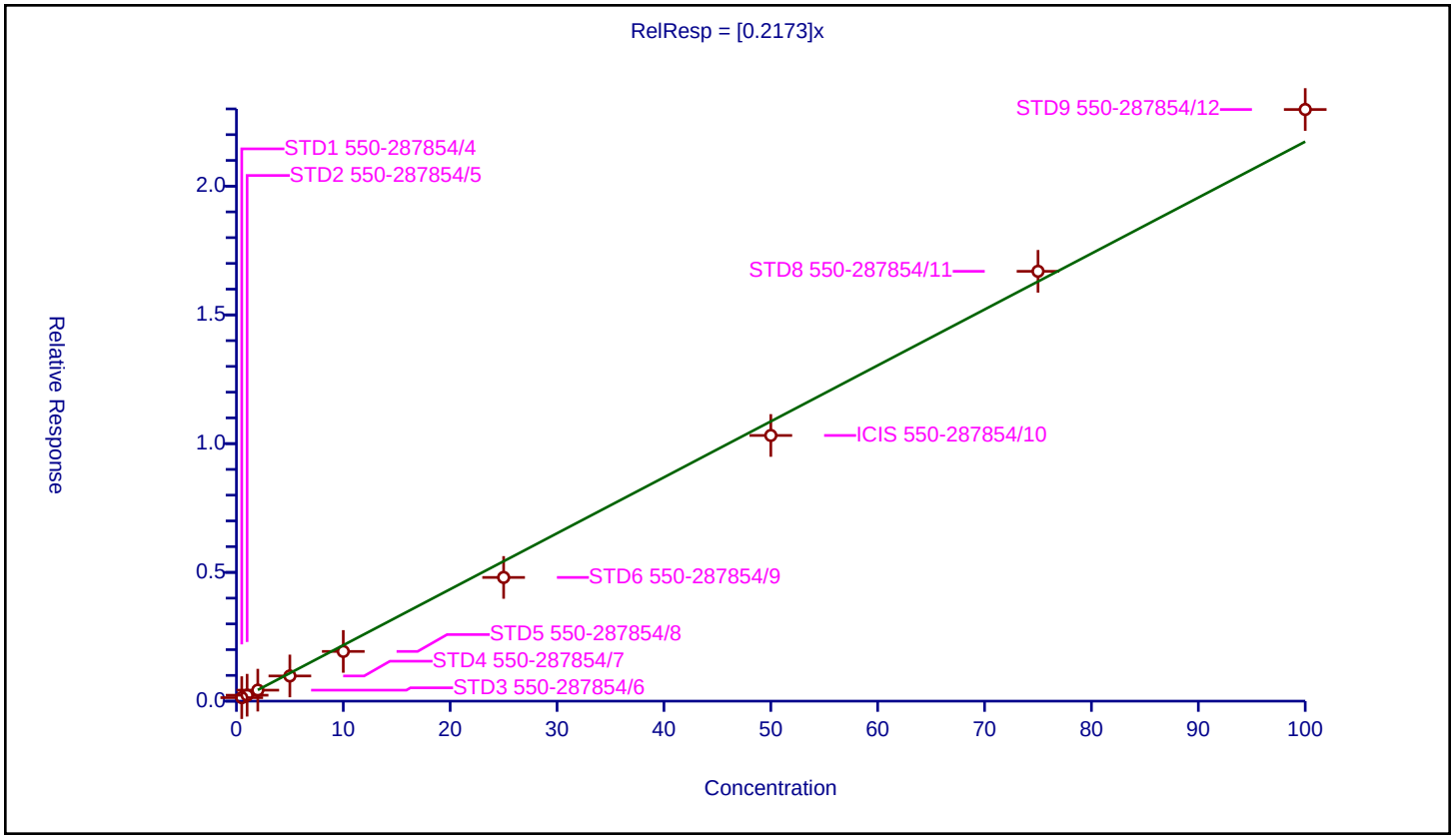
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Standard Error:	499000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.13597	25.0	1232073.0	0.27194	Y
2	STD2 550-287854/5	1.0	0.230591	25.0	1136535.0	0.230591	Y
3	STD3 550-287854/6	2.0	0.42703	25.0	1122990.0	0.213515	Y
4	STD4 550-287854/7	5.0	0.978289	25.0	1118458.0	0.195658	Y
5	STD5 550-287854/8	10.0	1.930136	25.0	1099806.0	0.193014	Y
6	STD6 550-287854/9	25.0	4.803676	25.0	1138019.0	0.192147	Y
7	ICIS 550-287854/10	50.0	10.317809	25.0	1123584.0	0.206356	Y
8	STD8 550-287854/11	75.0	16.692707	25.0	1145999.0	0.222569	Y
9	STD9 550-287854/12	100.0	22.976166	25.0	1160384.0	0.229762	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

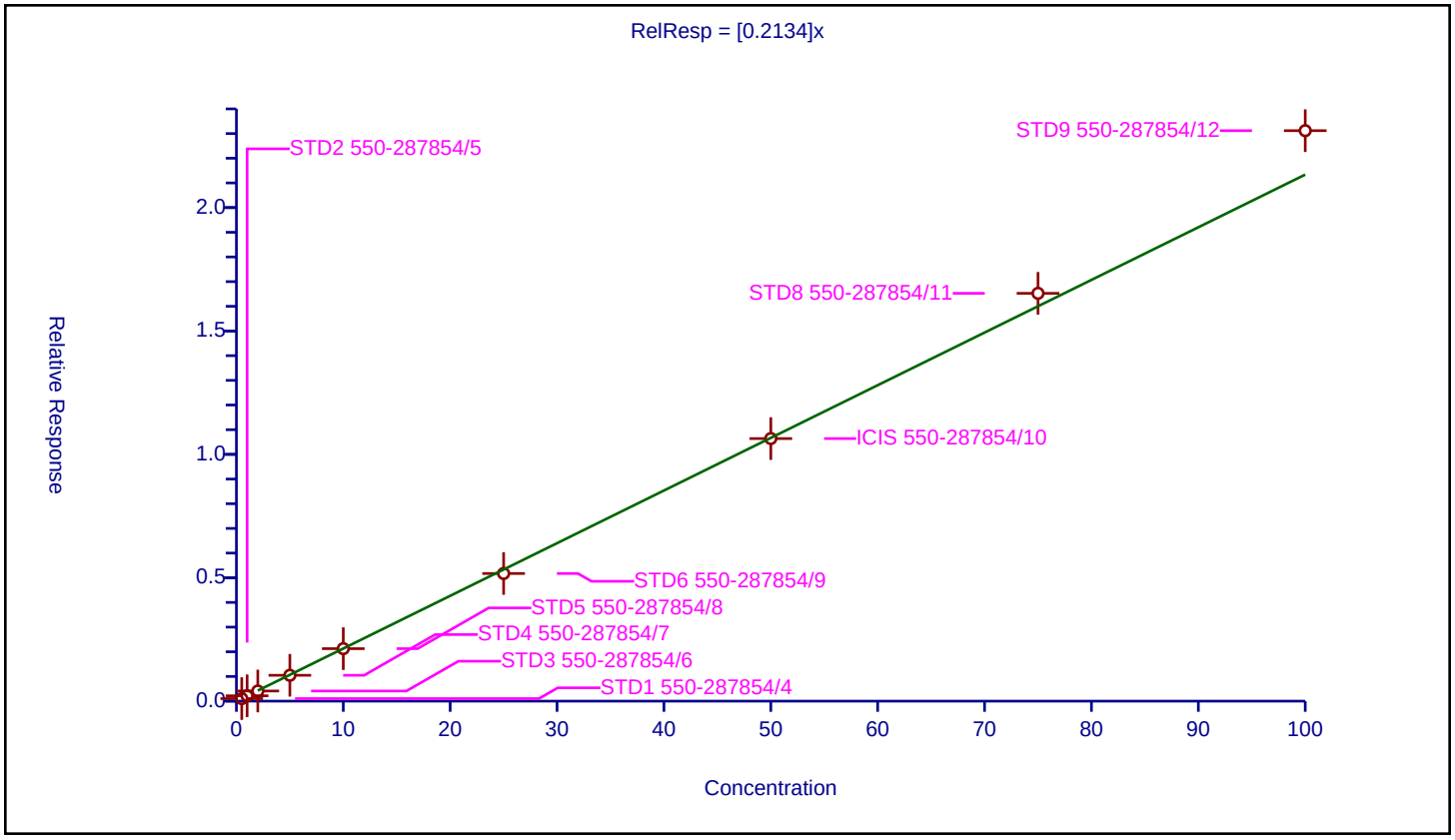
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	503000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.102632	25.0	1232073.0	0.205264	Y
2	STD2 550-287854/5	1.0	0.216161	25.0	1136535.0	0.216161	Y
3	STD3 550-287854/6	2.0	0.410912	25.0	1122990.0	0.205456	Y
4	STD4 550-287854/7	5.0	1.047245	25.0	1118458.0	0.209449	Y
5	STD5 550-287854/8	10.0	2.127193	25.0	1099806.0	0.212719	Y
6	STD6 550-287854/9	25.0	5.172629	25.0	1138019.0	0.206905	Y
7	ICIS 550-287854/10	50.0	10.640615	25.0	1123584.0	0.212812	Y
8	STD8 550-287854/11	75.0	16.526127	25.0	1145999.0	0.220348	Y
9	STD9 550-287854/12	100.0	23.11724	25.0	1160384.0	0.231172	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

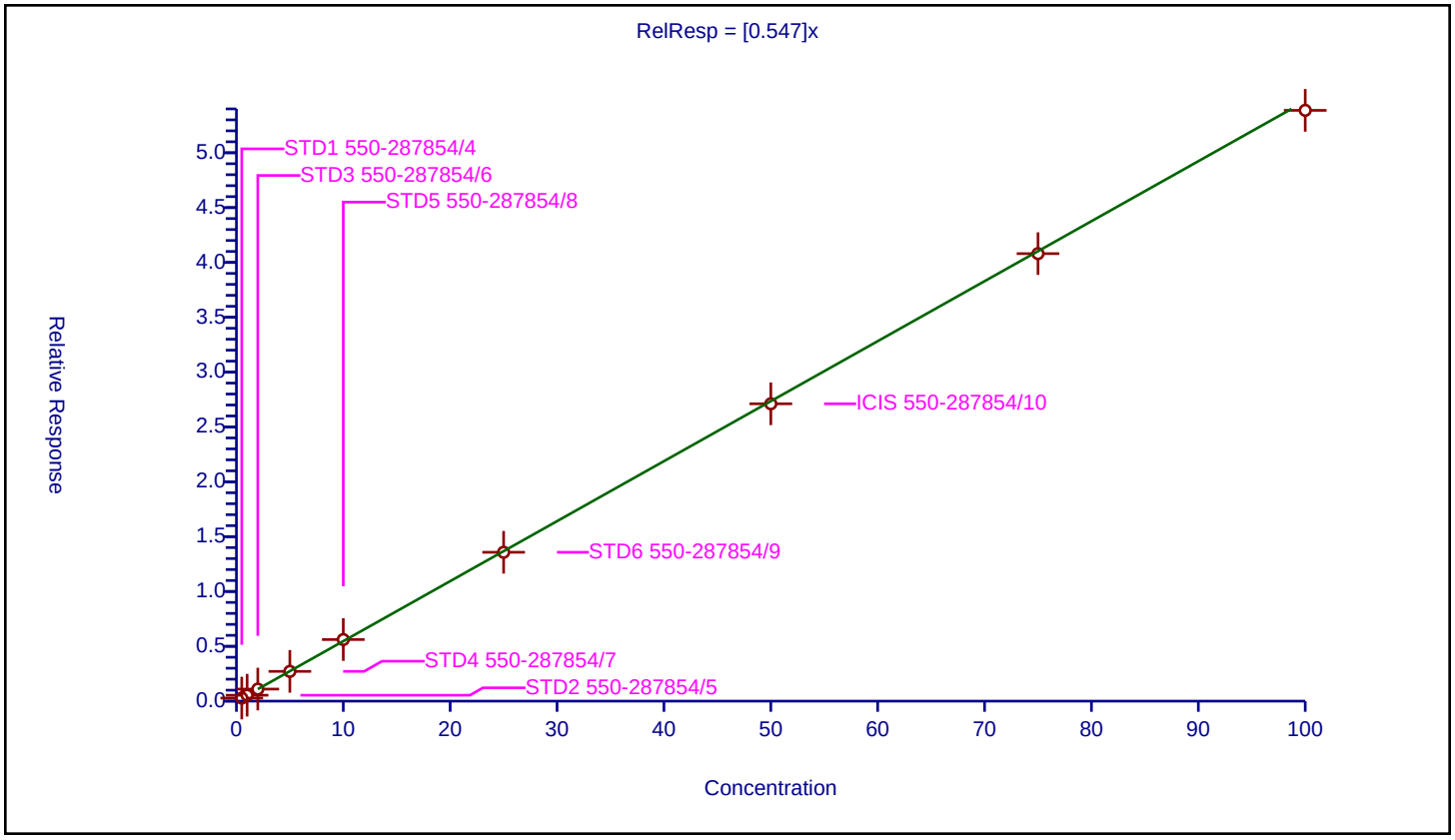
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.280726	25.0	1232073.0	0.561452	Y
2	STD2 550-287854/5	1.0	0.540393	25.0	1136535.0	0.540393	Y
3	STD3 550-287854/6	2.0	1.098229	25.0	1122990.0	0.549114	Y
4	STD4 550-287854/7	5.0	2.712686	25.0	1118458.0	0.542537	Y
5	STD5 550-287854/8	10.0	5.615513	25.0	1099806.0	0.561551	Y
6	STD6 550-287854/9	25.0	13.57306	25.0	1138019.0	0.542922	Y
7	ICIS 550-287854/10	50.0	27.113149	25.0	1123584.0	0.542263	Y
8	STD8 550-287854/11	75.0	40.80466	25.0	1145999.0	0.544062	Y
9	STD9 550-287854/12	100.0	53.865294	25.0	1160384.0	0.538653	Y



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

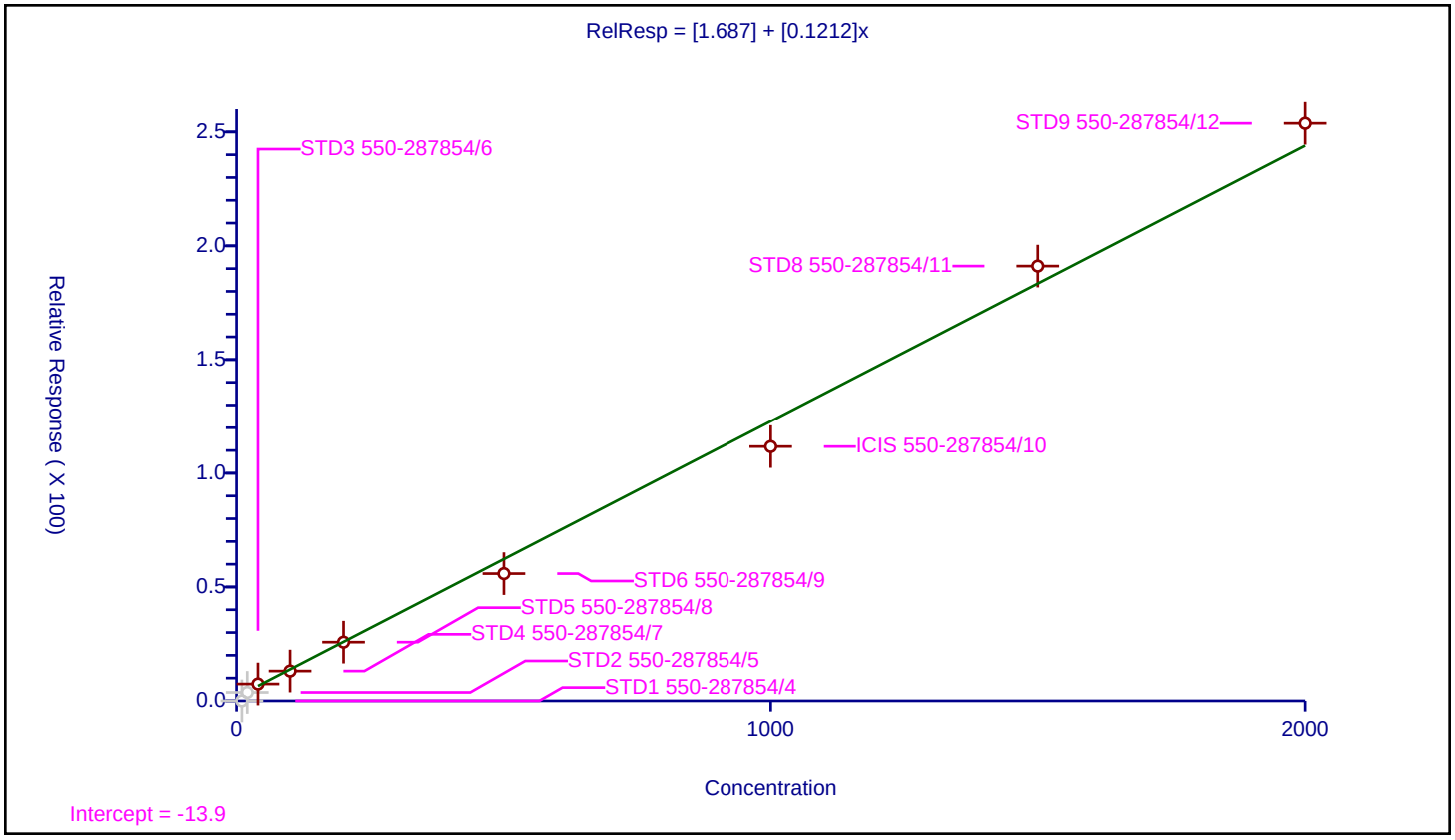
Curve Coefficients

Intercept:	1.687
Slope:	0.1212

Error Coefficients

Standard Error:	131000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	10.0	0.0	200.0	151520.0	0.0	N
2	STD2 550-287854/5	20.0	3.709729	200.0	166589.0	0.185486	N
3	STD3 550-287854/6	40.0	7.401565	200.0	155940.0	0.185039	Y
4	STD4 550-287854/7	100.0	13.09004	200.0	145668.0	0.1309	Y
5	STD5 550-287854/8	200.0	25.775898	200.0	152243.0	0.128879	Y
6	STD6 550-287854/9	500.0	55.872287	200.0	149022.0	0.111745	Y
7	ICIS 550-287854/10	1000.0	111.728423	200.0	178984.0	0.111728	Y
8	STD8 550-287854/11	1500.0	191.119201	200.0	172507.0	0.127413	Y
9	STD9 550-287854/12	2000.0	253.79887	200.0	169840.0	0.126899	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

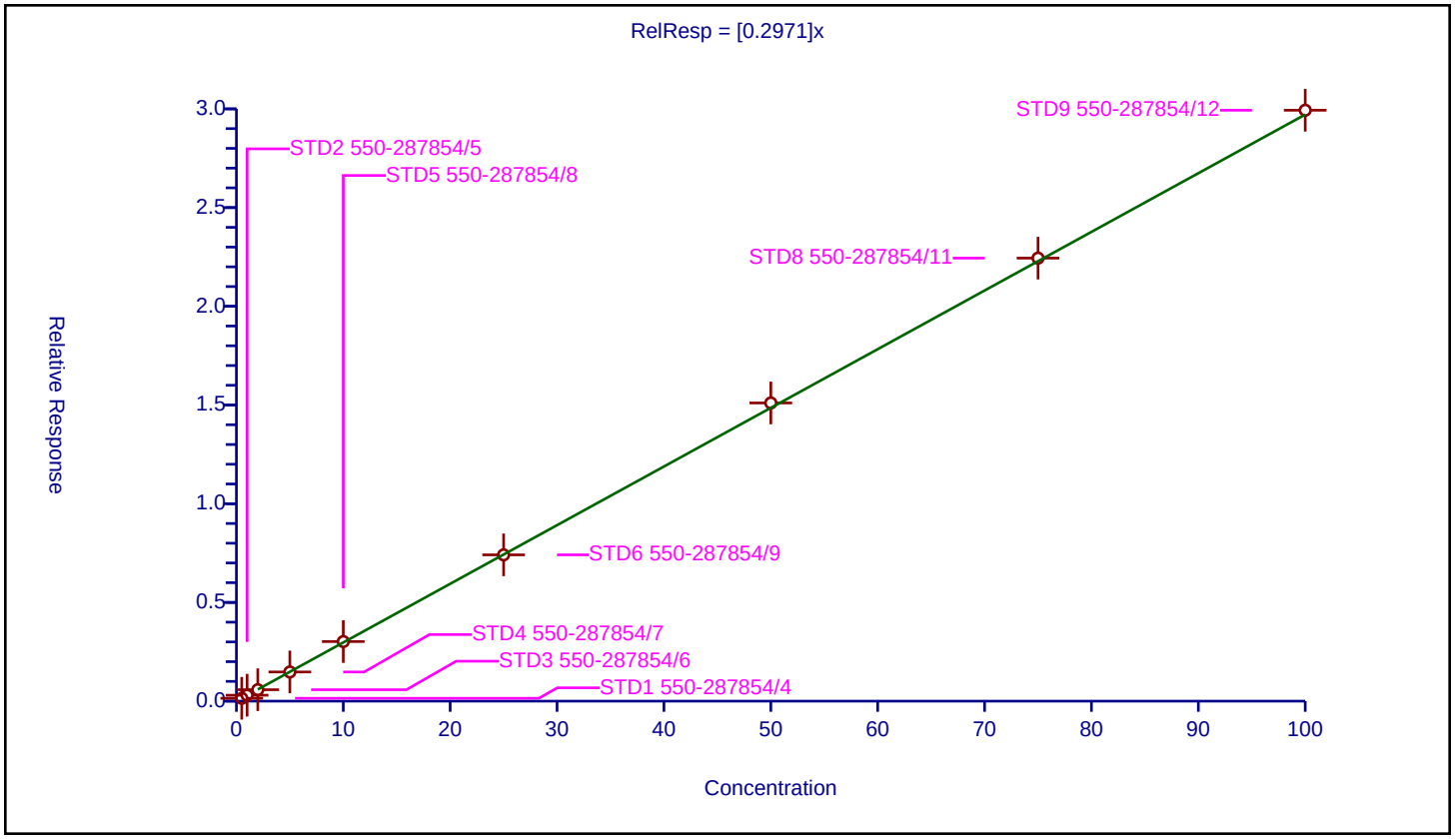
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	669000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.144857	25.0	1232073.0	0.289715	Y
2	STD2 550-287854/5	1.0	0.300475	25.0	1136535.0	0.300475	Y
3	STD3 550-287854/6	2.0	0.578901	25.0	1122990.0	0.28945	Y
4	STD4 550-287854/7	5.0	1.477928	25.0	1118458.0	0.295586	Y
5	STD5 550-287854/8	10.0	3.018078	25.0	1099806.0	0.301808	Y
6	STD6 550-287854/9	25.0	7.410333	25.0	1138019.0	0.296413	Y
7	ICIS 550-287854/10	50.0	15.104434	25.0	1123584.0	0.302089	Y
8	STD8 550-287854/11	75.0	22.44125	25.0	1145999.0	0.299217	Y
9	STD9 550-287854/12	100.0	29.931751	25.0	1160384.0	0.299318	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

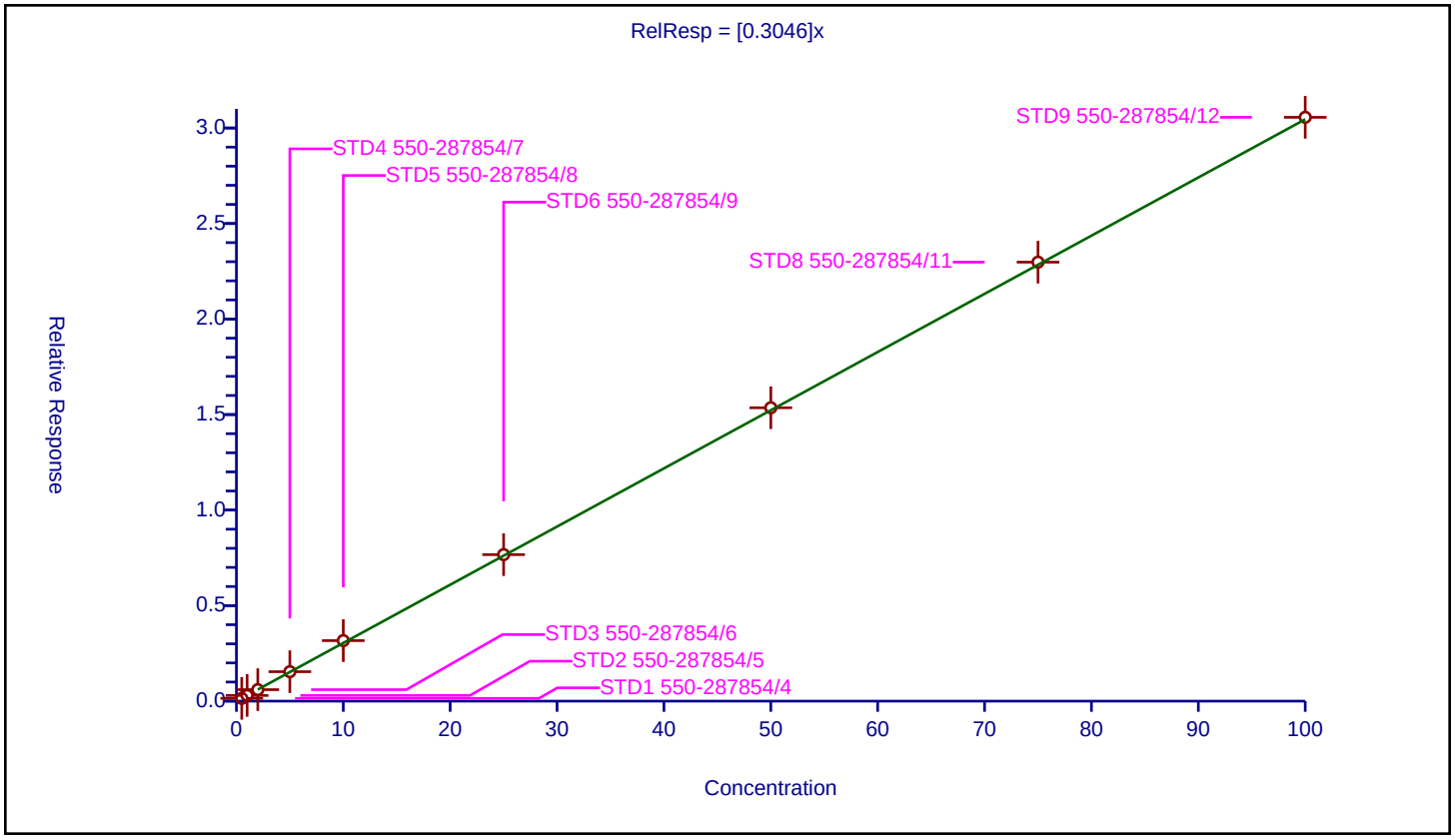
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Standard Error:	684000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.145933	25.0	1232073.0	0.291866	Y
2	STD2 550-287854/5	1.0	0.297351	25.0	1136535.0	0.297351	Y
3	STD3 550-287854/6	2.0	0.60163	25.0	1122990.0	0.300815	Y
4	STD4 550-287854/7	5.0	1.54152	25.0	1118458.0	0.308304	Y
5	STD5 550-287854/8	10.0	3.167968	25.0	1099806.0	0.316797	Y
6	STD6 550-287854/9	25.0	7.668501	25.0	1138019.0	0.30674	Y
7	ICIS 550-287854/10	50.0	15.356217	25.0	1123584.0	0.307124	Y
8	STD8 550-287854/11	75.0	22.977791	25.0	1145999.0	0.306371	Y
9	STD9 550-287854/12	100.0	30.559065	25.0	1160384.0	0.305591	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

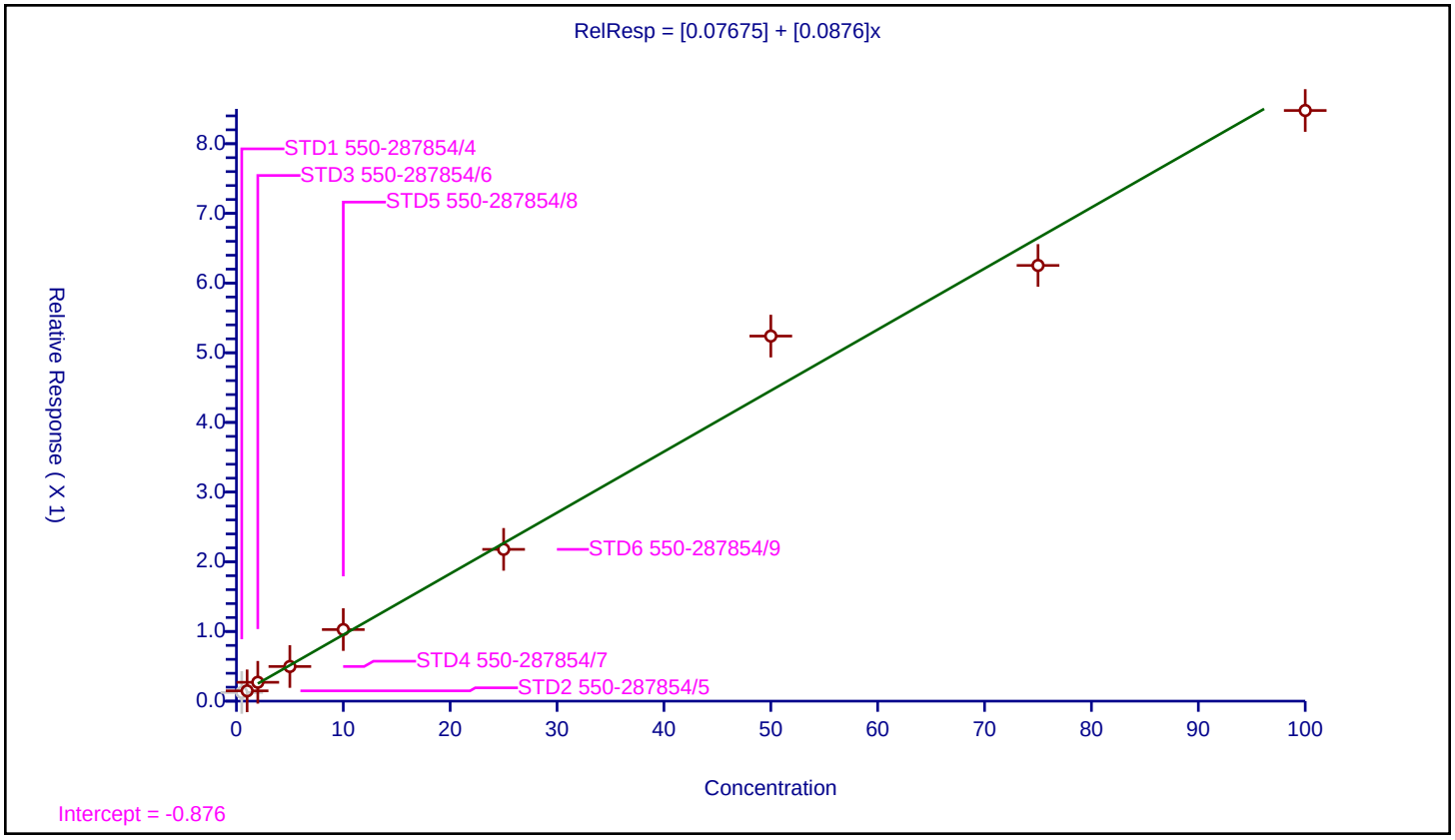
Curve Coefficients

Intercept:	0.07675
Slope:	0.0876

Error Coefficients

Standard Error:	165000
Relative Standard Error:	12.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.12428	25.0	888722.0	0.248559	N
2	STD2 550-287854/5	1.0	0.147909	25.0	807929.0	0.147909	Y
3	STD3 550-287854/6	2.0	0.270494	25.0	790960.0	0.135247	Y
4	STD4 550-287854/7	5.0	0.497053	25.0	796695.0	0.099411	Y
5	STD5 550-287854/8	10.0	1.027141	25.0	787063.0	0.102714	Y
6	STD6 550-287854/9	25.0	2.178306	25.0	824712.0	0.087132	Y
7	ICIS 550-287854/10	50.0	5.239545	25.0	793628.0	0.104791	Y
8	STD8 550-287854/11	75.0	6.253199	25.0	830247.0	0.083376	Y
9	STD9 550-287854/12	100.0	8.477033	25.0	861575.0	0.08477	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

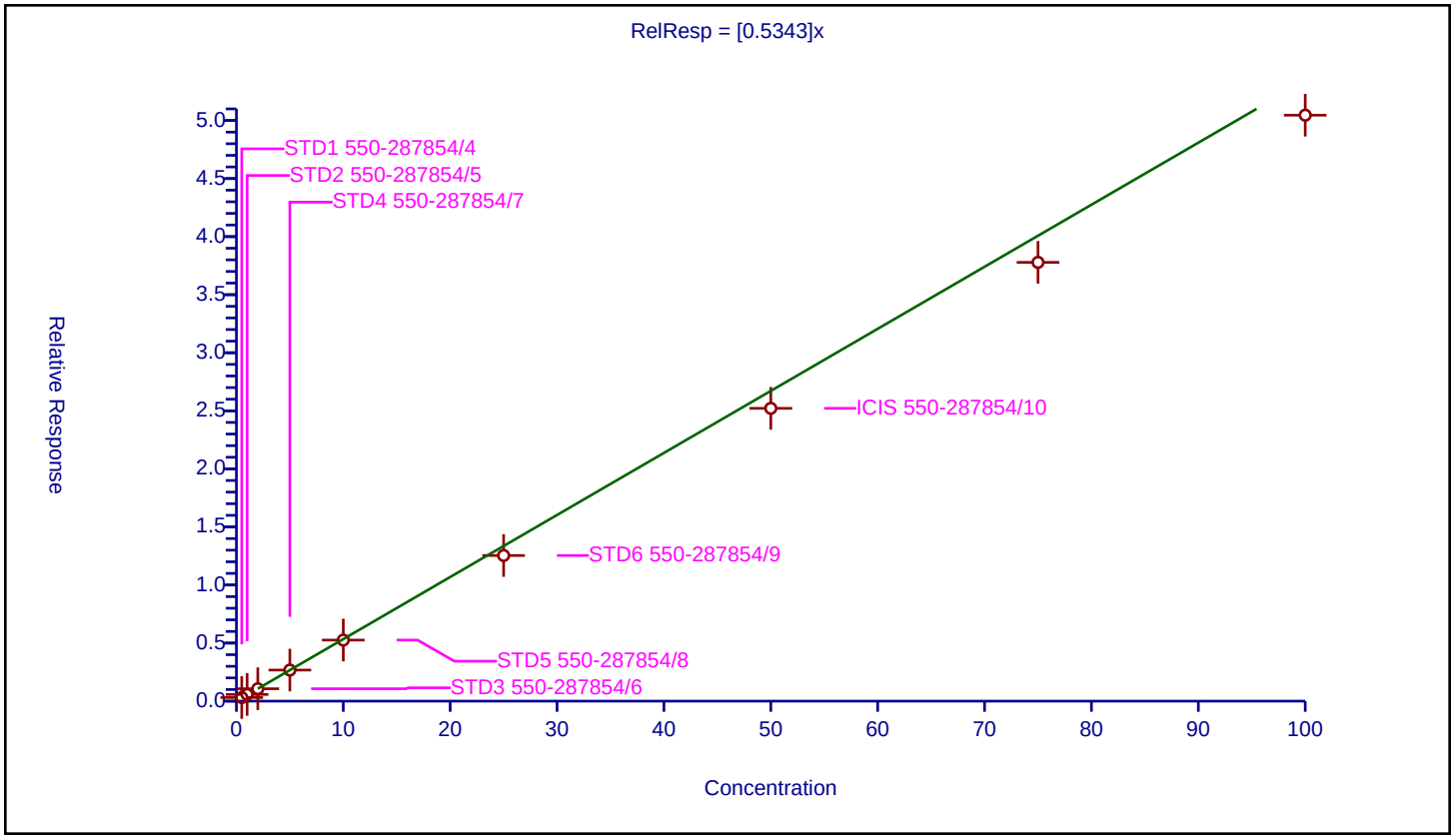
Curve Coefficients

Intercept:	0
Slope:	0.5343

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.311771	25.0	1232073.0	0.623543	Y
2	STD2 550-287854/5	1.0	0.576907	25.0	1136535.0	0.576907	Y
3	STD3 550-287854/6	2.0	1.066906	25.0	1122990.0	0.533453	Y
4	STD4 550-287854/7	5.0	2.675447	25.0	1118458.0	0.535089	Y
5	STD5 550-287854/8	10.0	5.256813	25.0	1099806.0	0.525681	Y
6	STD6 550-287854/9	25.0	12.542387	25.0	1138019.0	0.501695	Y
7	ICIS 550-287854/10	50.0	25.214537	25.0	1123584.0	0.504291	Y
8	STD8 550-287854/11	75.0	37.785264	25.0	1145999.0	0.503804	Y
9	STD9 550-287854/12	100.0	50.458167	25.0	1160384.0	0.504582	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

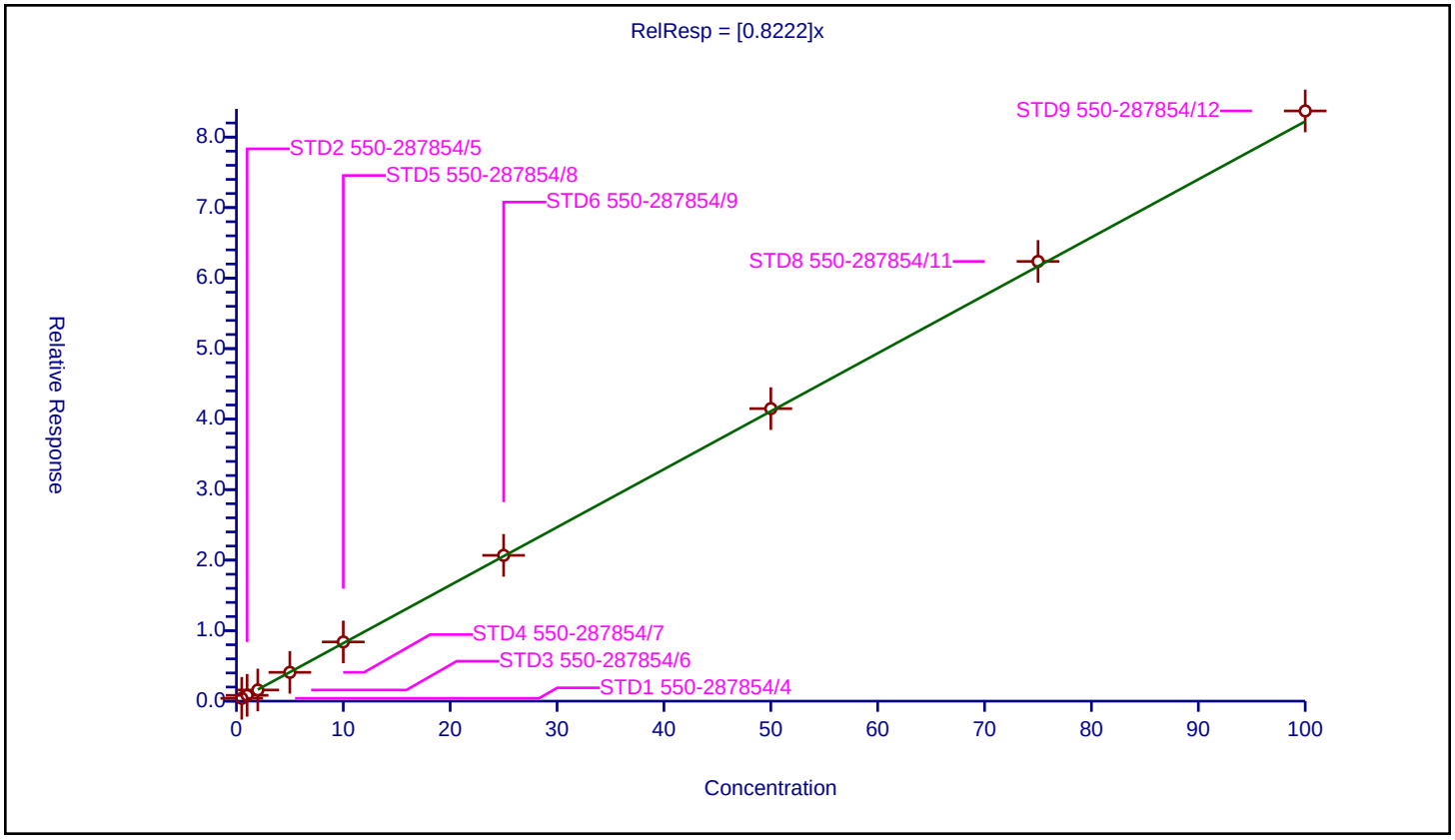
Curve Coefficients

Intercept:	0
Slope:	0.8222

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.401295	25.0	1232073.0	0.80259	Y
2	STD2 550-287854/5	1.0	0.825404	25.0	1136535.0	0.825404	Y
3	STD3 550-287854/6	2.0	1.579088	25.0	1122990.0	0.789544	Y
4	STD4 550-287854/7	5.0	4.087145	25.0	1118458.0	0.817429	Y
5	STD5 550-287854/8	10.0	8.397322	25.0	1099806.0	0.839732	Y
6	STD6 550-287854/9	25.0	20.675577	25.0	1138019.0	0.827023	Y
7	ICIS 550-287854/10	50.0	41.491513	25.0	1123584.0	0.82983	Y
8	STD8 550-287854/11	75.0	62.364321	25.0	1145999.0	0.831524	Y
9	STD9 550-287854/12	100.0	83.71022	25.0	1160384.0	0.837102	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

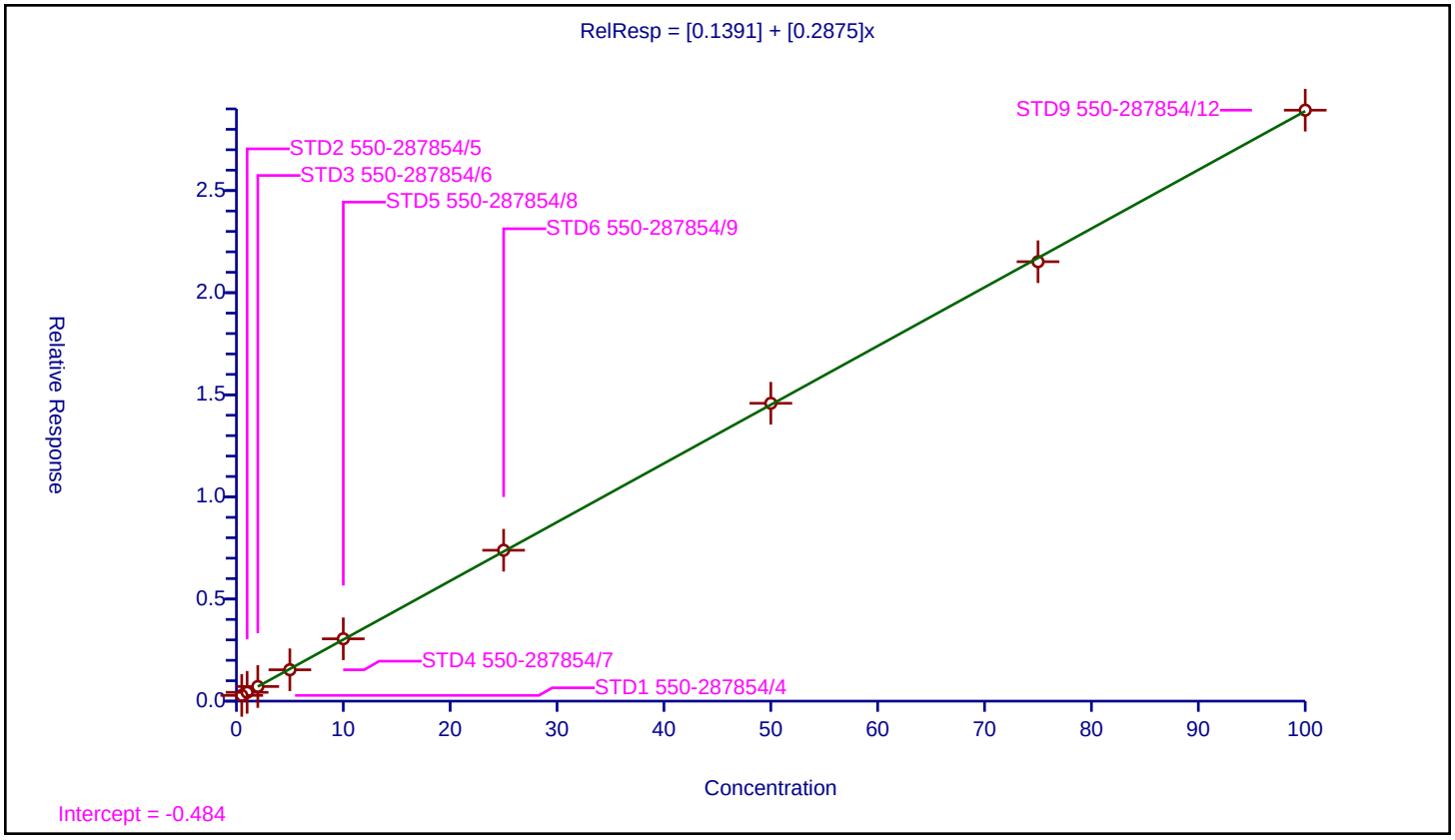
Curve Coefficients

Intercept:	0.1391
Slope:	0.2875

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.281213	25.0	1232073.0	0.562426	Y
2	STD2 550-287854/5	1.0	0.430981	25.0	1136535.0	0.430981	Y
3	STD3 550-287854/6	2.0	0.716725	25.0	1122990.0	0.358362	Y
4	STD4 550-287854/7	5.0	1.5362	25.0	1118458.0	0.30724	Y
5	STD5 550-287854/8	10.0	3.051925	25.0	1099806.0	0.305192	Y
6	STD6 550-287854/9	25.0	7.388629	25.0	1138019.0	0.295545	Y
7	ICIS 550-287854/10	50.0	14.585202	25.0	1123584.0	0.291704	Y
8	STD8 550-287854/11	75.0	21.517362	25.0	1145999.0	0.286898	Y
9	STD9 550-287854/12	100.0	28.9368	25.0	1160384.0	0.289368	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

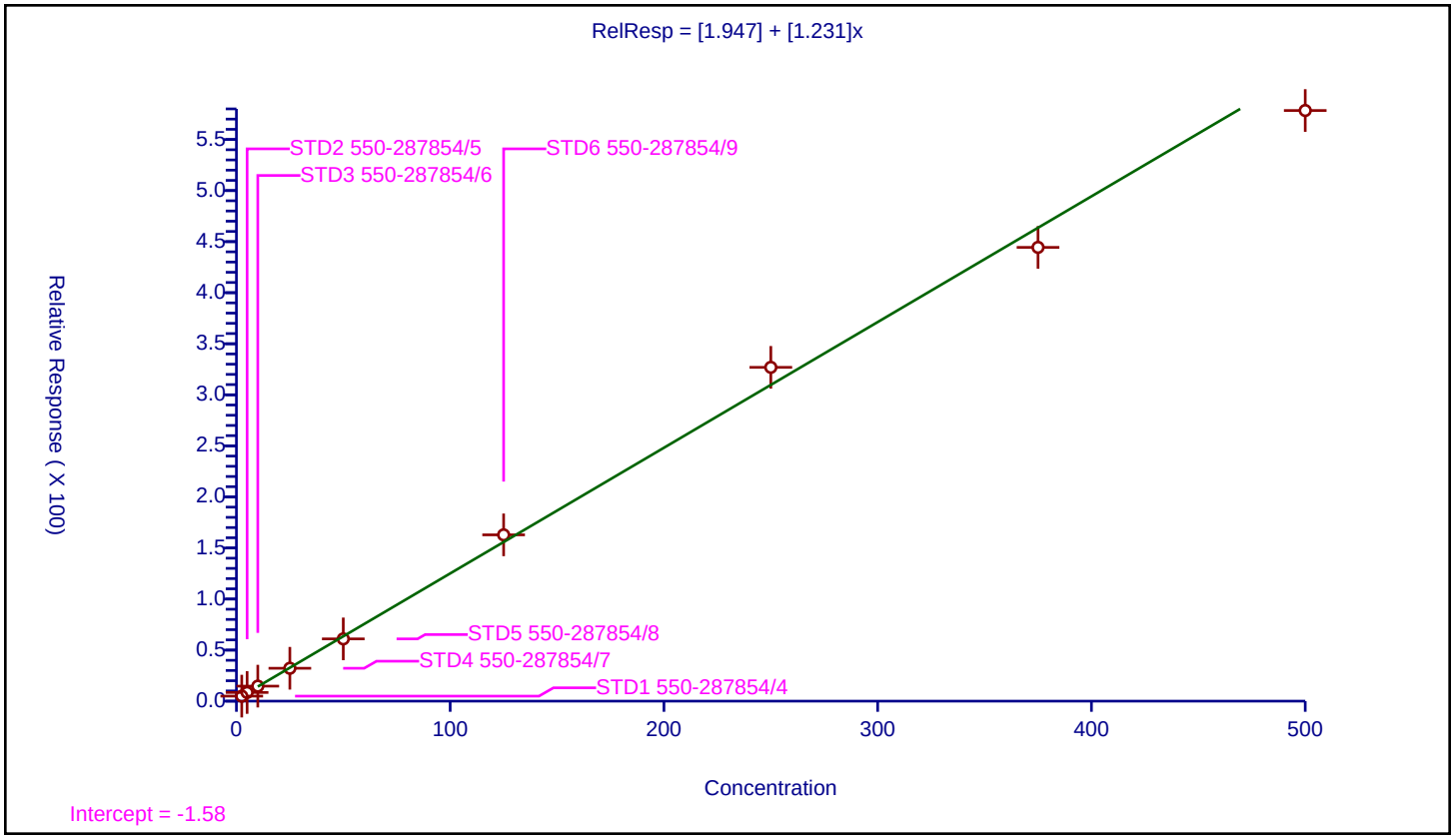
Curve Coefficients

Intercept:	1.947
Slope:	1.231

Error Coefficients

Standard Error:	265000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	2.5	4.908923	200.0	151520.0	1.963569	Y
2	STD2 550-287854/5	5.0	8.489156	200.0	166589.0	1.697831	Y
3	STD3 550-287854/6	10.0	14.699243	200.0	155940.0	1.469924	Y
4	STD4 550-287854/7	25.0	32.199248	200.0	145668.0	1.28797	Y
5	STD5 550-287854/8	50.0	60.976203	200.0	152243.0	1.219524	Y
6	STD6 550-287854/9	125.0	162.861859	200.0	149022.0	1.302895	Y
7	ICIS 550-287854/10	250.0	326.87838	200.0	178984.0	1.307514	Y
8	STD8 550-287854/11	375.0	444.37617	200.0	172507.0	1.185003	Y
9	STD9 550-287854/12	500.0	578.413801	200.0	169840.0	1.156828	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

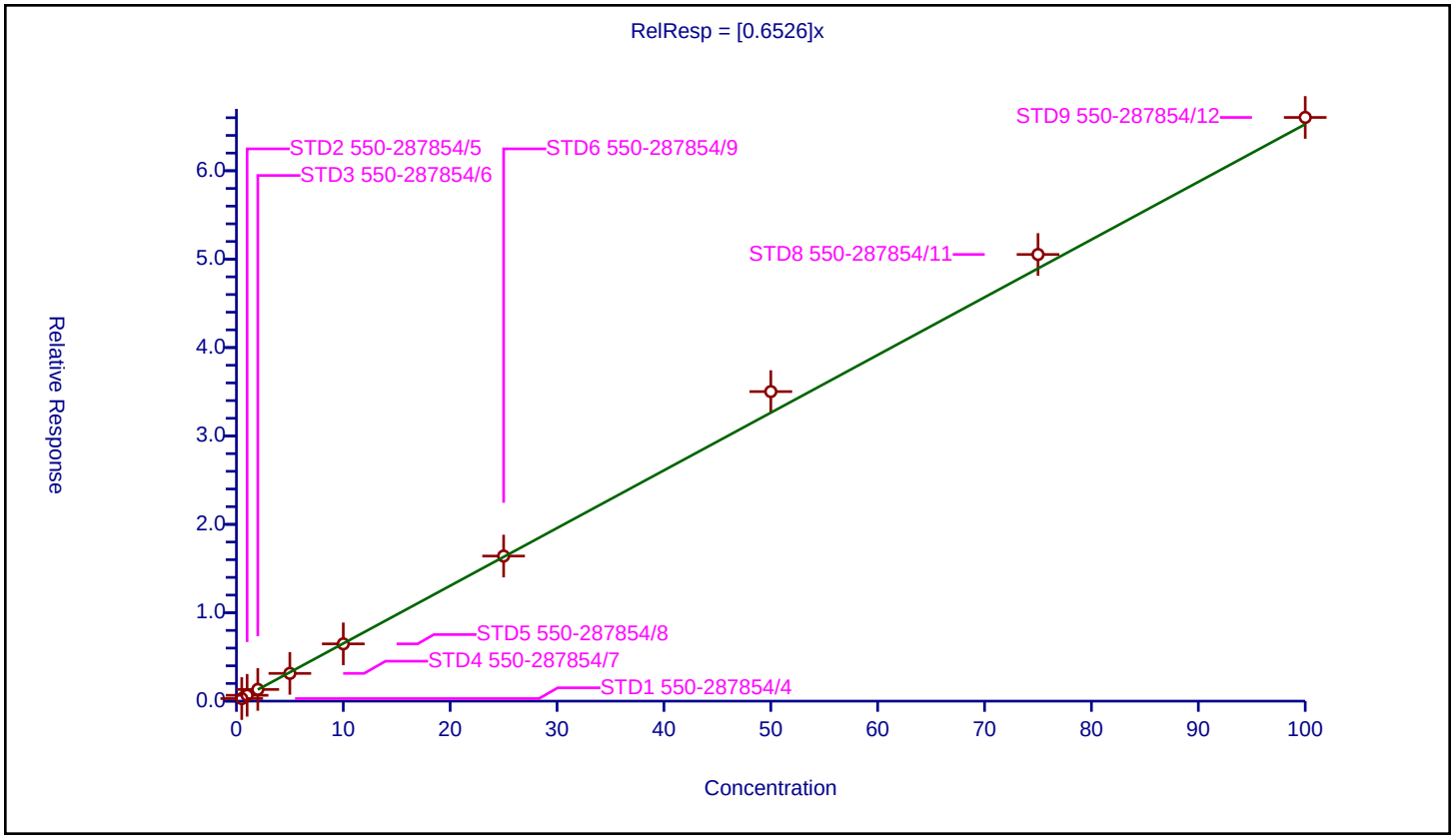
Curve Coefficients

Intercept:	0
Slope:	0.6526

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.29215	25.0	1232073.0	0.5843	Y
2	STD2 550-287854/5	1.0	0.661308	25.0	1136535.0	0.661308	Y
3	STD3 550-287854/6	2.0	1.323142	25.0	1122990.0	0.661571	Y
4	STD4 550-287854/7	5.0	3.138182	25.0	1118458.0	0.627636	Y
5	STD5 550-287854/8	10.0	6.47962	25.0	1099806.0	0.647962	Y
6	STD6 550-287854/9	25.0	16.414027	25.0	1138019.0	0.656561	Y
7	ICIS 550-287854/10	50.0	35.020234	25.0	1123584.0	0.700405	Y
8	STD8 550-287854/11	75.0	50.531719	25.0	1145999.0	0.673756	Y
9	STD9 550-287854/12	100.0	66.033615	25.0	1160384.0	0.660336	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

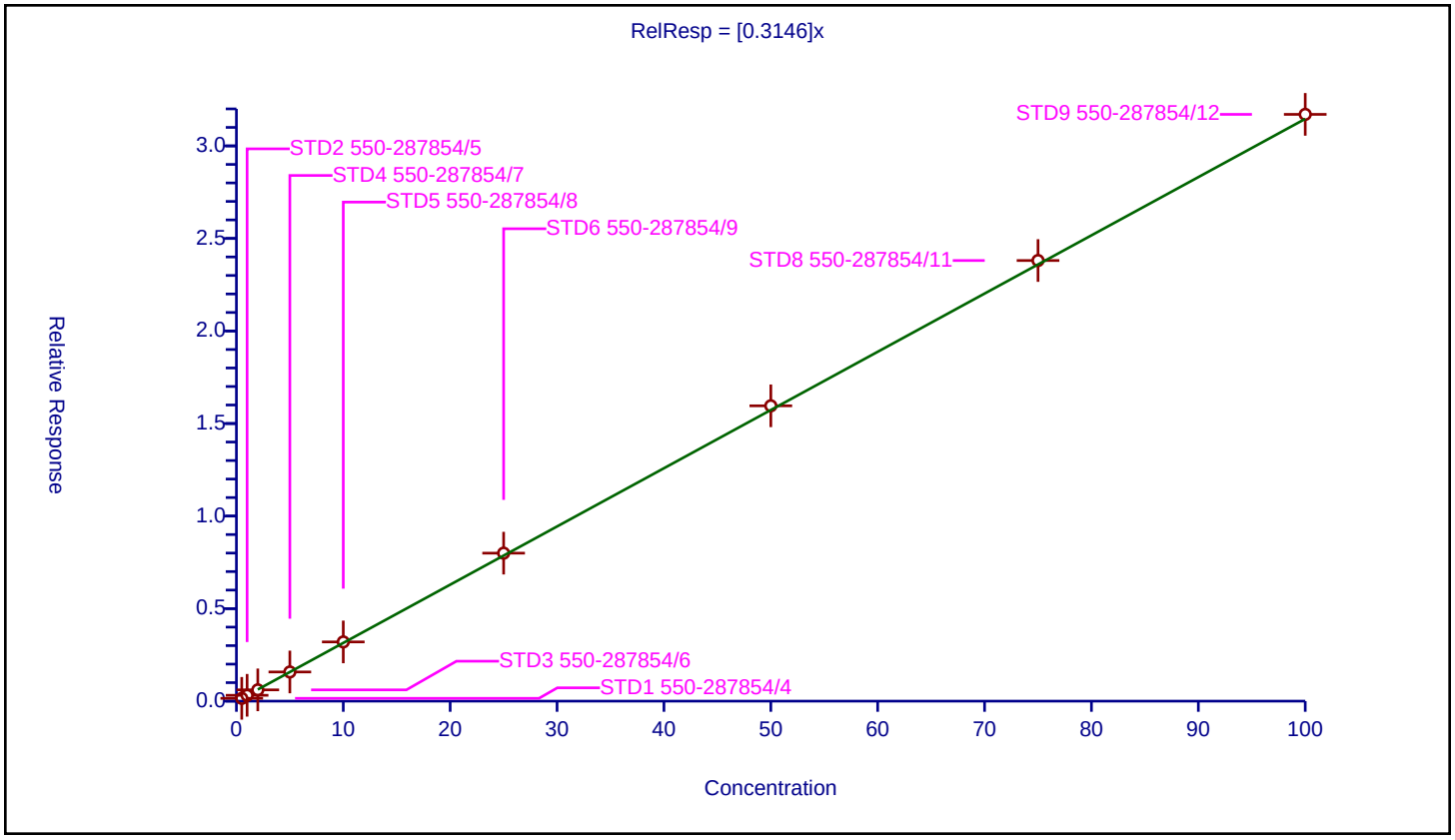
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	710000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.151209	25.0	1232073.0	0.302417	Y
2	STD2 550-287854/5	1.0	0.315564	25.0	1136535.0	0.315564	Y
3	STD3 550-287854/6	2.0	0.609021	25.0	1122990.0	0.304511	Y
4	STD4 550-287854/7	5.0	1.576568	25.0	1118458.0	0.315314	Y
5	STD5 550-287854/8	10.0	3.200178	25.0	1099806.0	0.320018	Y
6	STD6 550-287854/9	25.0	7.996132	25.0	1138019.0	0.319845	Y
7	ICIS 550-287854/10	50.0	15.957085	25.0	1123584.0	0.319142	Y
8	STD8 550-287854/11	75.0	23.808005	25.0	1145999.0	0.31744	Y
9	STD9 550-287854/12	100.0	31.703234	25.0	1160384.0	0.317032	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

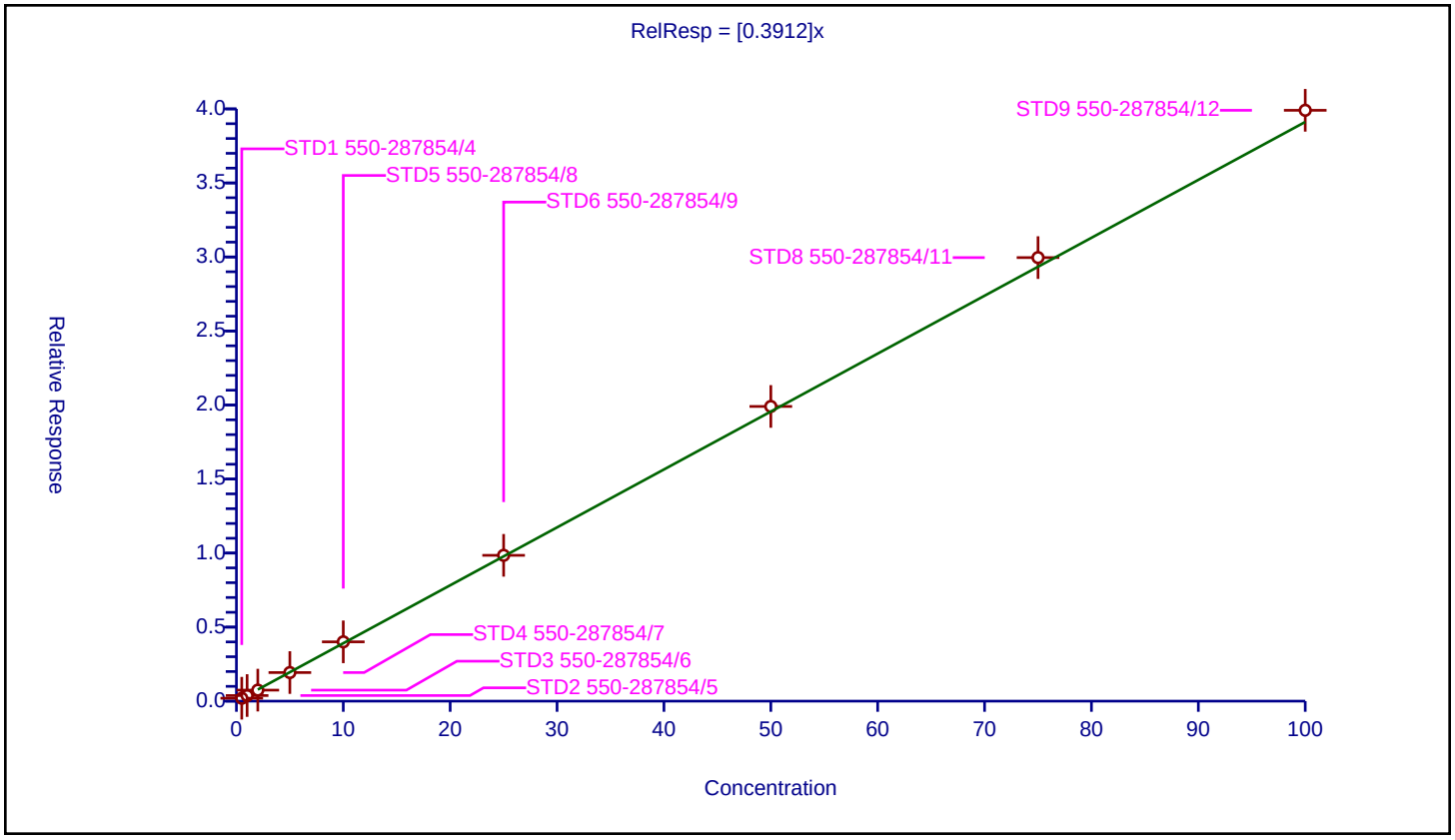
Curve Coefficients

Intercept:	0
Slope:	0.3912

Error Coefficients

Standard Error:	891000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.19662	25.0	1232073.0	0.39324	Y
2	STD2 550-287854/5	1.0	0.378211	25.0	1136535.0	0.378211	Y
3	STD3 550-287854/6	2.0	0.744241	25.0	1122990.0	0.37212	Y
4	STD4 550-287854/7	5.0	1.930403	25.0	1118458.0	0.386081	Y
5	STD5 550-287854/8	10.0	4.004524	25.0	1099806.0	0.400452	Y
6	STD6 550-287854/9	25.0	9.847463	25.0	1138019.0	0.393899	Y
7	ICIS 550-287854/10	50.0	19.902651	25.0	1123584.0	0.398053	Y
8	STD8 550-287854/11	75.0	29.956811	25.0	1145999.0	0.399424	Y
9	STD9 550-287854/12	100.0	39.903989	25.0	1160384.0	0.39904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

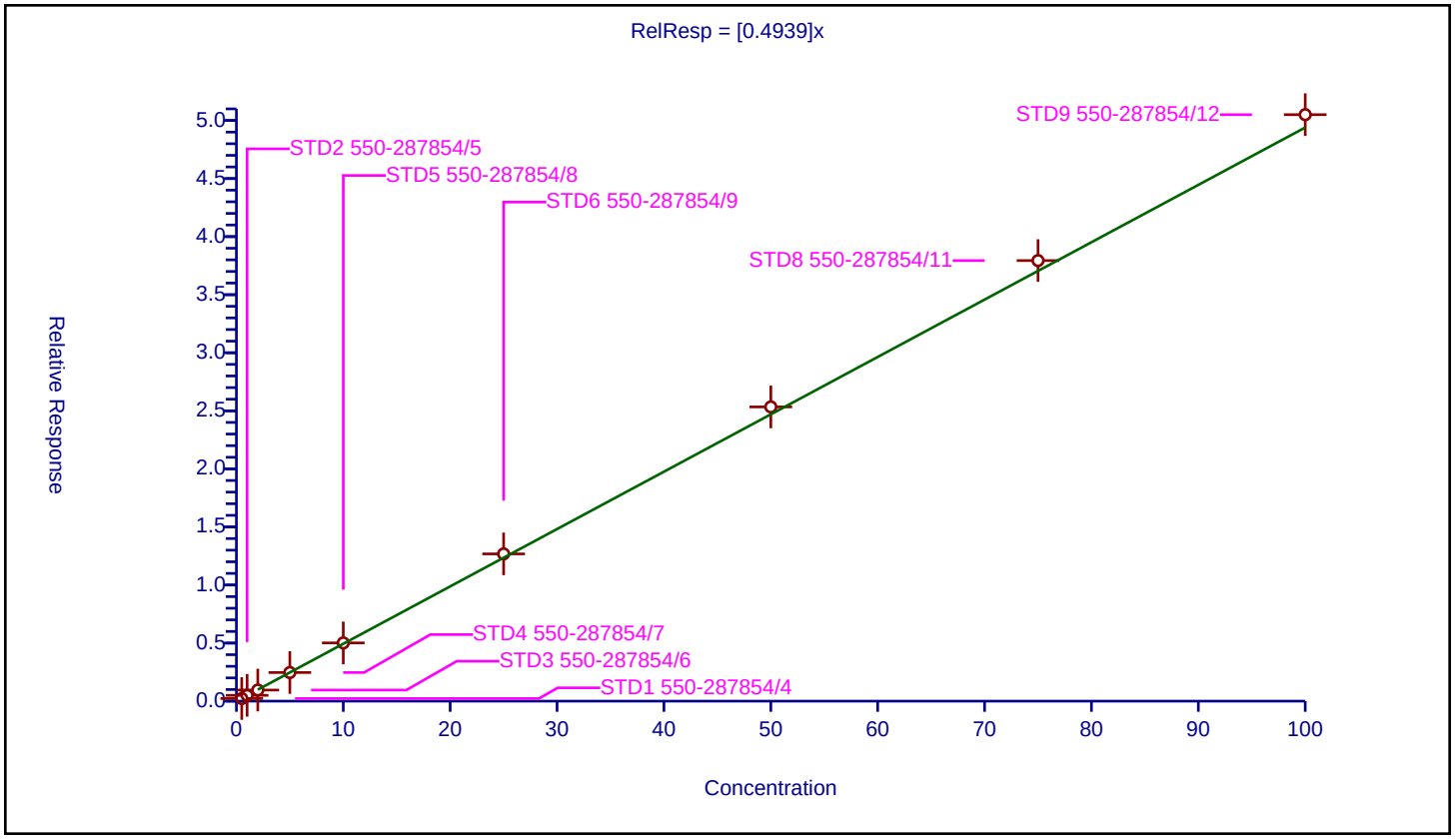
Curve Coefficients

Intercept:	0
Slope:	0.4939

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.225616	25.0	1232073.0	0.451231	Y
2	STD2 550-287854/5	1.0	0.497807	25.0	1136535.0	0.497807	Y
3	STD3 550-287854/6	2.0	0.954194	25.0	1122990.0	0.477097	Y
4	STD4 550-287854/7	5.0	2.465448	25.0	1118458.0	0.49309	Y
5	STD5 550-287854/8	10.0	5.015089	25.0	1099806.0	0.501509	Y
6	STD6 550-287854/9	25.0	12.680171	25.0	1138019.0	0.507207	Y
7	ICIS 550-287854/10	50.0	25.337091	25.0	1123584.0	0.506742	Y
8	STD8 550-287854/11	75.0	37.937795	25.0	1145999.0	0.505837	Y
9	STD9 550-287854/12	100.0	50.502011	25.0	1160384.0	0.50502	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

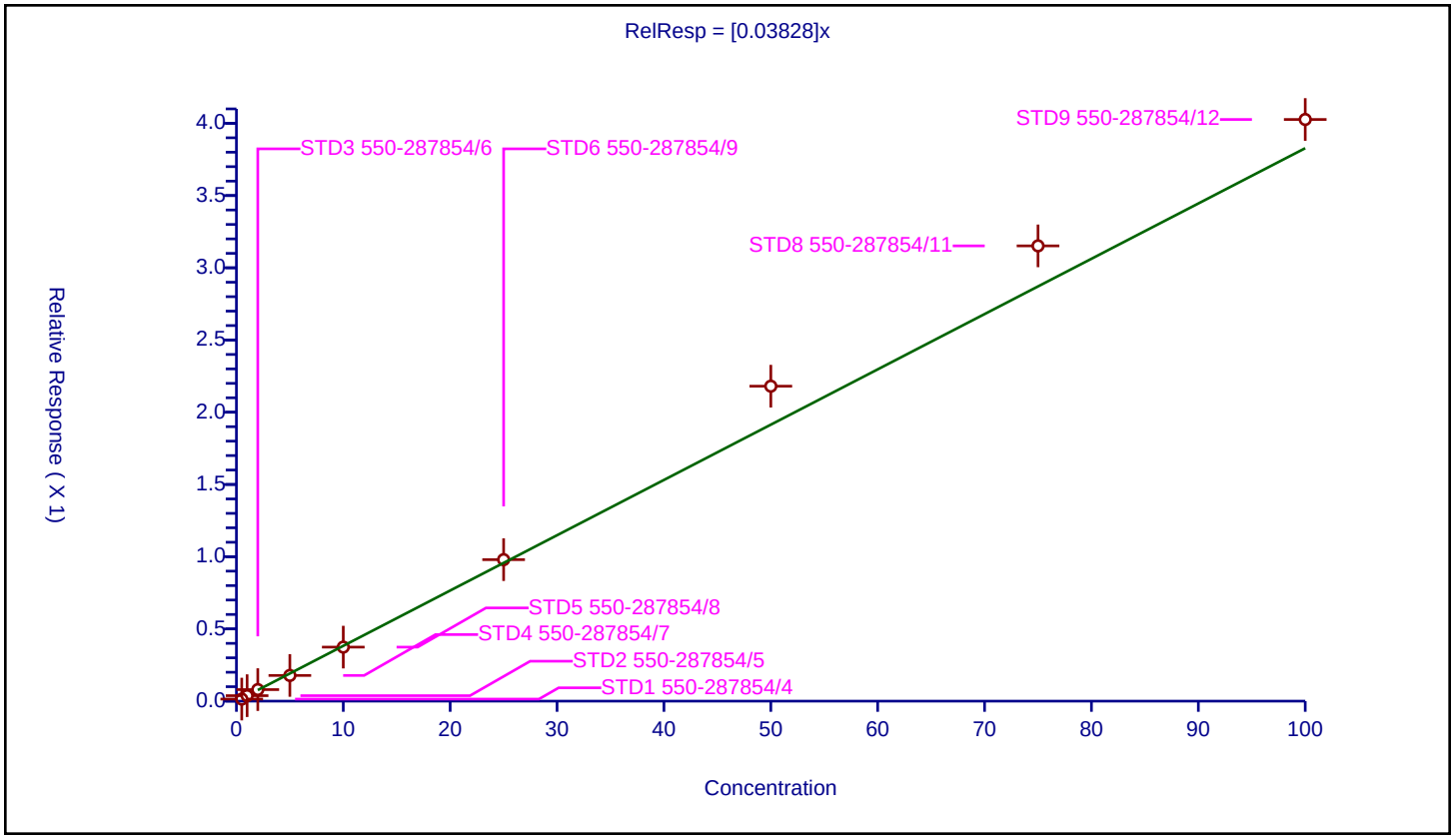
Curve Coefficients

Intercept:	0
Slope:	0.03828

Error Coefficients

Standard Error:	92000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.014285	25.0	1232073.0	0.02857	Y
2	STD2 550-287854/5	1.0	0.0379	25.0	1136535.0	0.0379	Y
3	STD3 550-287854/6	2.0	0.079965	25.0	1122990.0	0.039983	Y
4	STD4 550-287854/7	5.0	0.177901	25.0	1118458.0	0.03558	Y
5	STD5 550-287854/8	10.0	0.374066	25.0	1099806.0	0.037407	Y
6	STD6 550-287854/9	25.0	0.979487	25.0	1138019.0	0.039179	Y
7	ICIS 550-287854/10	50.0	2.180367	25.0	1123584.0	0.043607	Y
8	STD8 550-287854/11	75.0	3.151661	25.0	1145999.0	0.042022	Y
9	STD9 550-287854/12	100.0	4.02662	25.0	1160384.0	0.040266	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

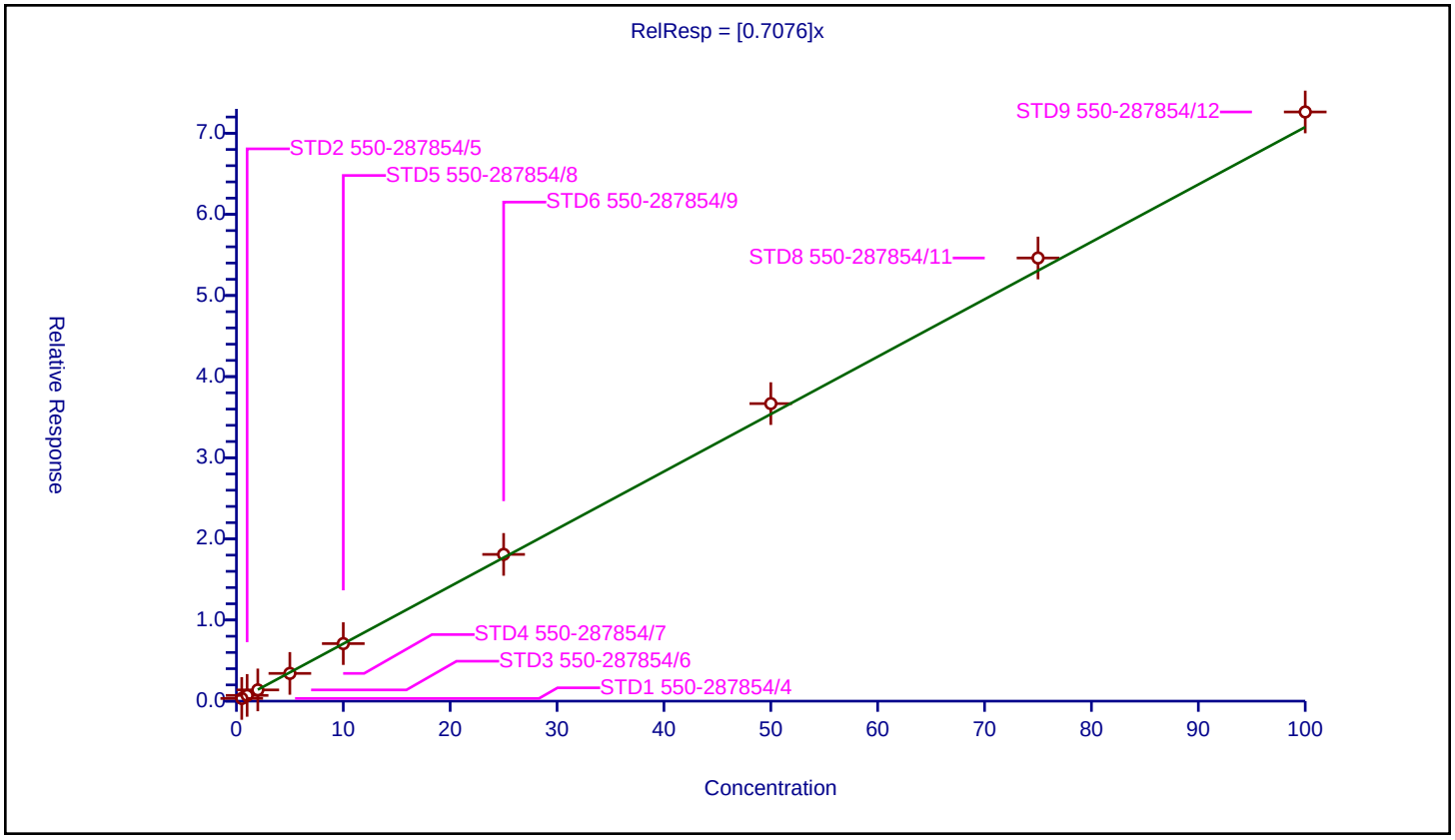
Curve Coefficients

Intercept:	0
Slope:	0.7076

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.332123	25.0	1232073.0	0.664246	Y
2	STD2 550-287854/5	1.0	0.708007	25.0	1136535.0	0.708007	Y
3	STD3 550-287854/6	2.0	1.382804	25.0	1122990.0	0.691402	Y
4	STD4 550-287854/7	5.0	3.417875	25.0	1118458.0	0.683575	Y
5	STD5 550-287854/8	10.0	7.093774	25.0	1099806.0	0.709377	Y
6	STD6 550-287854/9	25.0	18.087022	25.0	1138019.0	0.723481	Y
7	ICIS 550-287854/10	50.0	36.675874	25.0	1123584.0	0.733517	Y
8	STD8 550-287854/11	75.0	54.62291	25.0	1145999.0	0.728305	Y
9	STD9 550-287854/12	100.0	72.623244	25.0	1160384.0	0.726232	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

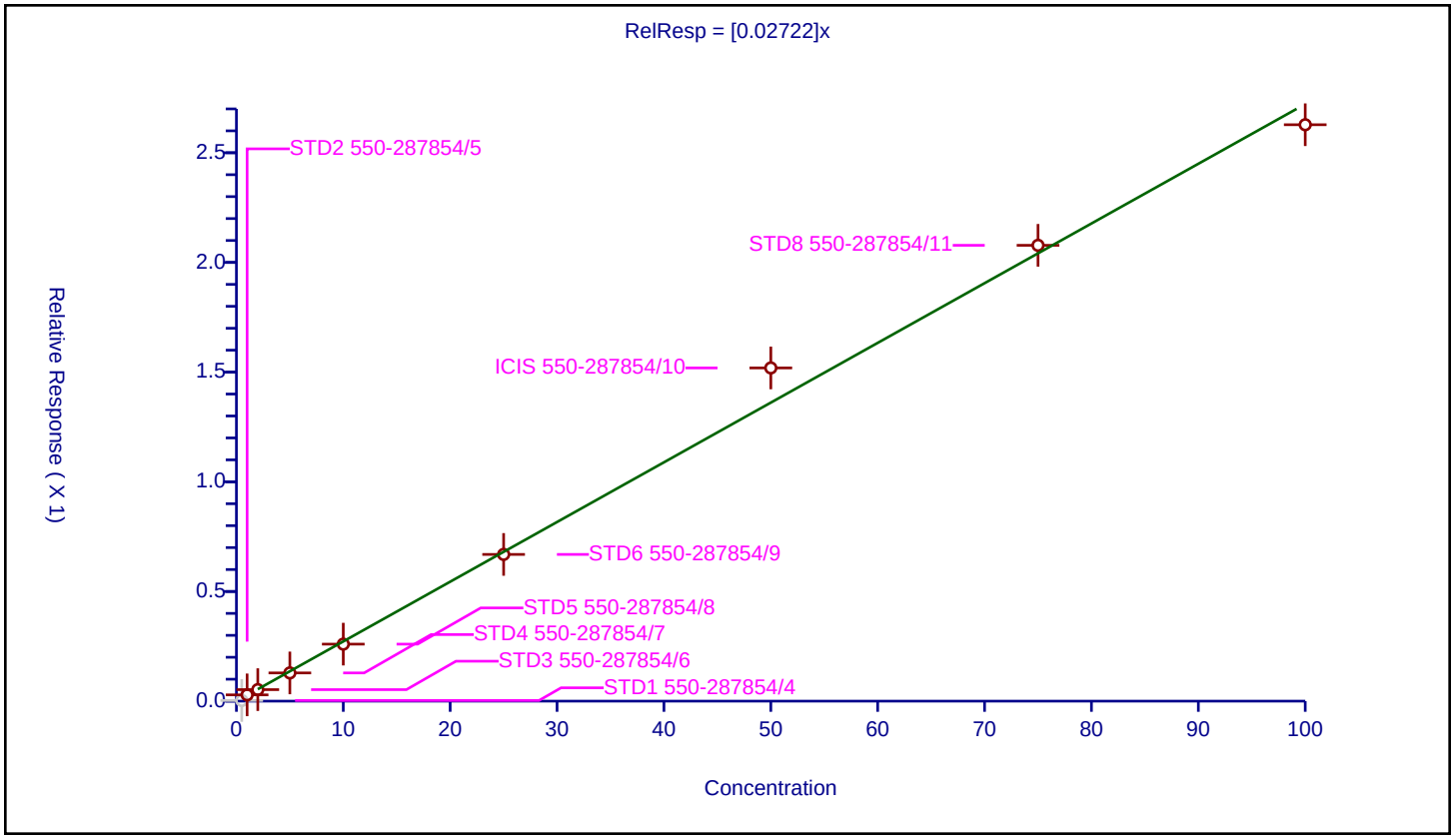
Curve Coefficients

Intercept:	0
Slope:	0.02722

Error Coefficients

Standard Error:	65100
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.002983	25.0	1232073.0	0.005966	N
2	STD2 550-287854/5	1.0	0.02864	25.0	1136535.0	0.02864	Y
3	STD3 550-287854/6	2.0	0.052561	25.0	1122990.0	0.02628	Y
4	STD4 550-287854/7	5.0	0.128615	25.0	1118458.0	0.025723	Y
5	STD5 550-287854/8	10.0	0.259955	25.0	1099806.0	0.025995	Y
6	STD6 550-287854/9	25.0	0.668816	25.0	1138019.0	0.026753	Y
7	ICIS 550-287854/10	50.0	1.519023	25.0	1123584.0	0.03038	Y
8	STD8 550-287854/11	75.0	2.078034	25.0	1145999.0	0.027707	Y
9	STD9 550-287854/12	100.0	2.627729	25.0	1160384.0	0.026277	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

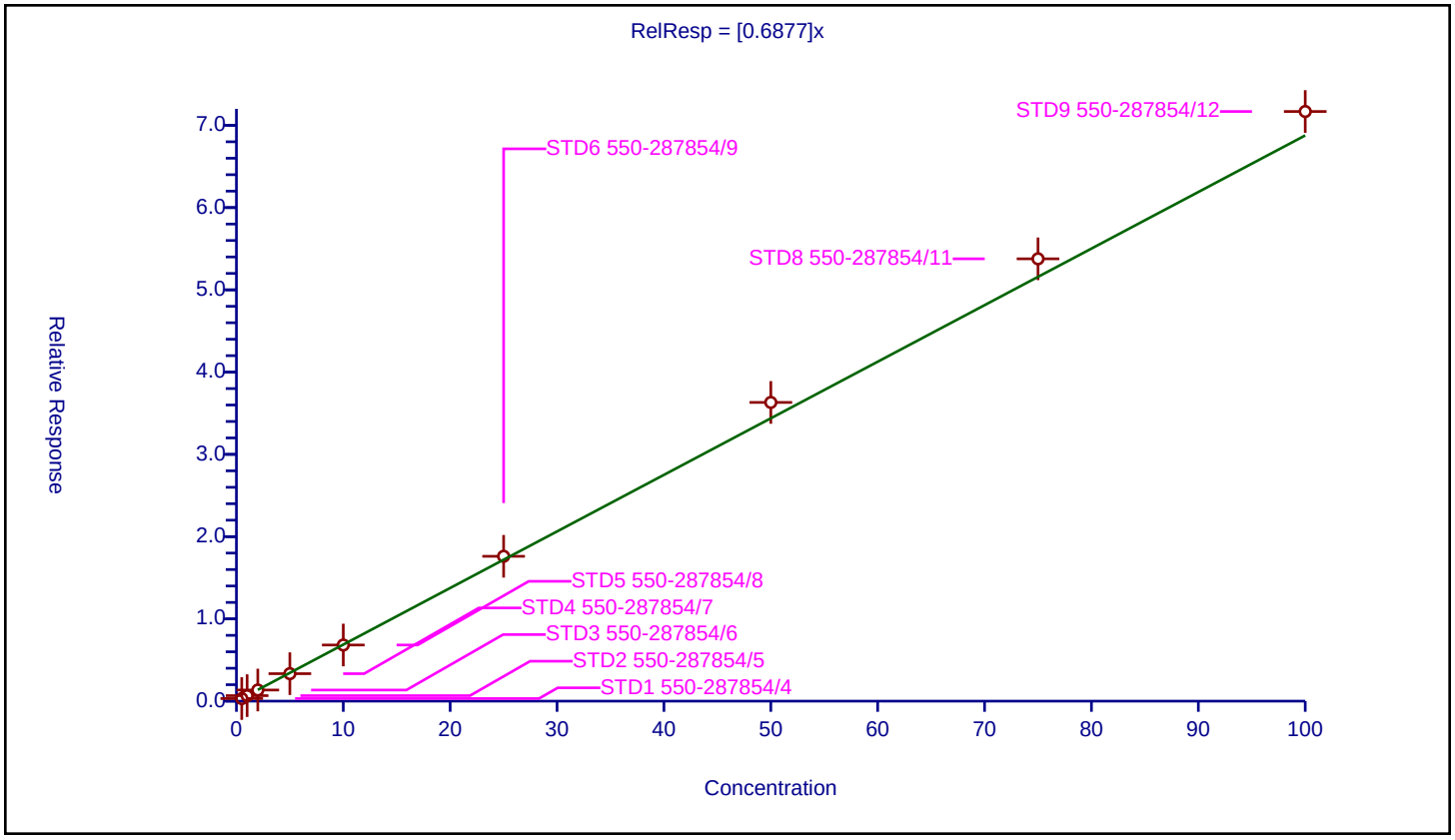
Curve Coefficients

Intercept:	0
Slope:	0.6877

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.314795	25.0	1232073.0	0.629589	Y
2	STD2 550-287854/5	1.0	0.669403	25.0	1136535.0	0.669403	Y
3	STD3 550-287854/6	2.0	1.351303	25.0	1122990.0	0.675652	Y
4	STD4 550-287854/7	5.0	3.340492	25.0	1118458.0	0.668098	Y
5	STD5 550-287854/8	10.0	6.822658	25.0	1099806.0	0.682266	Y
6	STD6 550-287854/9	25.0	17.609811	25.0	1138019.0	0.704392	Y
7	ICIS 550-287854/10	50.0	36.316266	25.0	1123584.0	0.726325	Y
8	STD8 550-287854/11	75.0	53.772844	25.0	1145999.0	0.716971	Y
9	STD9 550-287854/12	100.0	71.681723	25.0	1160384.0	0.716817	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

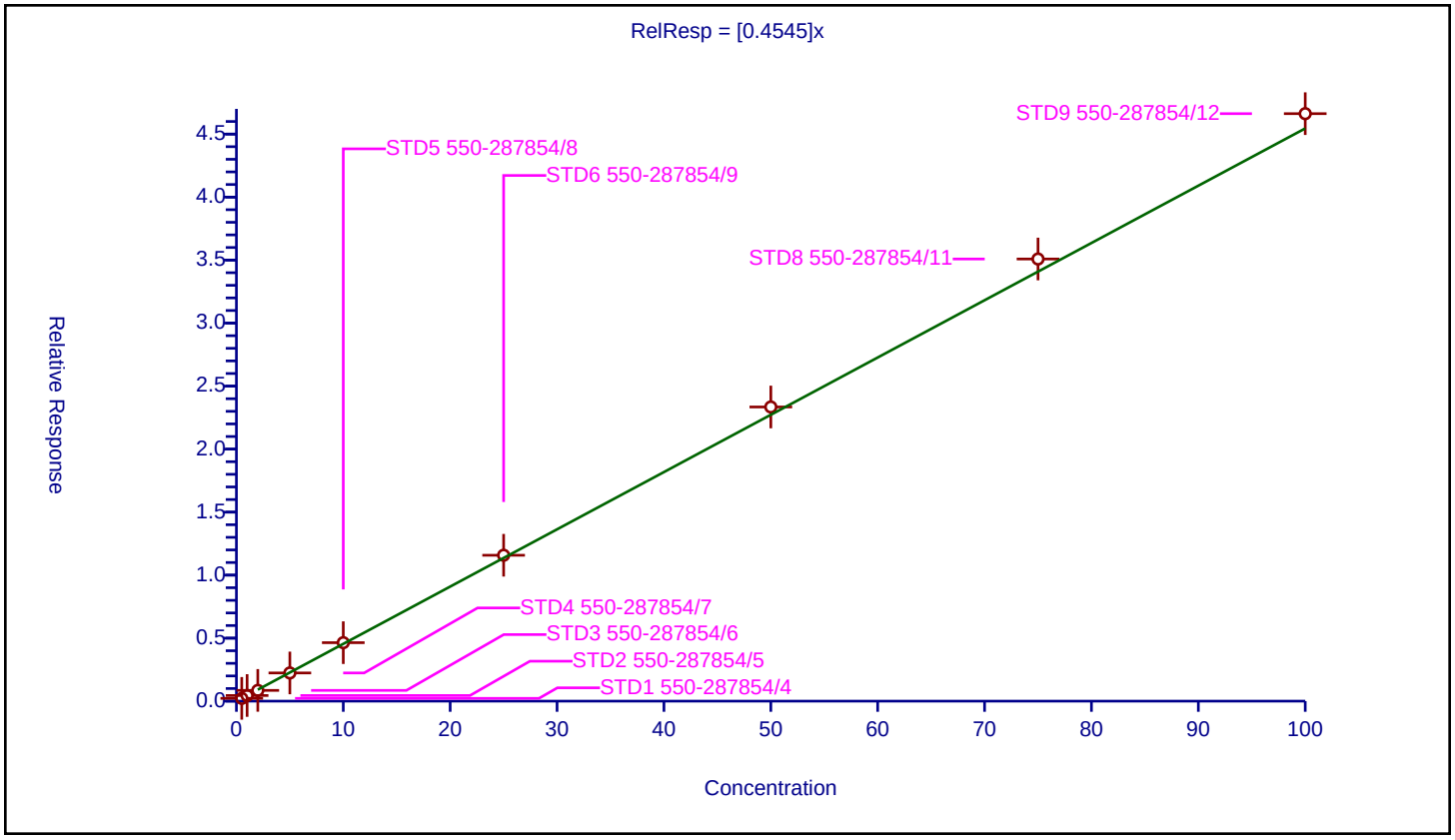
Curve Coefficients

Intercept:	0
Slope:	0.4545

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.221314	25.0	1232073.0	0.442628	Y
2	STD2 550-287854/5	1.0	0.446093	25.0	1136535.0	0.446093	Y
3	STD3 550-287854/6	2.0	0.8519	25.0	1122990.0	0.42595	Y
4	STD4 550-287854/7	5.0	2.238014	25.0	1118458.0	0.447603	Y
5	STD5 550-287854/8	10.0	4.6405	25.0	1099806.0	0.46405	Y
6	STD6 550-287854/9	25.0	11.577663	25.0	1138019.0	0.463107	Y
7	ICIS 550-287854/10	50.0	23.344227	25.0	1123584.0	0.466885	Y
8	STD8 550-287854/11	75.0	35.08692	25.0	1145999.0	0.467826	Y
9	STD9 550-287854/12	100.0	46.621614	25.0	1160384.0	0.466216	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

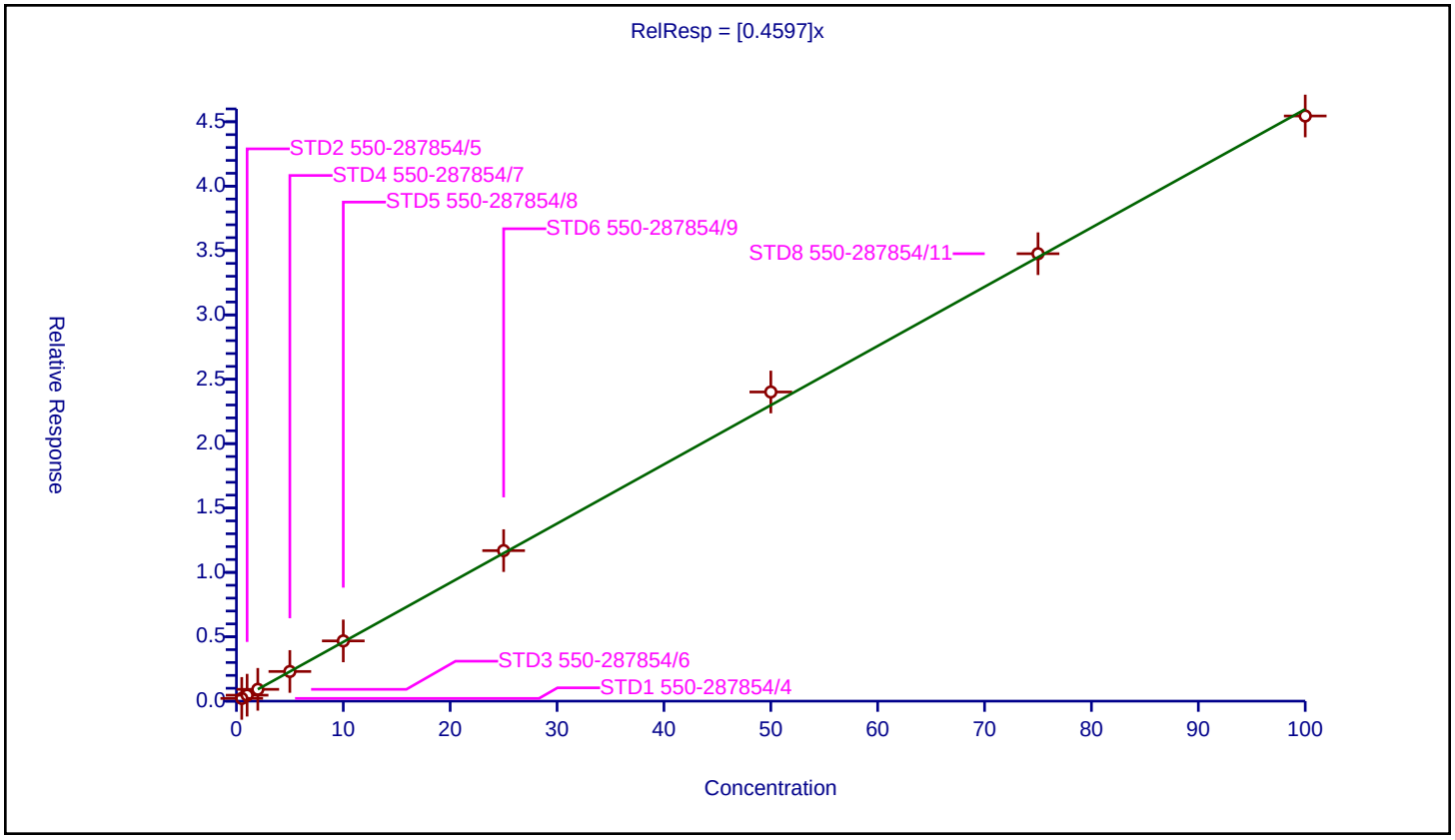
Curve Coefficients

Intercept:	0
Slope:	0.4597

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.211455	25.0	888722.0	0.422911	Y
2	STD2 550-287854/5	1.0	0.462015	25.0	807929.0	0.462015	Y
3	STD3 550-287854/6	2.0	0.916608	25.0	790960.0	0.458304	Y
4	STD4 550-287854/7	5.0	2.303485	25.0	796695.0	0.460697	Y
5	STD5 550-287854/8	10.0	4.677929	25.0	787063.0	0.467793	Y
6	STD6 550-287854/9	25.0	11.691566	25.0	824712.0	0.467663	Y
7	ICIS 550-287854/10	50.0	24.013014	25.0	793628.0	0.48026	Y
8	STD8 550-287854/11	75.0	34.753634	25.0	830247.0	0.463382	Y
9	STD9 550-287854/12	100.0	45.449903	25.0	861575.0	0.454499	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

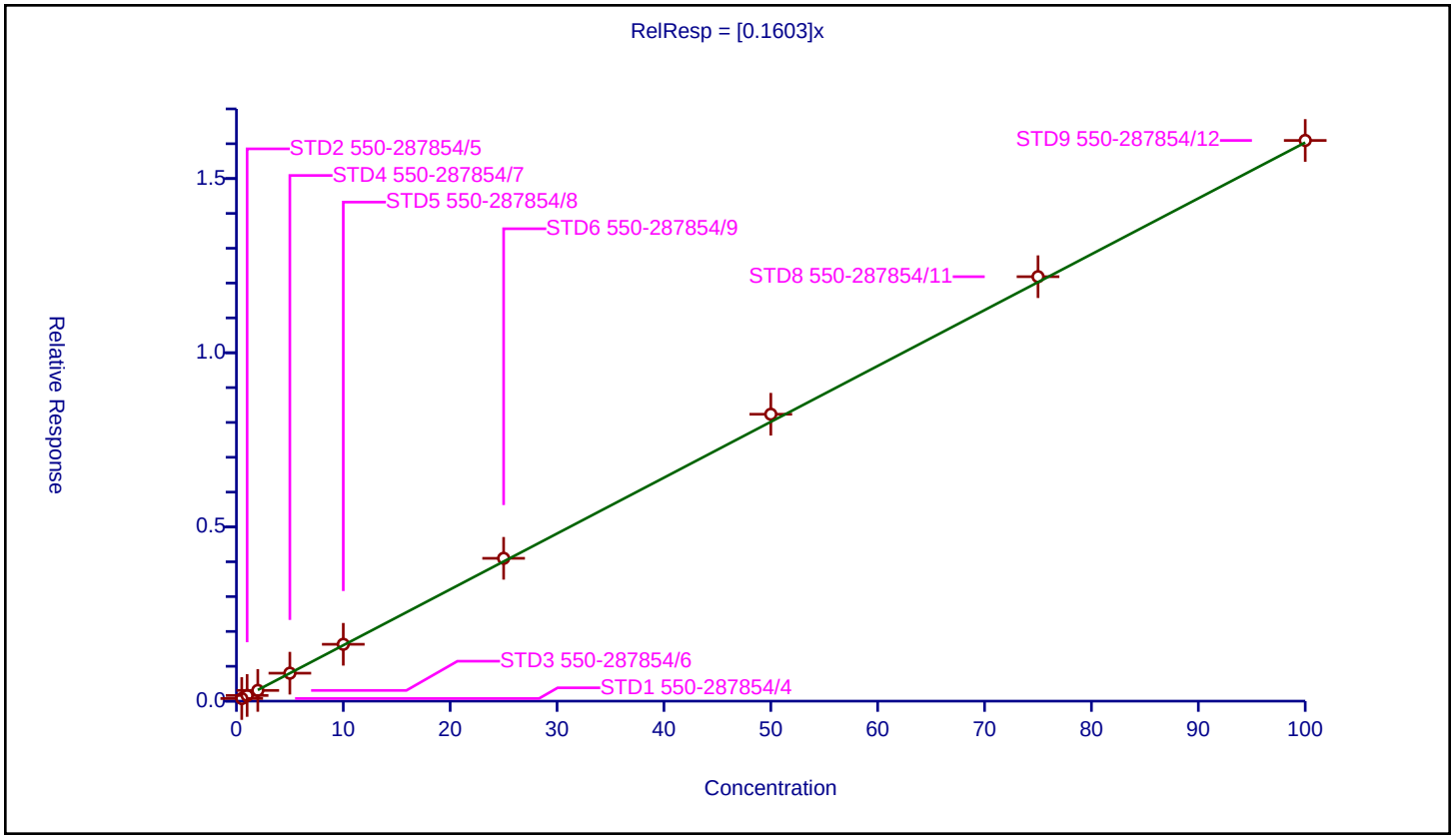
Curve Coefficients

Intercept:	0
Slope:	0.1603

Error Coefficients

Standard Error:	362000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.075483	25.0	1232073.0	0.150965	Y
2	STD2 550-287854/5	1.0	0.162731	25.0	1136535.0	0.162731	Y
3	STD3 550-287854/6	2.0	0.307416	25.0	1122990.0	0.153708	Y
4	STD4 550-287854/7	5.0	0.802288	25.0	1118458.0	0.160458	Y
5	STD5 550-287854/8	10.0	1.632083	25.0	1099806.0	0.163208	Y
6	STD6 550-287854/9	25.0	4.099382	25.0	1138019.0	0.163975	Y
7	ICIS 550-287854/10	50.0	8.235499	25.0	1123584.0	0.16471	Y
8	STD8 550-287854/11	75.0	12.183344	25.0	1145999.0	0.162445	Y
9	STD9 550-287854/12	100.0	16.094112	25.0	1160384.0	0.160941	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

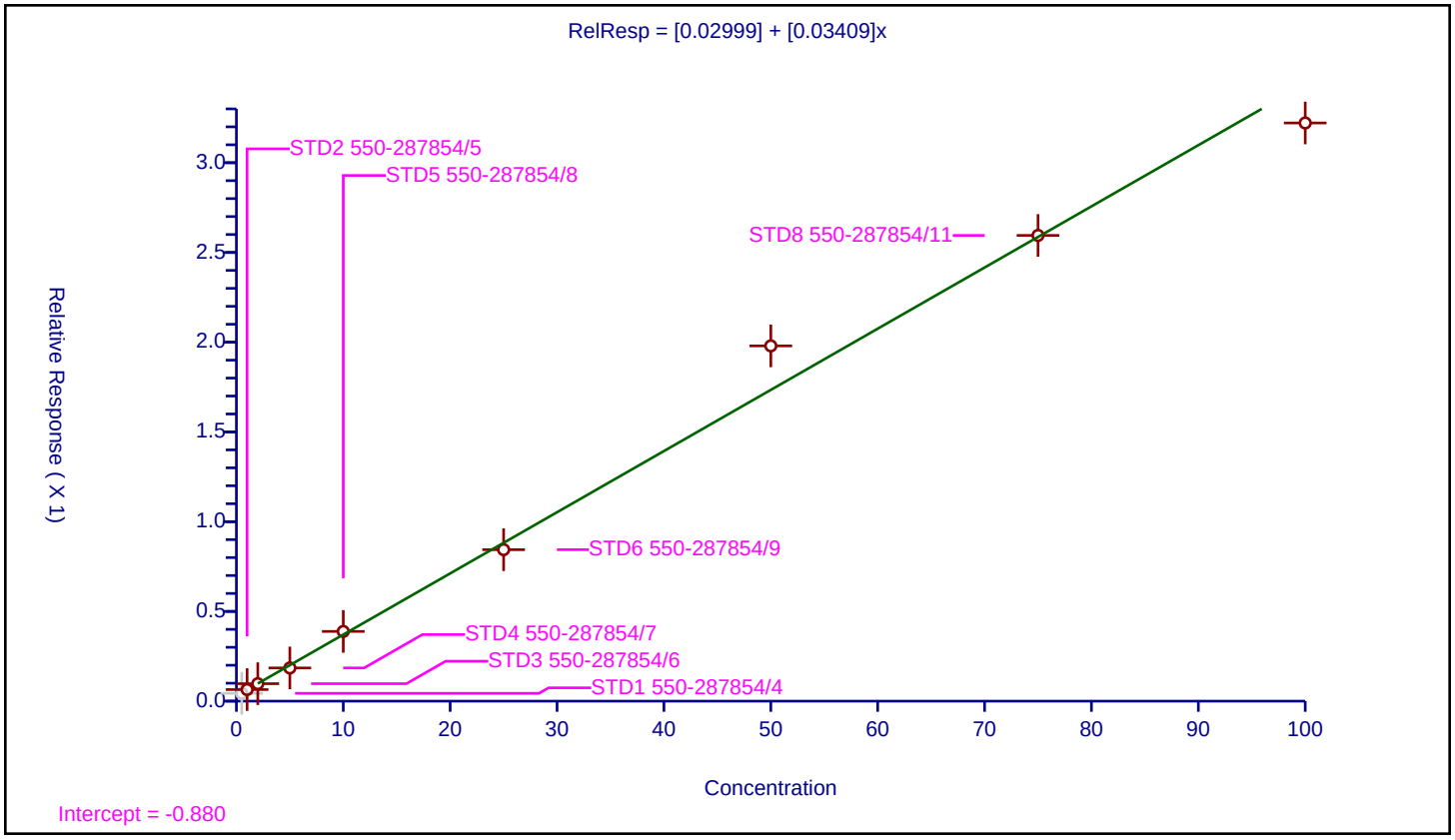
Curve Coefficients

Intercept:	0.02999
Slope:	0.03409

Error Coefficients

Standard Error:	64100
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.043574	25.0	888722.0	0.087148	N
2	STD2 550-287854/5	1.0	0.064548	25.0	807929.0	0.064548	Y
3	STD3 550-287854/6	2.0	0.097255	25.0	790960.0	0.048628	Y
4	STD4 550-287854/7	5.0	0.184952	25.0	796695.0	0.03699	Y
5	STD5 550-287854/8	10.0	0.388501	25.0	787063.0	0.03885	Y
6	STD6 550-287854/9	25.0	0.84387	25.0	824712.0	0.033755	Y
7	ICIS 550-287854/10	50.0	1.979485	25.0	793628.0	0.03959	Y
8	STD8 550-287854/11	75.0	2.59489	25.0	830247.0	0.034599	Y
9	STD9 550-287854/12	100.0	3.221455	25.0	861575.0	0.032215	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

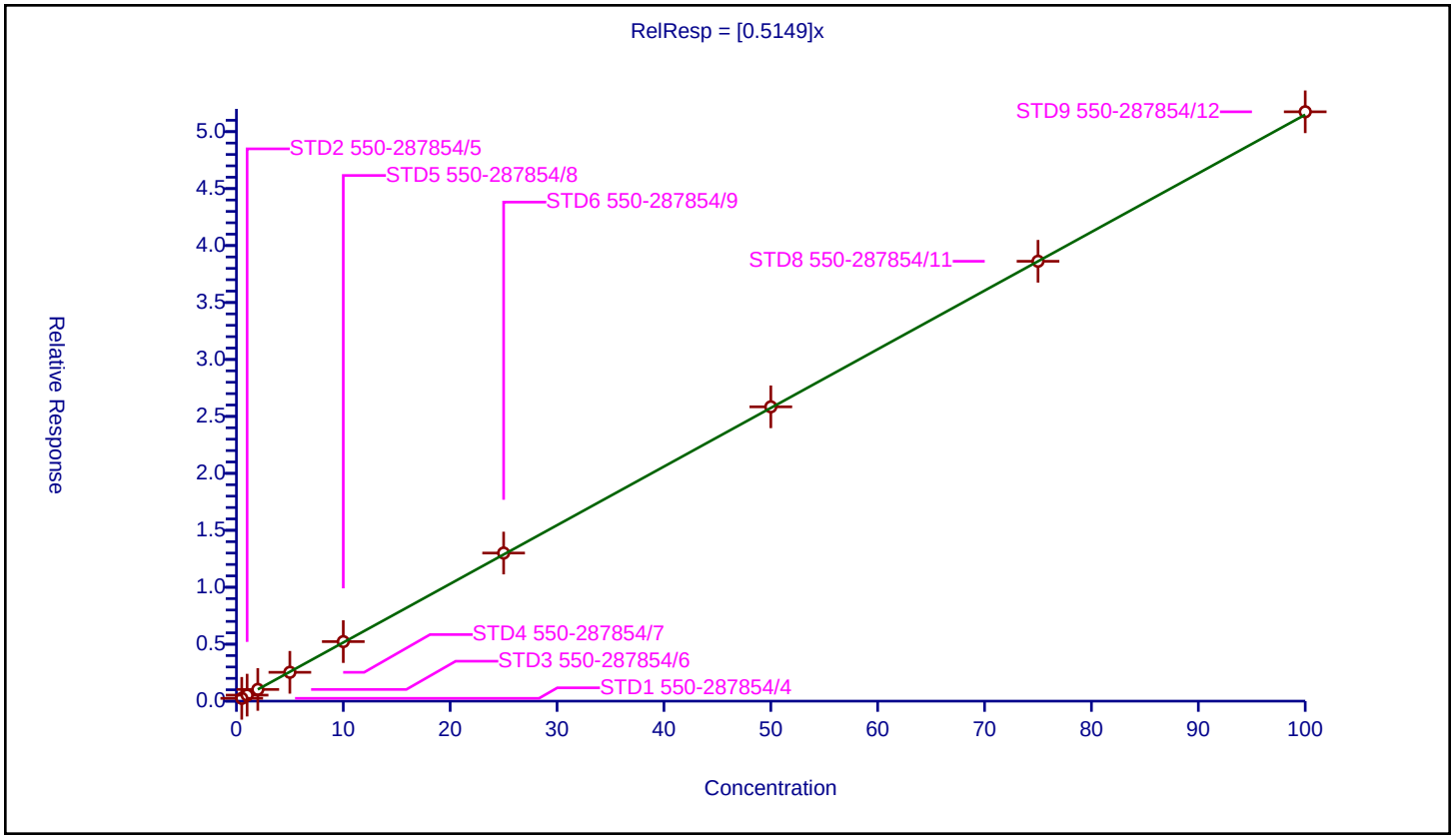
Curve Coefficients

Intercept:	0
Slope:	0.5149

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.246901	25.0	1232073.0	0.493802	Y
2	STD2 550-287854/5	1.0	0.527546	25.0	1136535.0	0.527546	Y
3	STD3 550-287854/6	2.0	1.028816	25.0	1122990.0	0.514408	Y
4	STD4 550-287854/7	5.0	2.531432	25.0	1118458.0	0.506286	Y
5	STD5 550-287854/8	10.0	5.227195	25.0	1099806.0	0.522719	Y
6	STD6 550-287854/9	25.0	13.003847	25.0	1138019.0	0.520154	Y
7	ICIS 550-287854/10	50.0	25.840858	25.0	1123584.0	0.516817	Y
8	STD8 550-287854/11	75.0	38.621543	25.0	1145999.0	0.514954	Y
9	STD9 550-287854/12	100.0	51.745737	25.0	1160384.0	0.517457	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

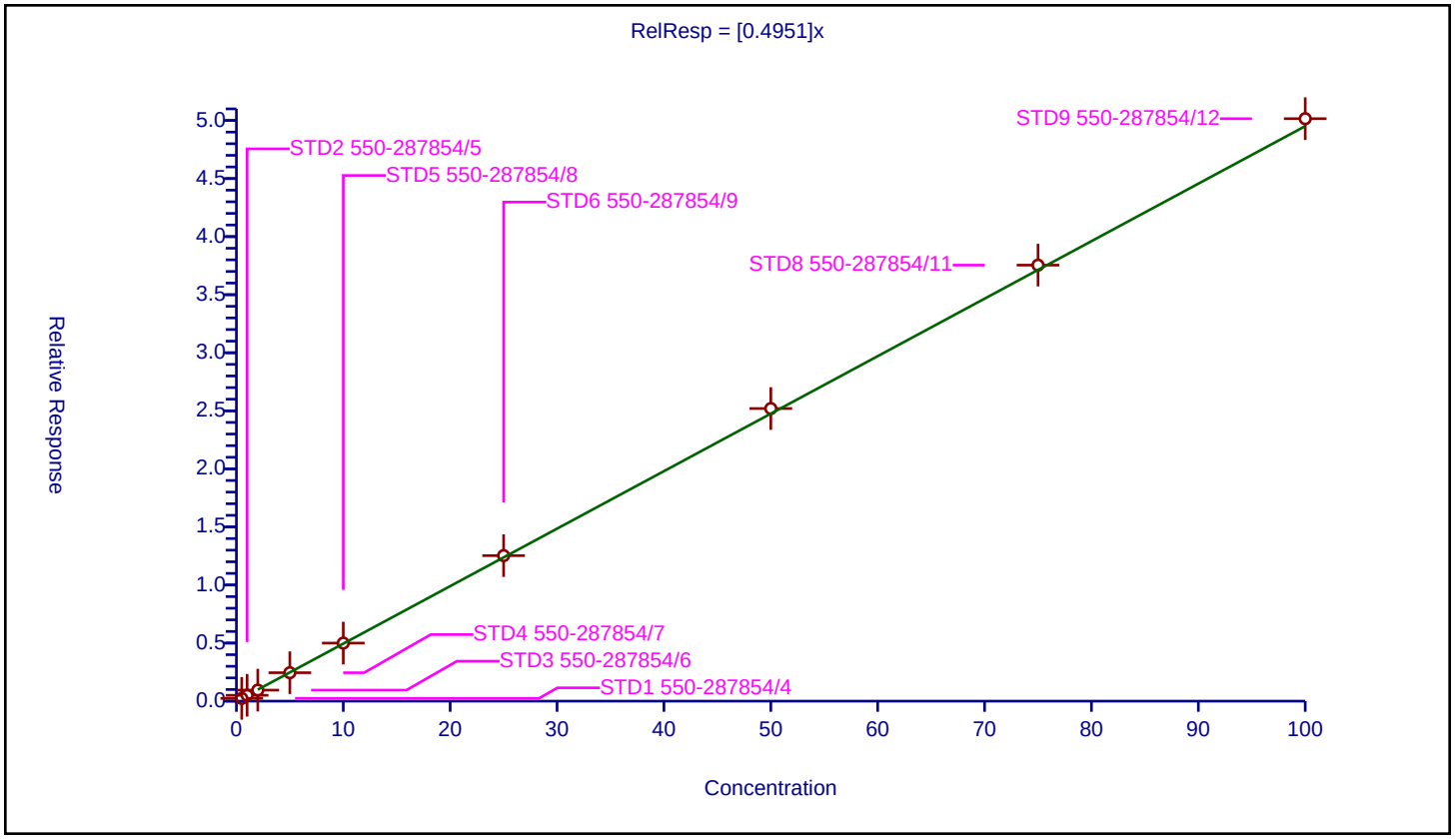
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.240286	25.0	1232073.0	0.480572	Y
2	STD2 550-287854/5	1.0	0.504164	25.0	1136535.0	0.504164	Y
3	STD3 550-287854/6	2.0	0.948406	25.0	1122990.0	0.474203	Y
4	STD4 550-287854/7	5.0	2.448773	25.0	1118458.0	0.489755	Y
5	STD5 550-287854/8	10.0	4.999177	25.0	1099806.0	0.499918	Y
6	STD6 550-287854/9	25.0	12.530415	25.0	1138019.0	0.501217	Y
7	ICIS 550-287854/10	50.0	25.197671	25.0	1123584.0	0.503953	Y
8	STD8 550-287854/11	75.0	37.545452	25.0	1145999.0	0.500606	Y
9	STD9 550-287854/12	100.0	50.156026	25.0	1160384.0	0.50156	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

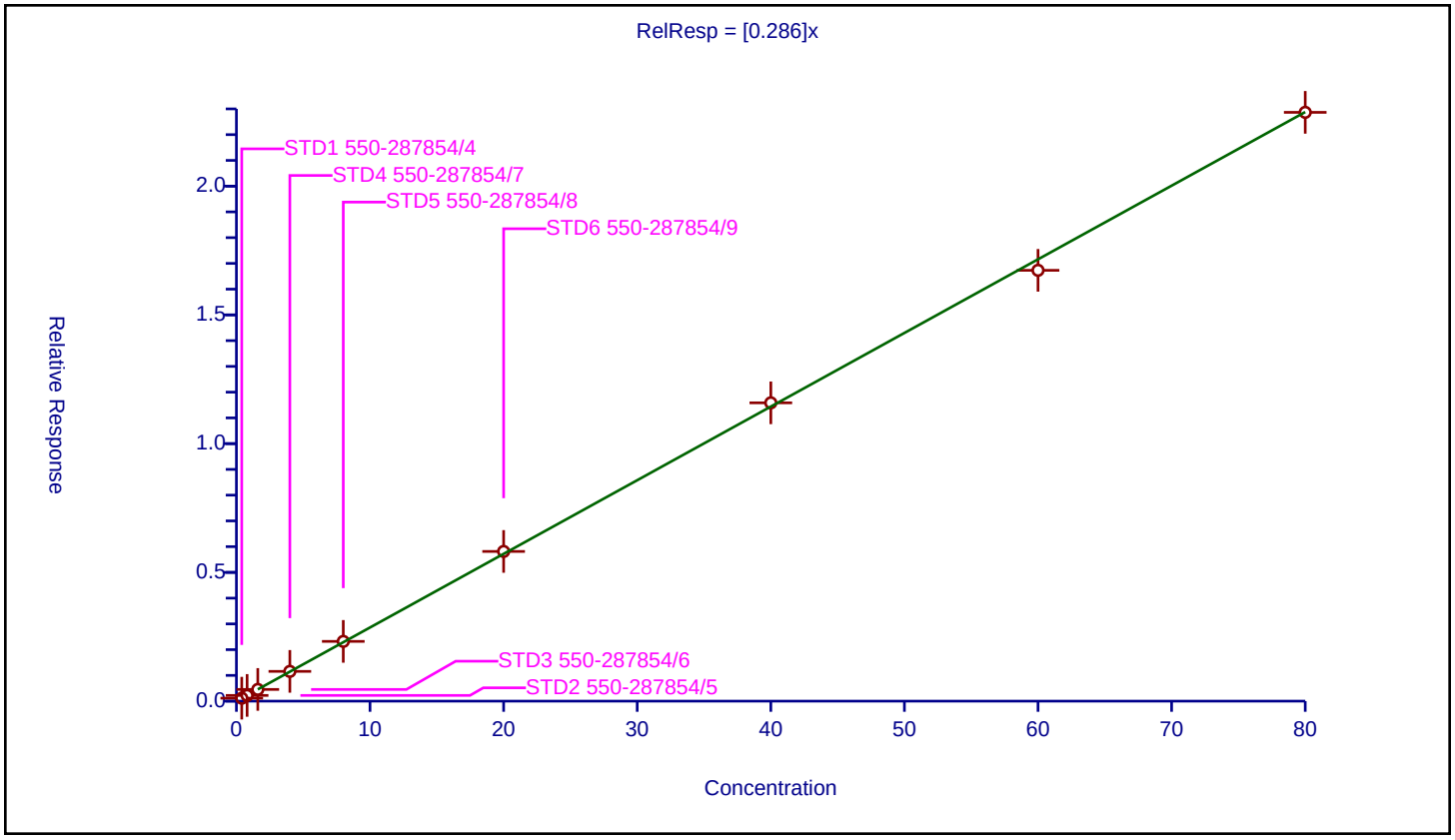
Curve Coefficients

Intercept:	0
Slope:	0.286

Error Coefficients

Standard Error:	509000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.115395	25.0	1232073.0	0.288487	Y
2	STD2 550-287854/5	0.8	0.221793	25.0	1136535.0	0.277241	Y
3	STD3 550-287854/6	1.6	0.454434	25.0	1122990.0	0.284021	Y
4	STD4 550-287854/7	4.0	1.15581	25.0	1118458.0	0.288953	Y
5	STD5 550-287854/8	8.0	2.320182	25.0	1099806.0	0.290023	Y
6	STD6 550-287854/9	20.0	5.813875	25.0	1138019.0	0.290694	Y
7	ICIS 550-287854/10	40.0	11.584937	25.0	1123584.0	0.289623	Y
8	STD8 550-287854/11	60.0	16.731123	25.0	1145999.0	0.278852	Y
9	STD9 550-287854/12	80.0	22.865814	25.0	1160384.0	0.285823	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

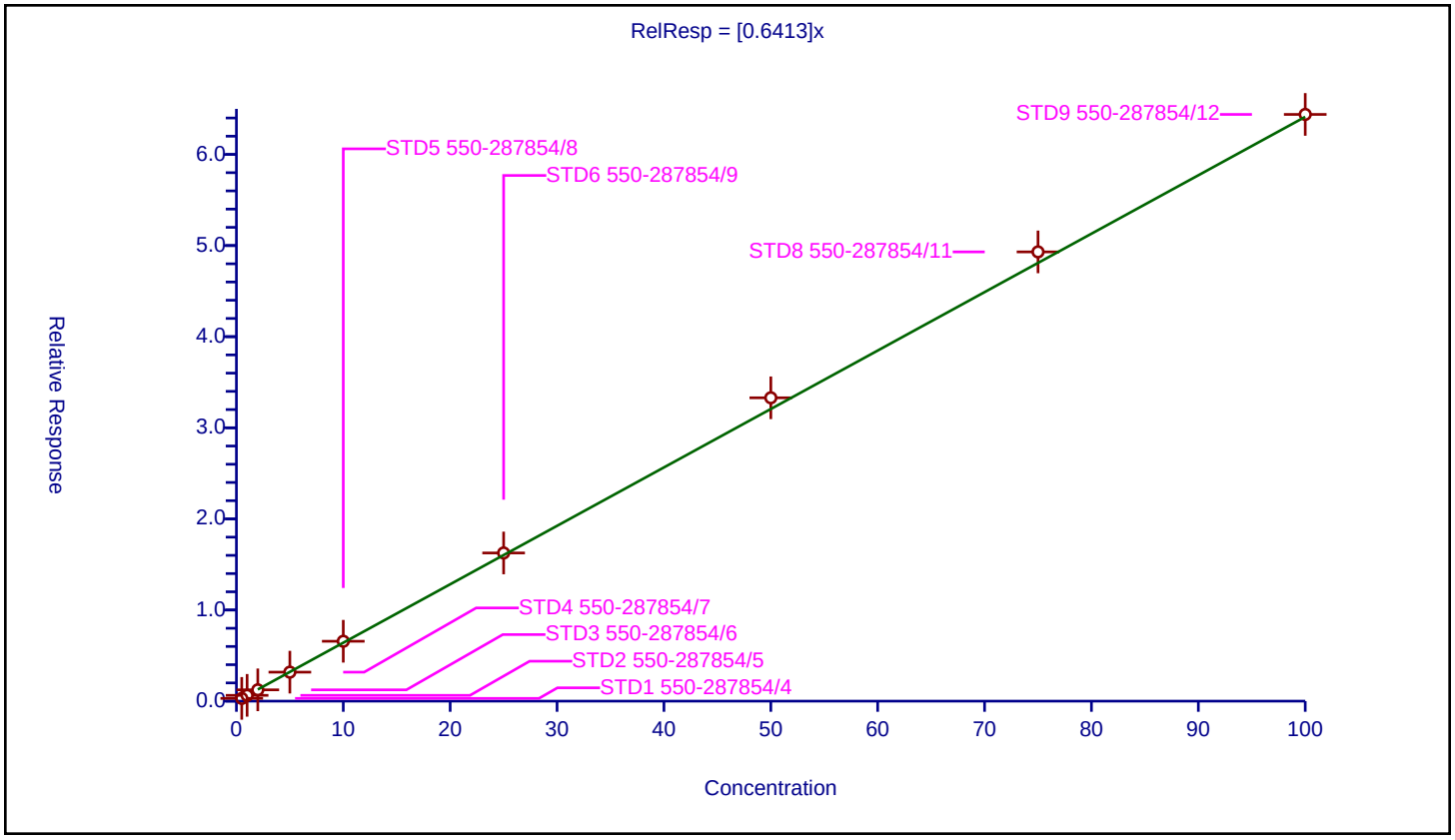
Curve Coefficients

Intercept:	0
Slope:	0.6413

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.302232	25.0	888722.0	0.604463	Y
2	STD2 550-287854/5	1.0	0.635699	25.0	807929.0	0.635699	Y
3	STD3 550-287854/6	2.0	1.23957	25.0	790960.0	0.619785	Y
4	STD4 550-287854/7	5.0	3.182523	25.0	796695.0	0.636505	Y
5	STD5 550-287854/8	10.0	6.571615	25.0	787063.0	0.657161	Y
6	STD6 550-287854/9	25.0	16.263374	25.0	824712.0	0.650535	Y
7	ICIS 550-287854/10	50.0	33.293464	25.0	793628.0	0.665869	Y
8	STD8 550-287854/11	75.0	49.307164	25.0	830247.0	0.657429	Y
9	STD9 550-287854/12	100.0	64.391579	25.0	861575.0	0.643916	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

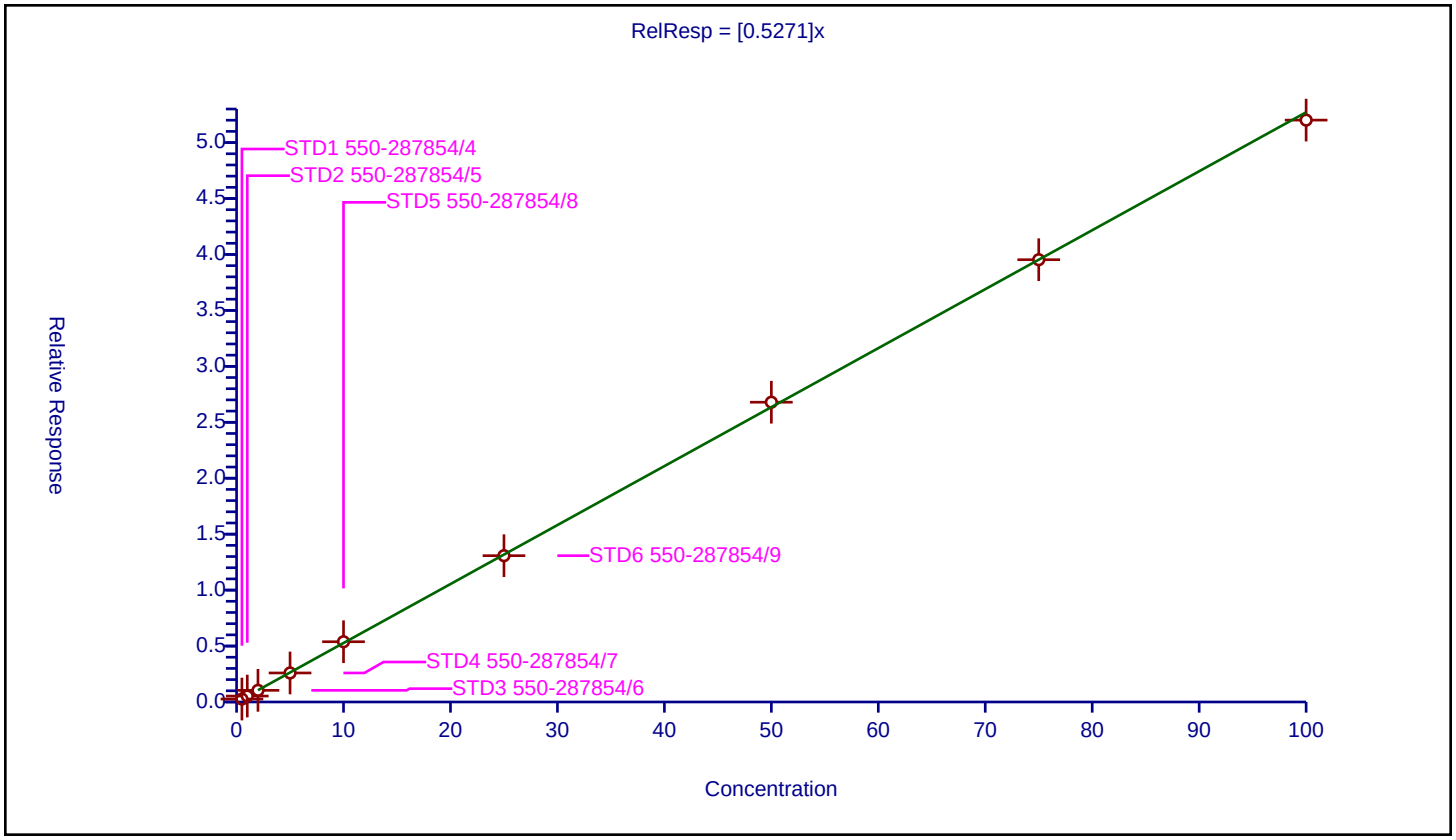
Curve Coefficients

Intercept:	0
Slope:	0.5271

Error Coefficients

Standard Error:	857000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.264481	25.0	888722.0	0.528962	Y
2	STD2 550-287854/5	1.0	0.530585	25.0	807929.0	0.530585	Y
3	STD3 550-287854/6	2.0	1.04095	25.0	790960.0	0.520475	Y
4	STD4 550-287854/7	5.0	2.595002	25.0	796695.0	0.519	Y
5	STD5 550-287854/8	10.0	5.386132	25.0	787063.0	0.538613	Y
6	STD6 550-287854/9	25.0	13.076474	25.0	824712.0	0.523059	Y
7	ICIS 550-287854/10	50.0	26.793252	25.0	793628.0	0.535865	Y
8	STD8 550-287854/11	75.0	39.530074	25.0	830247.0	0.527068	Y
9	STD9 550-287854/12	100.0	52.009198	25.0	861575.0	0.520092	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

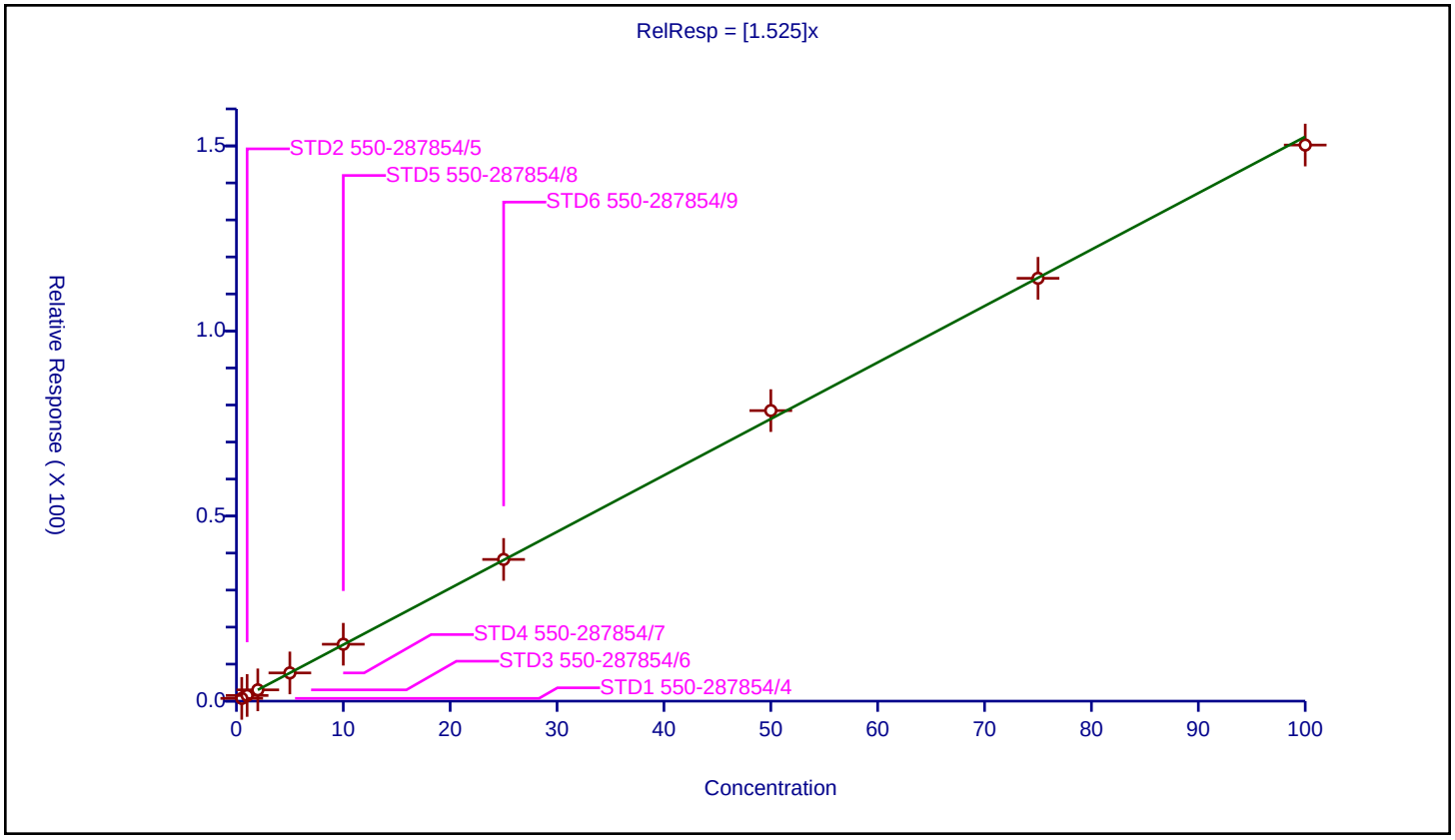
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.742414	25.0	888722.0	1.484829	Y
2	STD2 550-287854/5	1.0	1.529064	25.0	807929.0	1.529064	Y
3	STD3 550-287854/6	2.0	3.043991	25.0	790960.0	1.521995	Y
4	STD4 550-287854/7	5.0	7.620106	25.0	796695.0	1.524021	Y
5	STD5 550-287854/8	10.0	15.375675	25.0	787063.0	1.537568	Y
6	STD6 550-287854/9	25.0	38.286274	25.0	824712.0	1.531451	Y
7	ICIS 550-287854/10	50.0	78.487339	25.0	793628.0	1.569747	Y
8	STD8 550-287854/11	75.0	114.236065	25.0	830247.0	1.523148	Y
9	STD9 550-287854/12	100.0	150.237762	25.0	861575.0	1.502378	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

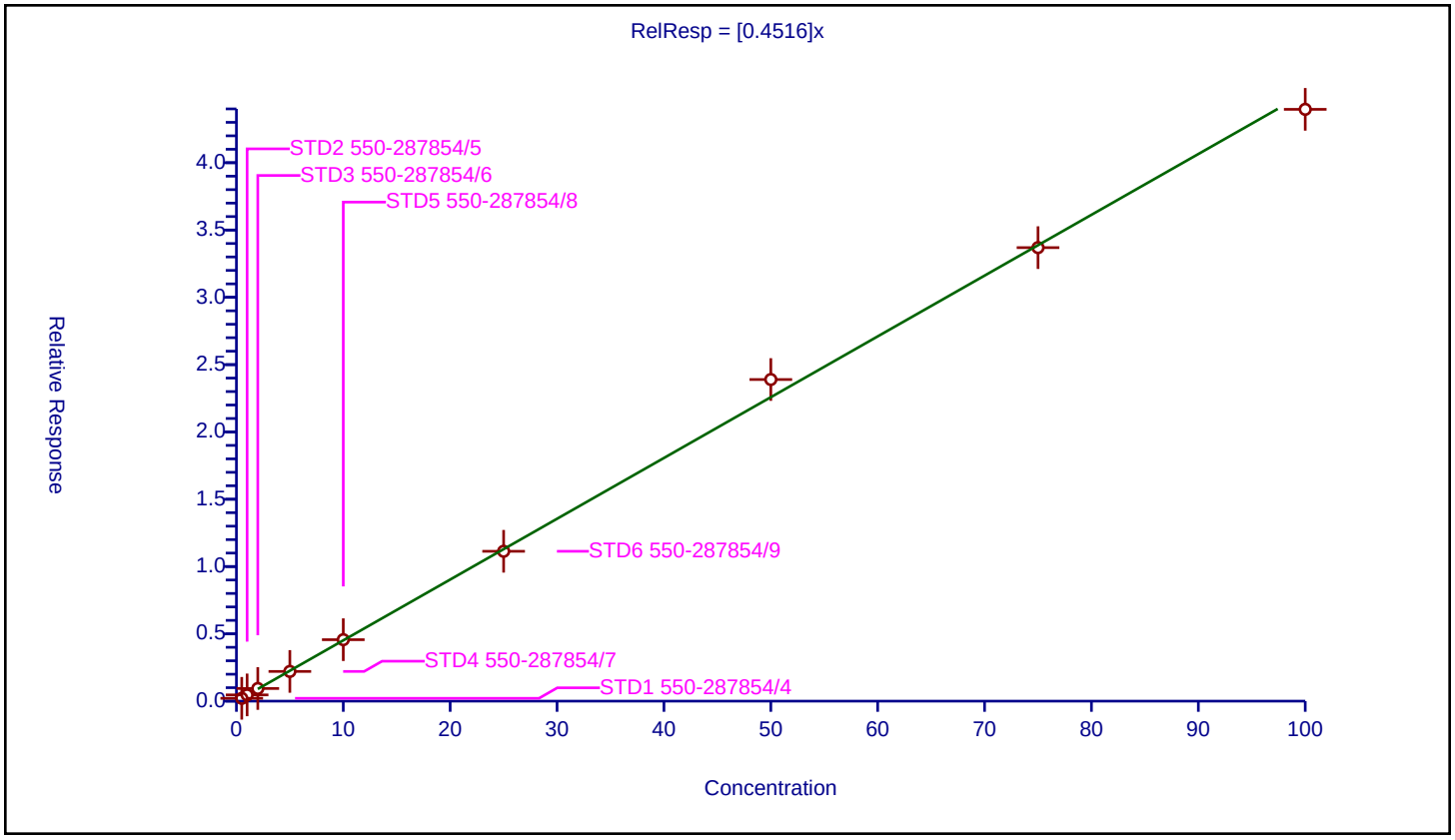
Curve Coefficients

Intercept:	0
Slope:	0.4516

Error Coefficients

Standard Error:	732000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.210302	25.0	888722.0	0.420604	Y
2	STD2 550-287854/5	1.0	0.464769	25.0	807929.0	0.464769	Y
3	STD3 550-287854/6	2.0	0.93829	25.0	790960.0	0.469145	Y
4	STD4 550-287854/7	5.0	2.206647	25.0	796695.0	0.441329	Y
5	STD5 550-287854/8	10.0	4.566598	25.0	787063.0	0.45666	Y
6	STD6 550-287854/9	25.0	11.133008	25.0	824712.0	0.44532	Y
7	ICIS 550-287854/10	50.0	23.894602	25.0	793628.0	0.477892	Y
8	STD8 550-287854/11	75.0	33.692744	25.0	830247.0	0.449237	Y
9	STD9 550-287854/12	100.0	43.965586	25.0	861575.0	0.439656	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

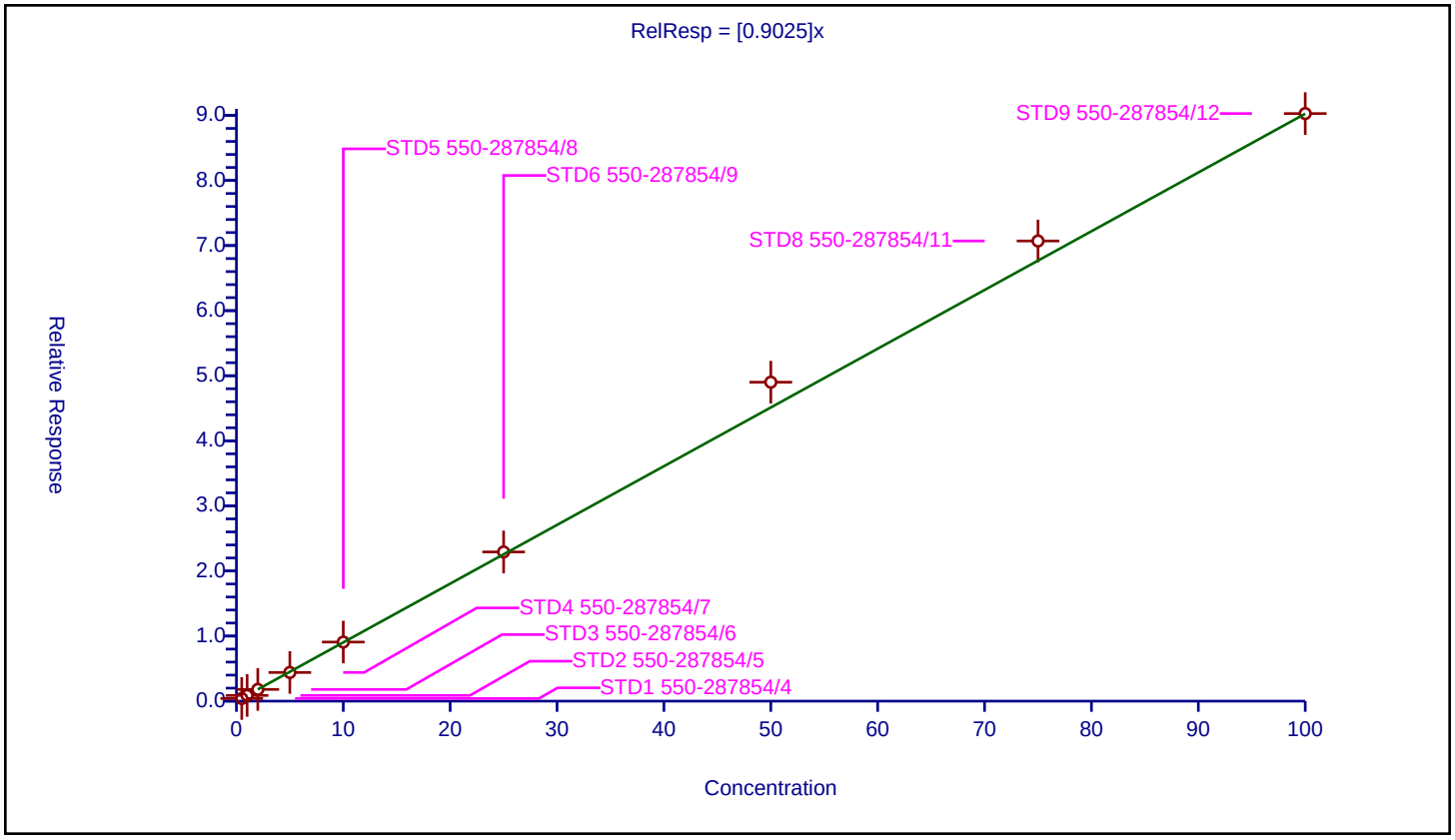
Curve Coefficients

Intercept:	0
Slope:	0.9025

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.407073	25.0	888722.0	0.814147	Y
2	STD2 550-287854/5	1.0	0.87582	25.0	807929.0	0.87582	Y
3	STD3 550-287854/6	2.0	1.801861	25.0	790960.0	0.900931	Y
4	STD4 550-287854/7	5.0	4.405481	25.0	796695.0	0.881096	Y
5	STD5 550-287854/8	10.0	9.080404	25.0	787063.0	0.90804	Y
6	STD6 550-287854/9	25.0	22.922426	25.0	824712.0	0.916897	Y
7	ICIS 550-287854/10	50.0	49.006178	25.0	793628.0	0.980124	Y
8	STD8 550-287854/11	75.0	70.705344	25.0	830247.0	0.942738	Y
9	STD9 550-287854/12	100.0	90.284595	25.0	861575.0	0.902846	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

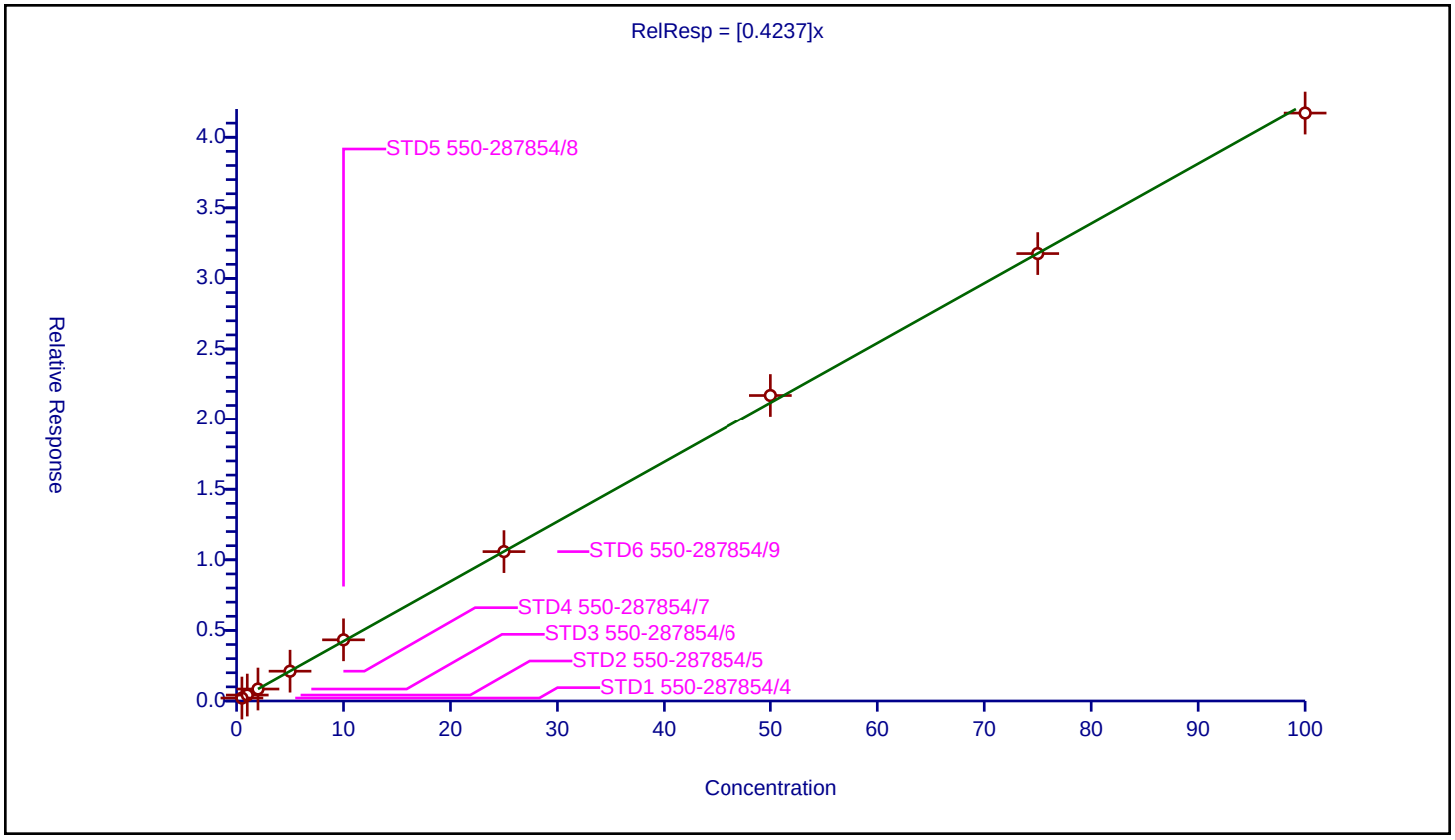
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	689000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.208023	25.0	888722.0	0.416047	Y
2	STD2 550-287854/5	1.0	0.42021	25.0	807929.0	0.42021	Y
3	STD3 550-287854/6	2.0	0.846977	25.0	790960.0	0.423489	Y
4	STD4 550-287854/7	5.0	2.110061	25.0	796695.0	0.422012	Y
5	STD5 550-287854/8	10.0	4.33107	25.0	787063.0	0.433107	Y
6	STD6 550-287854/9	25.0	10.580876	25.0	824712.0	0.423235	Y
7	ICIS 550-287854/10	50.0	21.707683	25.0	793628.0	0.434154	Y
8	STD8 550-287854/11	75.0	31.760338	25.0	830247.0	0.423471	Y
9	STD9 550-287854/12	100.0	41.713838	25.0	861575.0	0.417138	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

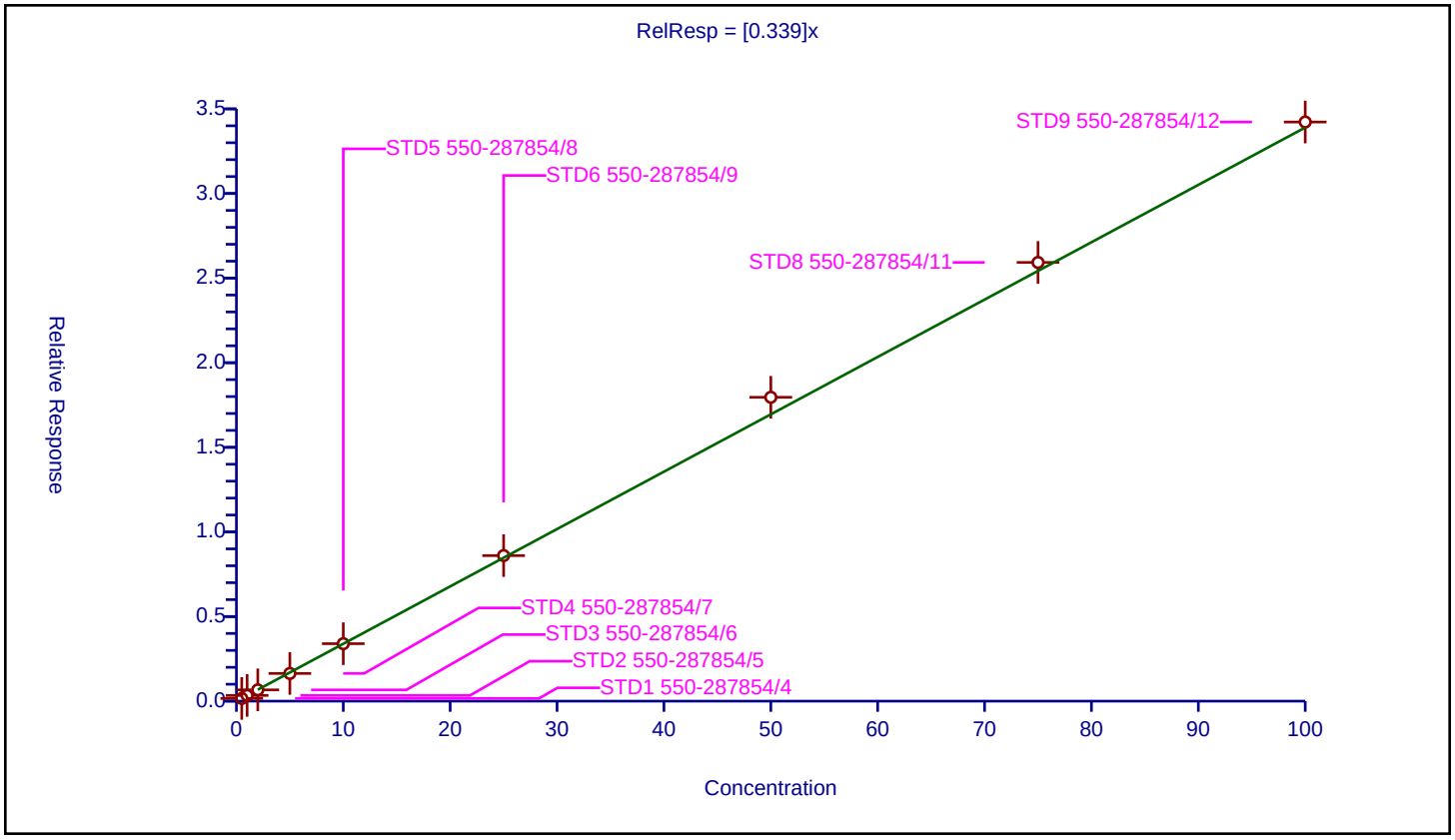
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.161018	25.0	888722.0	0.322035	Y
2	STD2 550-287854/5	1.0	0.338056	25.0	807929.0	0.338056	Y
3	STD3 550-287854/6	2.0	0.665868	25.0	790960.0	0.332934	Y
4	STD4 550-287854/7	5.0	1.635883	25.0	796695.0	0.327177	Y
5	STD5 550-287854/8	10.0	3.395789	25.0	787063.0	0.339579	Y
6	STD6 550-287854/9	25.0	8.60173	25.0	824712.0	0.344069	Y
7	ICIS 550-287854/10	50.0	17.956272	25.0	793628.0	0.359125	Y
8	STD8 550-287854/11	75.0	25.925568	25.0	830247.0	0.345674	Y
9	STD9 550-287854/12	100.0	34.224444	25.0	861575.0	0.342244	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

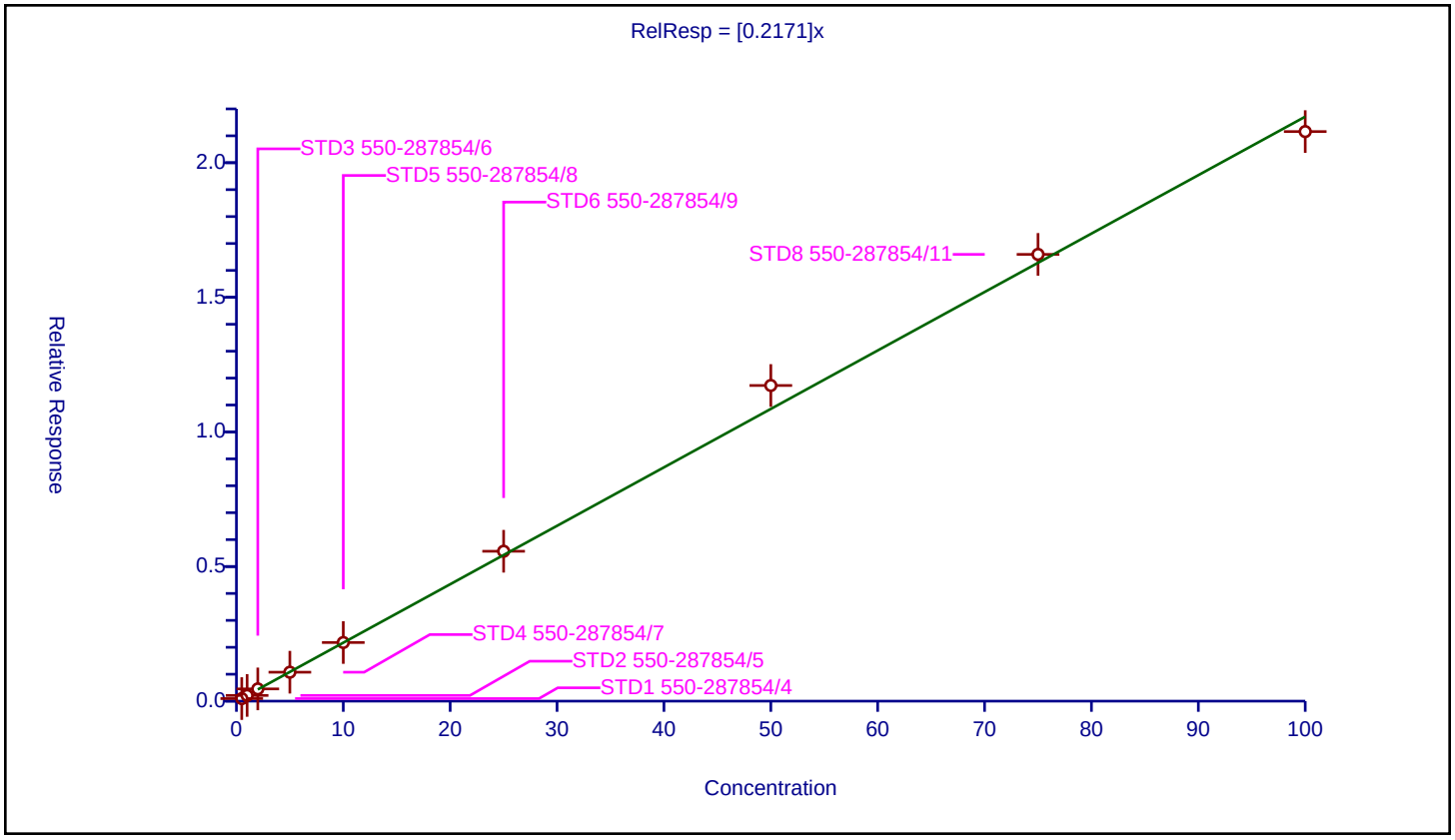
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Standard Error:	356000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.095671	25.0	888722.0	0.191342	Y
2	STD2 550-287854/5	1.0	0.212395	25.0	807929.0	0.212395	Y
3	STD3 550-287854/6	2.0	0.454479	25.0	790960.0	0.22724	Y
4	STD4 550-287854/7	5.0	1.074878	25.0	796695.0	0.214976	Y
5	STD5 550-287854/8	10.0	2.178415	25.0	787063.0	0.217842	Y
6	STD6 550-287854/9	25.0	5.568065	25.0	824712.0	0.222723	Y
7	ICIS 550-287854/10	50.0	11.725834	25.0	793628.0	0.234517	Y
8	STD8 550-287854/11	75.0	16.59464	25.0	830247.0	0.221262	Y
9	STD9 550-287854/12	100.0	21.157444	25.0	861575.0	0.211574	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

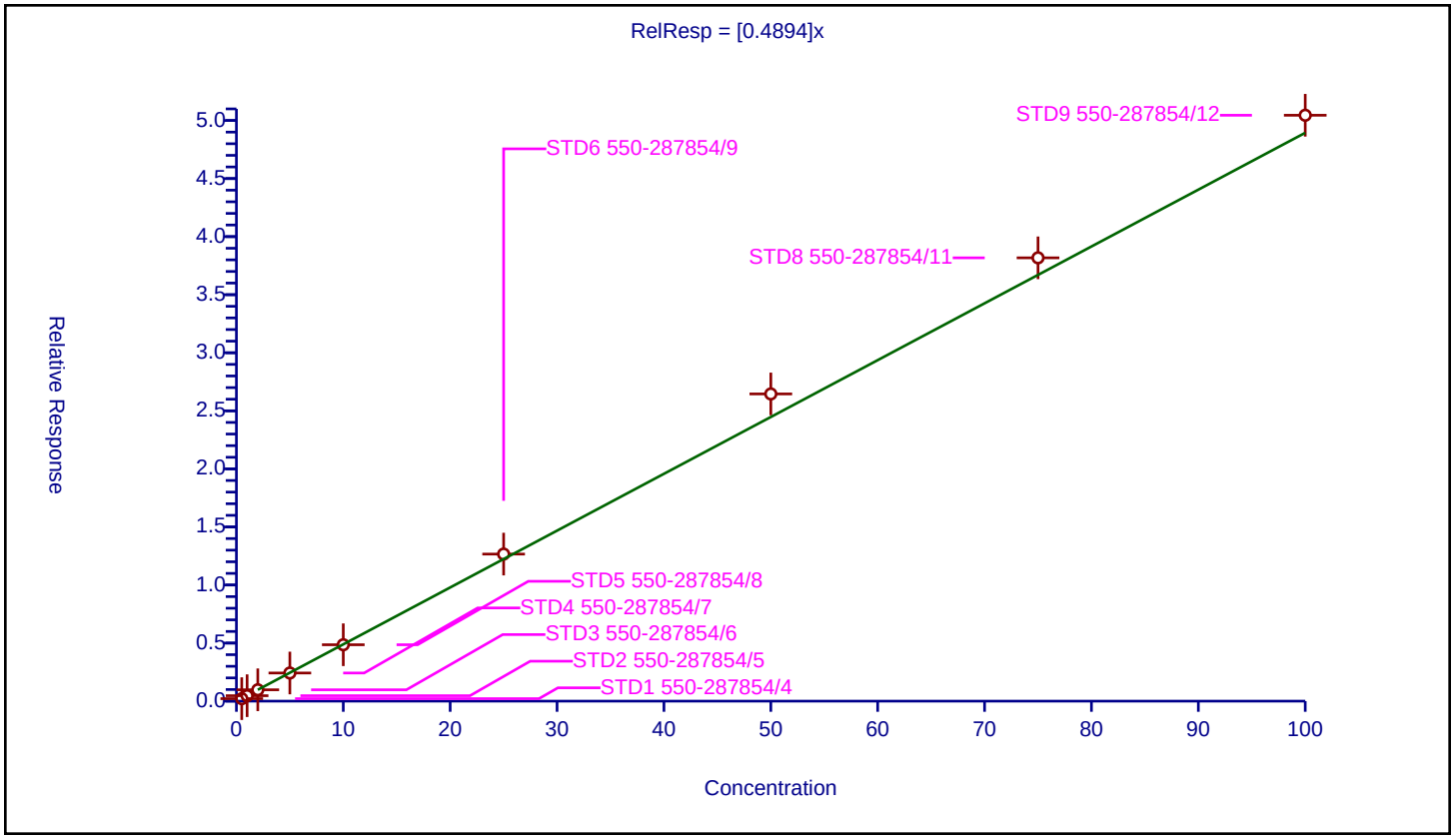
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.213706	25.0	888722.0	0.427411	Y
2	STD2 550-287854/5	1.0	0.469039	25.0	807929.0	0.469039	Y
3	STD3 550-287854/6	2.0	0.97723	25.0	790960.0	0.488615	Y
4	STD4 550-287854/7	5.0	2.423167	25.0	796695.0	0.484633	Y
5	STD5 550-287854/8	10.0	4.856028	25.0	787063.0	0.485603	Y
6	STD6 550-287854/9	25.0	12.664391	25.0	824712.0	0.506576	Y
7	ICIS 550-287854/10	50.0	26.454334	25.0	793628.0	0.529087	Y
8	STD8 550-287854/11	75.0	38.174332	25.0	830247.0	0.508991	Y
9	STD9 550-287854/12	100.0	50.45295	25.0	861575.0	0.504529	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

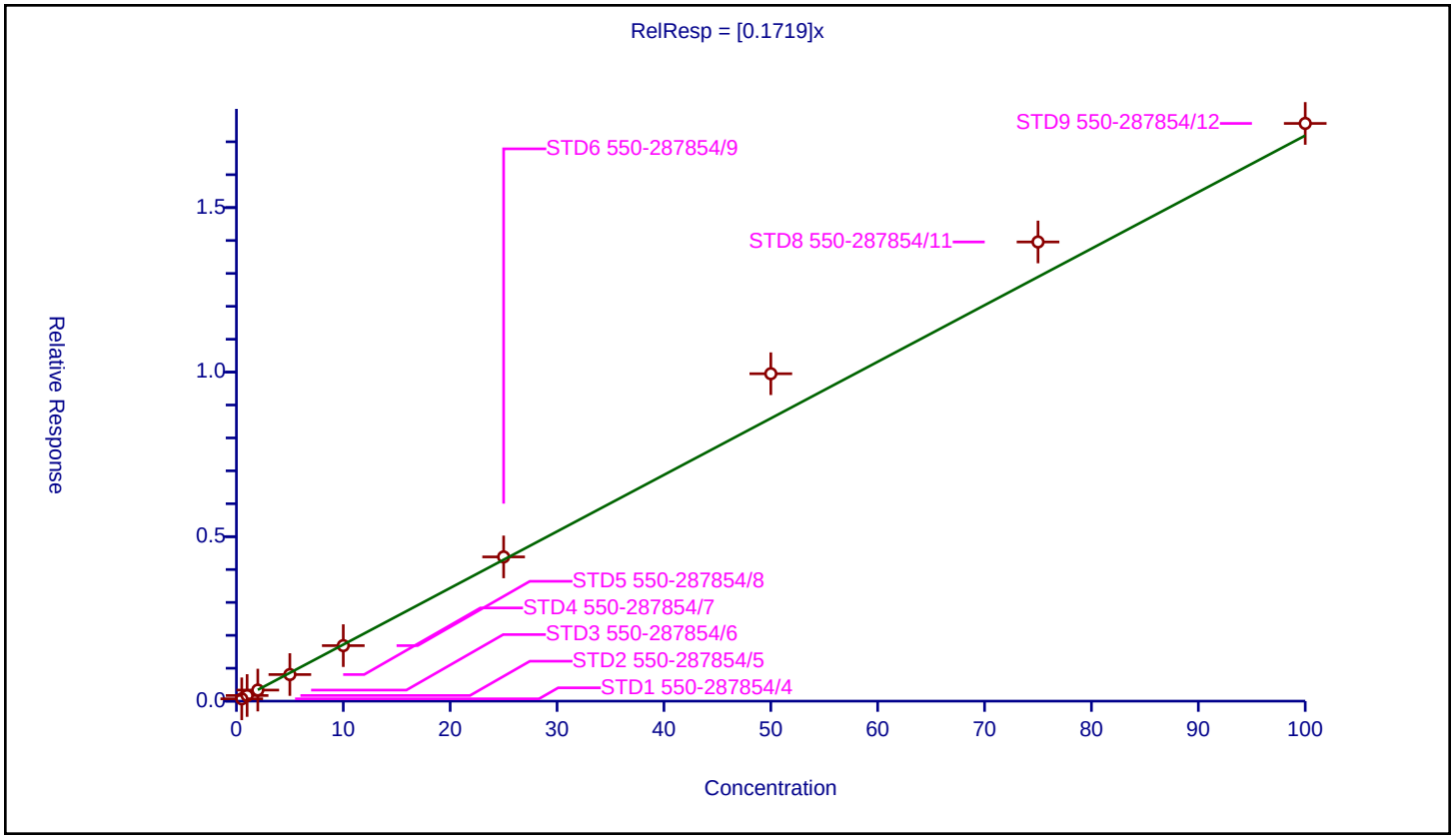
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.070579	25.0	888722.0	0.141158	Y
2	STD2 550-287854/5	1.0	0.171488	25.0	807929.0	0.171488	Y
3	STD3 550-287854/6	2.0	0.336269	25.0	790960.0	0.168134	Y
4	STD4 550-287854/7	5.0	0.8079	25.0	796695.0	0.16158	Y
5	STD5 550-287854/8	10.0	1.687095	25.0	787063.0	0.168709	Y
6	STD6 550-287854/9	25.0	4.383379	25.0	824712.0	0.175335	Y
7	ICIS 550-287854/10	50.0	9.951482	25.0	793628.0	0.19903	Y
8	STD8 550-287854/11	75.0	13.955606	25.0	830247.0	0.186075	Y
9	STD9 550-287854/12	100.0	17.558425	25.0	861575.0	0.175584	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

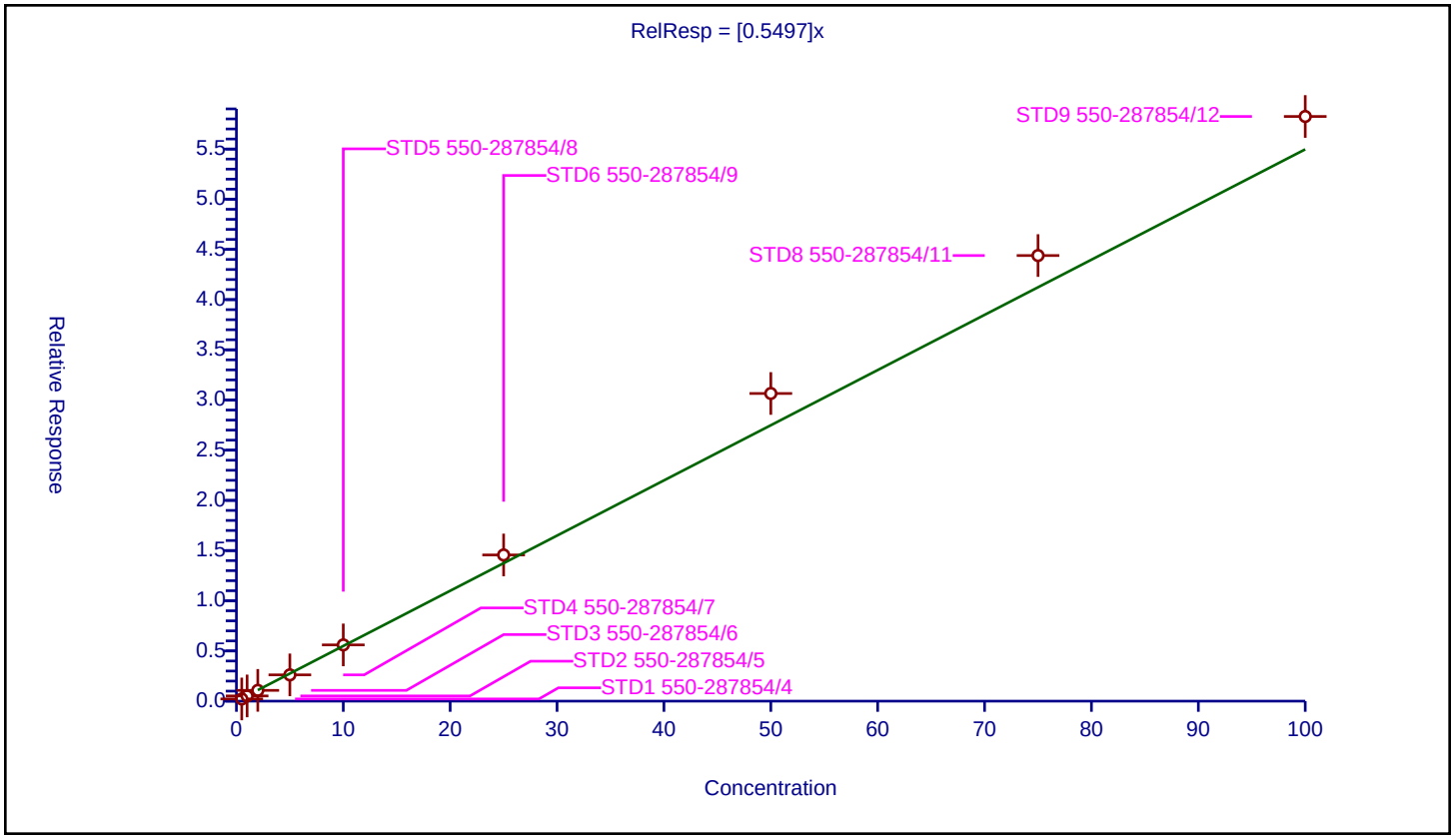
Curve Coefficients

Intercept:	0
Slope:	0.5497

Error Coefficients

Standard Error:	963000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218854	25.0	888722.0	0.437707	Y
2	STD2 550-287854/5	1.0	0.518919	25.0	807929.0	0.518919	Y
3	STD3 550-287854/6	2.0	1.074043	25.0	790960.0	0.537021	Y
4	STD4 550-287854/7	5.0	2.618066	25.0	796695.0	0.523613	Y
5	STD5 550-287854/8	10.0	5.602188	25.0	787063.0	0.560219	Y
6	STD6 550-287854/9	25.0	14.563023	25.0	824712.0	0.582521	Y
7	ICIS 550-287854/10	50.0	30.649624	25.0	793628.0	0.612992	Y
8	STD8 550-287854/11	75.0	44.390133	25.0	830247.0	0.591868	Y
9	STD9 550-287854/12	100.0	58.242985	25.0	861575.0	0.58243	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

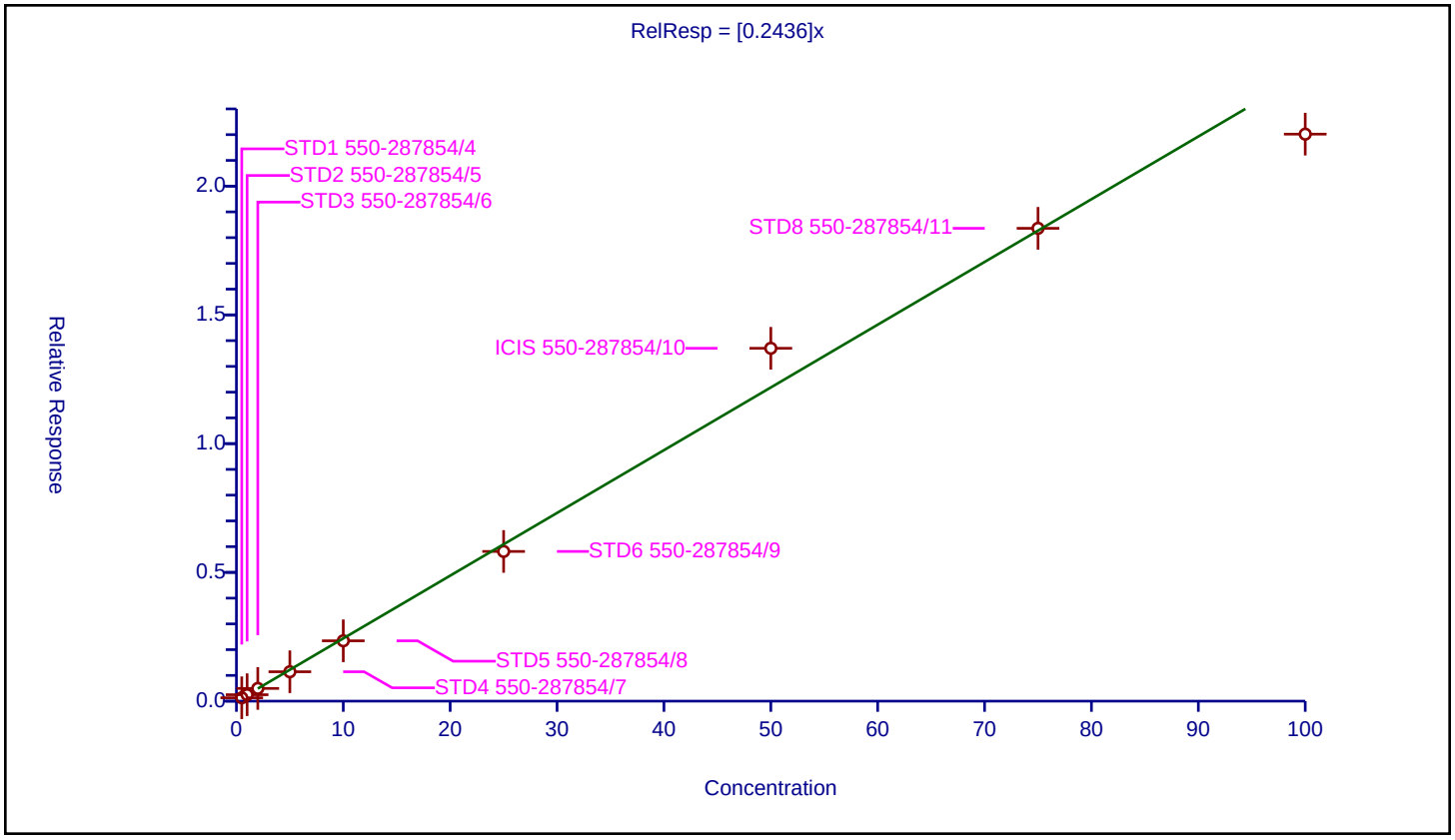
Curve Coefficients

Intercept:	0
Slope:	0.2436

Error Coefficients

Standard Error:	384000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.130665	25.0	888722.0	0.26133	Y
2	STD2 550-287854/5	1.0	0.250115	25.0	807929.0	0.250115	Y
3	STD3 550-287854/6	2.0	0.49402	25.0	790960.0	0.24701	Y
4	STD4 550-287854/7	5.0	1.141811	25.0	796695.0	0.228362	Y
5	STD5 550-287854/8	10.0	2.343173	25.0	787063.0	0.234317	Y
6	STD6 550-287854/9	25.0	5.813666	25.0	824712.0	0.232547	Y
7	ICIS 550-287854/10	50.0	13.703303	25.0	793628.0	0.274066	Y
8	STD8 550-287854/11	75.0	18.362096	25.0	830247.0	0.244828	Y
9	STD9 550-287854/12	100.0	22.019615	25.0	861575.0	0.220196	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

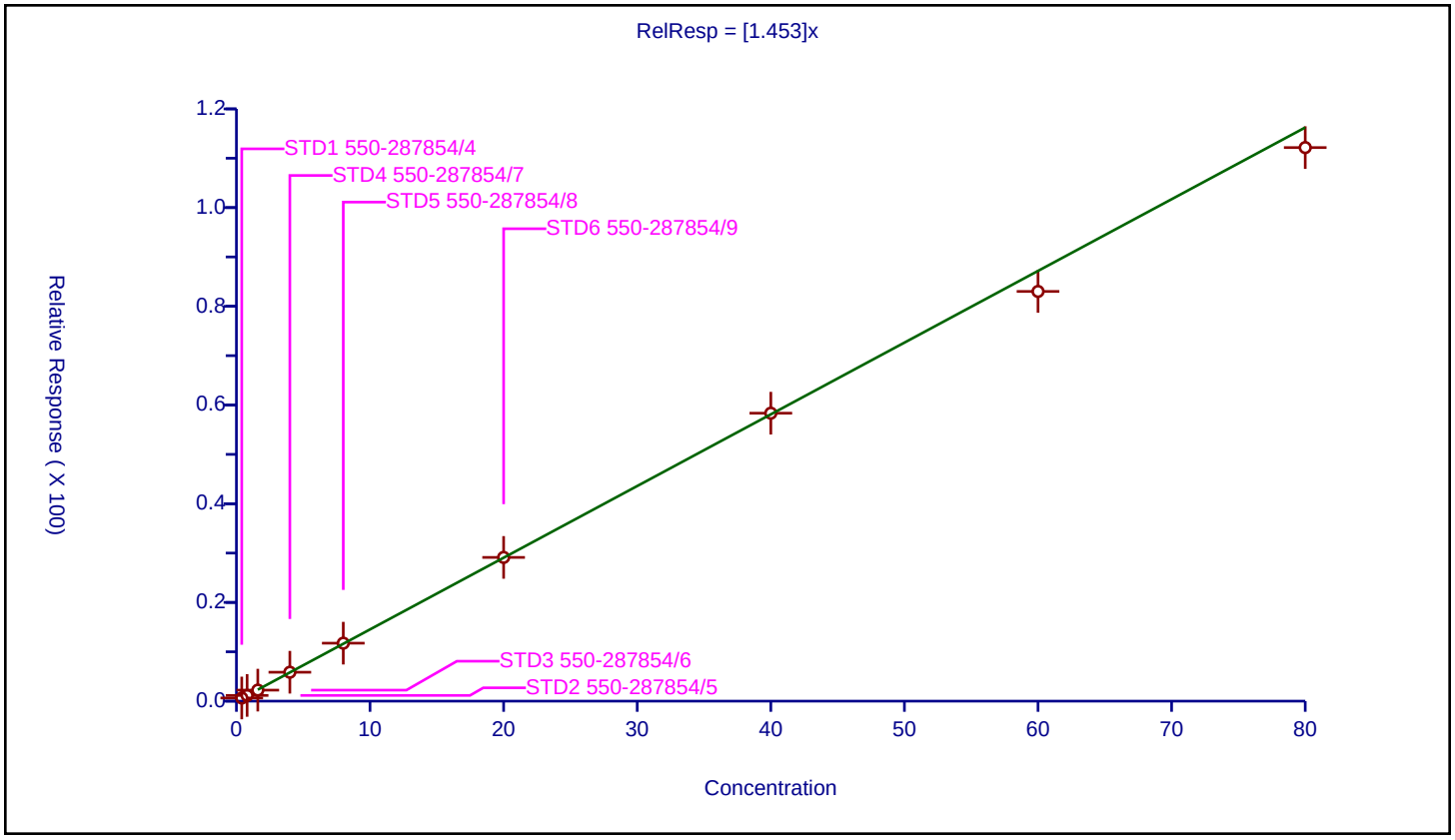
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.639233	25.0	888722.0	1.598081	Y
2	STD2 550-287854/5	0.8	1.158425	25.0	807929.0	1.448031	Y
3	STD3 550-287854/6	1.6	2.234057	25.0	790960.0	1.396286	Y
4	STD4 550-287854/7	4.0	5.857919	25.0	796695.0	1.46448	Y
5	STD5 550-287854/8	8.0	11.747058	25.0	787063.0	1.468382	Y
6	STD6 550-287854/9	20.0	29.120529	25.0	824712.0	1.456026	Y
7	ICIS 550-287854/10	40.0	58.342605	25.0	793628.0	1.458565	Y
8	STD8 550-287854/11	60.0	83.009574	25.0	830247.0	1.383493	Y
9	STD9 550-287854/12	80.0	112.159185	25.0	861575.0	1.40199	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

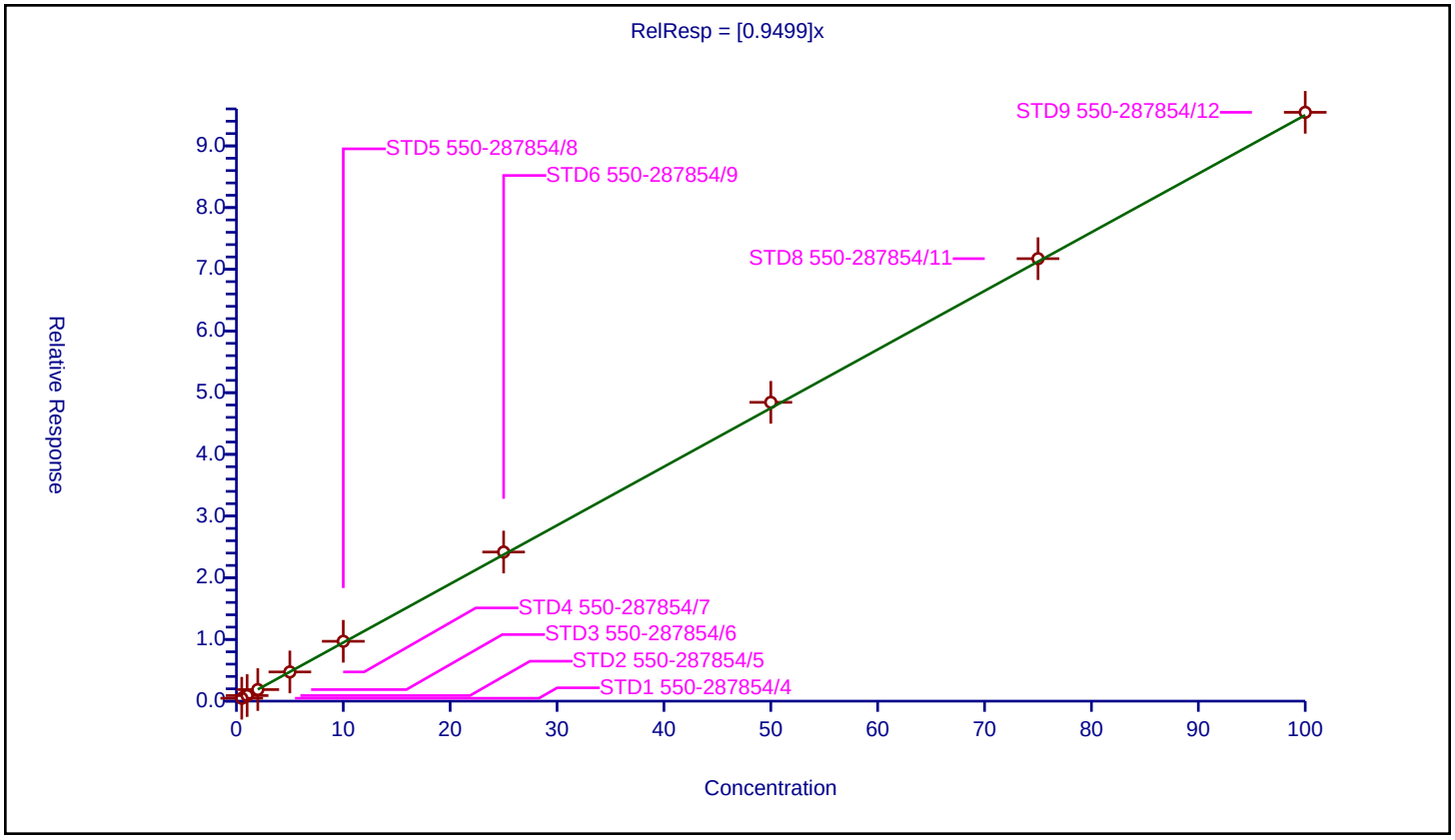
Curve Coefficients

Intercept:	0
Slope:	0.9499

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.471154	25.0	888722.0	0.942308	Y
2	STD2 550-287854/5	1.0	0.905896	25.0	807929.0	0.905896	Y
3	STD3 550-287854/6	2.0	1.875632	25.0	790960.0	0.937816	Y
4	STD4 550-287854/7	5.0	4.733148	25.0	796695.0	0.94663	Y
5	STD5 550-287854/8	10.0	9.703829	25.0	787063.0	0.970383	Y
6	STD6 550-287854/9	25.0	24.171893	25.0	824712.0	0.966876	Y
7	ICIS 550-287854/10	50.0	48.43598	25.0	793628.0	0.96872	Y
8	STD8 550-287854/11	75.0	71.725282	25.0	830247.0	0.956337	Y
9	STD9 550-287854/12	100.0	95.442039	25.0	861575.0	0.95442	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

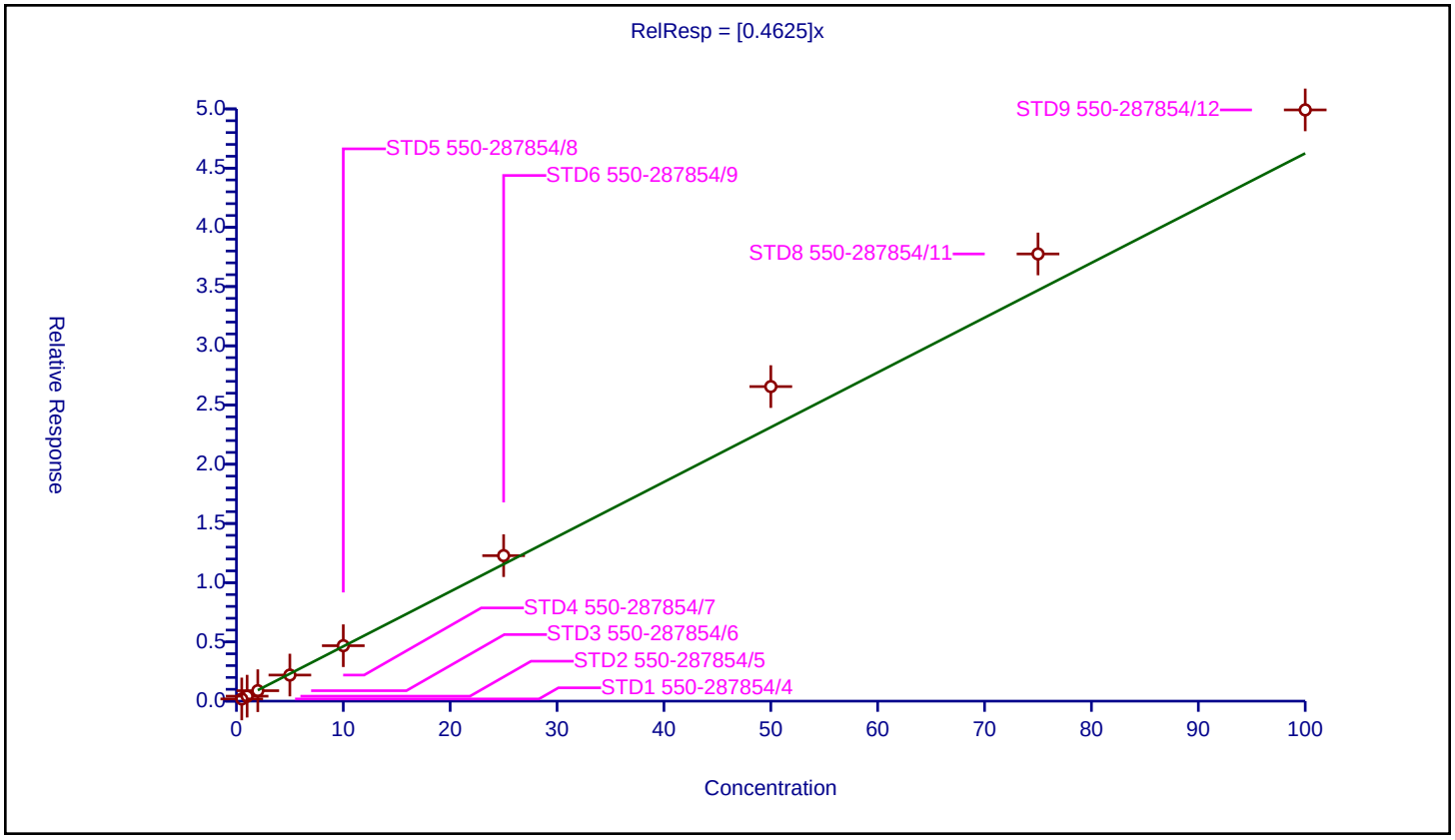
Curve Coefficients

Intercept:	0
Slope:	0.4625

Error Coefficients

Standard Error:	824000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.184422	25.0	888722.0	0.368844	Y
2	STD2 550-287854/5	1.0	0.418911	25.0	807929.0	0.418911	Y
3	STD3 550-287854/6	2.0	0.882156	25.0	790960.0	0.441078	Y
4	STD4 550-287854/7	5.0	2.20216	25.0	796695.0	0.440432	Y
5	STD5 550-287854/8	10.0	4.680121	25.0	787063.0	0.468012	Y
6	STD6 550-287854/9	25.0	12.283288	25.0	824712.0	0.491332	Y
7	ICIS 550-287854/10	50.0	26.557625	25.0	793628.0	0.531153	Y
8	STD8 550-287854/11	75.0	37.754969	25.0	830247.0	0.5034	Y
9	STD9 550-287854/12	100.0	49.913763	25.0	861575.0	0.499138	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

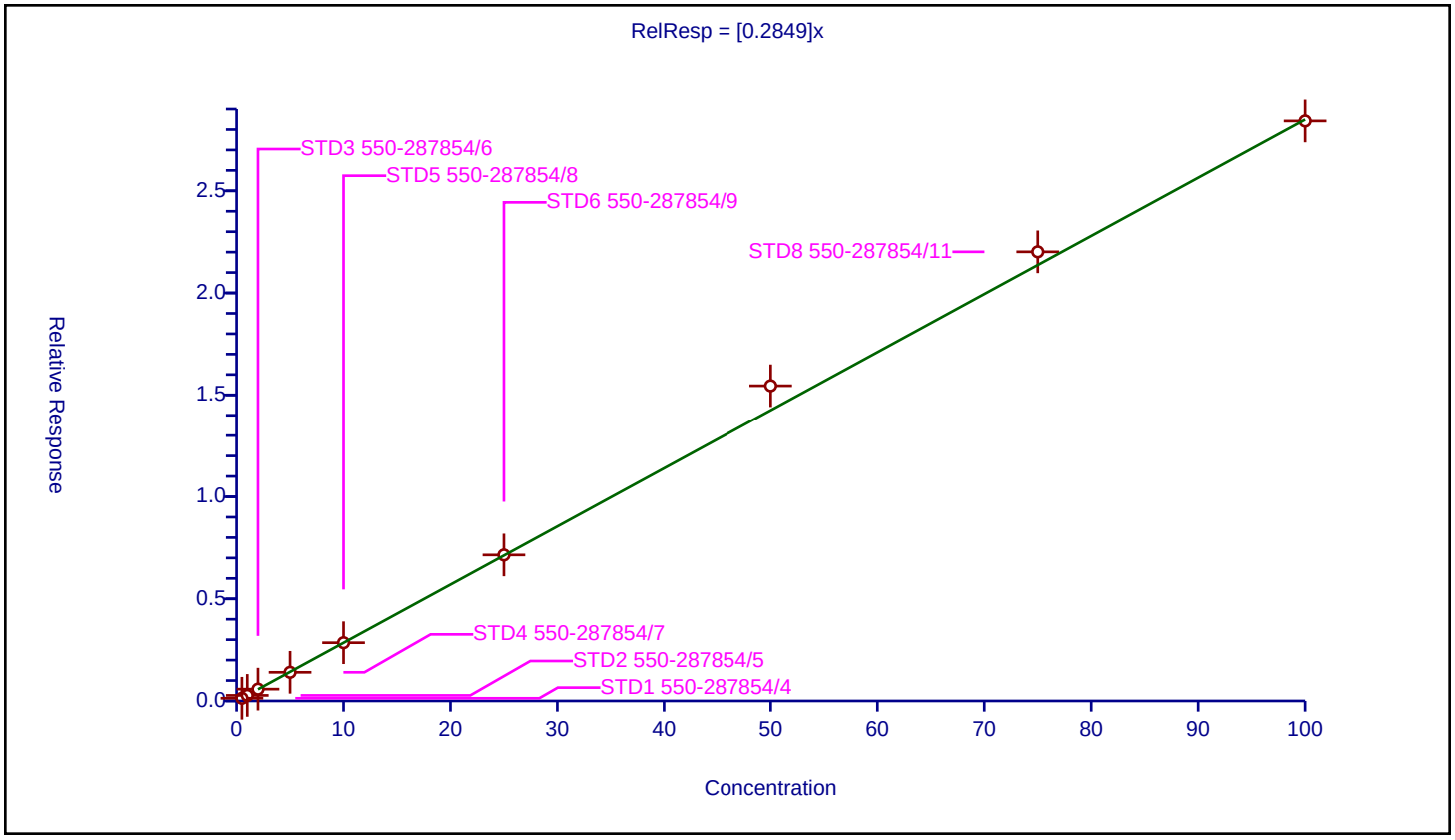
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	474000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.132522	25.0	888722.0	0.265044	Y
2	STD2 550-287854/5	1.0	0.271837	25.0	807929.0	0.271837	Y
3	STD3 550-287854/6	2.0	0.577779	25.0	790960.0	0.288889	Y
4	STD4 550-287854/7	5.0	1.402638	25.0	796695.0	0.280528	Y
5	STD5 550-287854/8	10.0	2.851932	25.0	787063.0	0.285193	Y
6	STD6 550-287854/9	25.0	7.148465	25.0	824712.0	0.285939	Y
7	ICIS 550-287854/10	50.0	15.449209	25.0	793628.0	0.308984	Y
8	STD8 550-287854/11	75.0	22.015226	25.0	830247.0	0.293536	Y
9	STD9 550-287854/12	100.0	28.419726	25.0	861575.0	0.284197	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

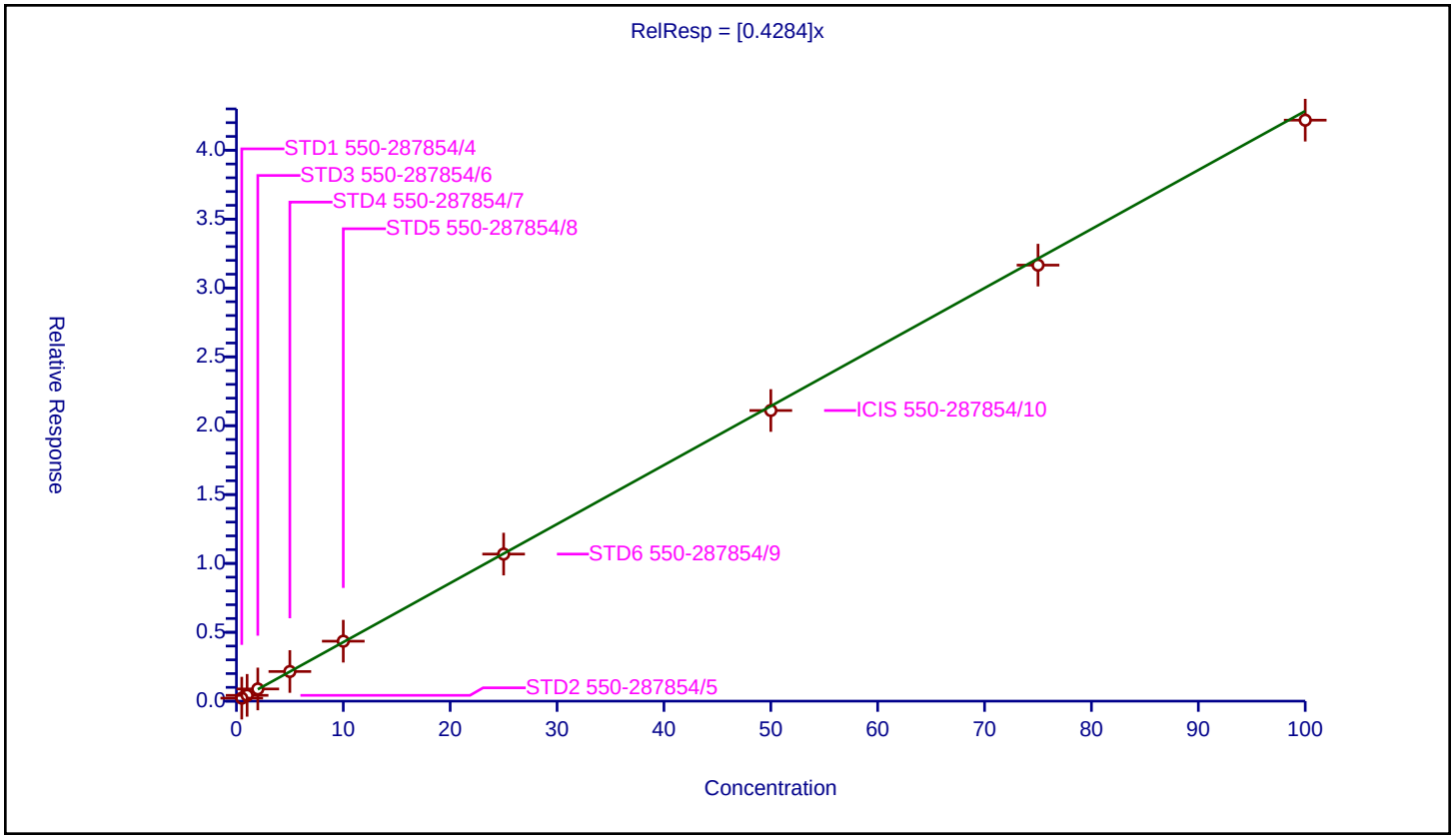
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	691000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.2168	25.0	888722.0	0.4336	Y
2	STD2 550-287854/5	1.0	0.421386	25.0	807929.0	0.421386	Y
3	STD3 550-287854/6	2.0	0.884748	25.0	790960.0	0.442374	Y
4	STD4 550-287854/7	5.0	2.151545	25.0	796695.0	0.430309	Y
5	STD5 550-287854/8	10.0	4.35286	25.0	787063.0	0.435286	Y
6	STD6 550-287854/9	25.0	10.676939	25.0	824712.0	0.427078	Y
7	ICIS 550-287854/10	50.0	21.102047	25.0	793628.0	0.422041	Y
8	STD8 550-287854/11	75.0	31.657236	25.0	830247.0	0.422096	Y
9	STD9 550-287854/12	100.0	42.181209	25.0	861575.0	0.421812	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

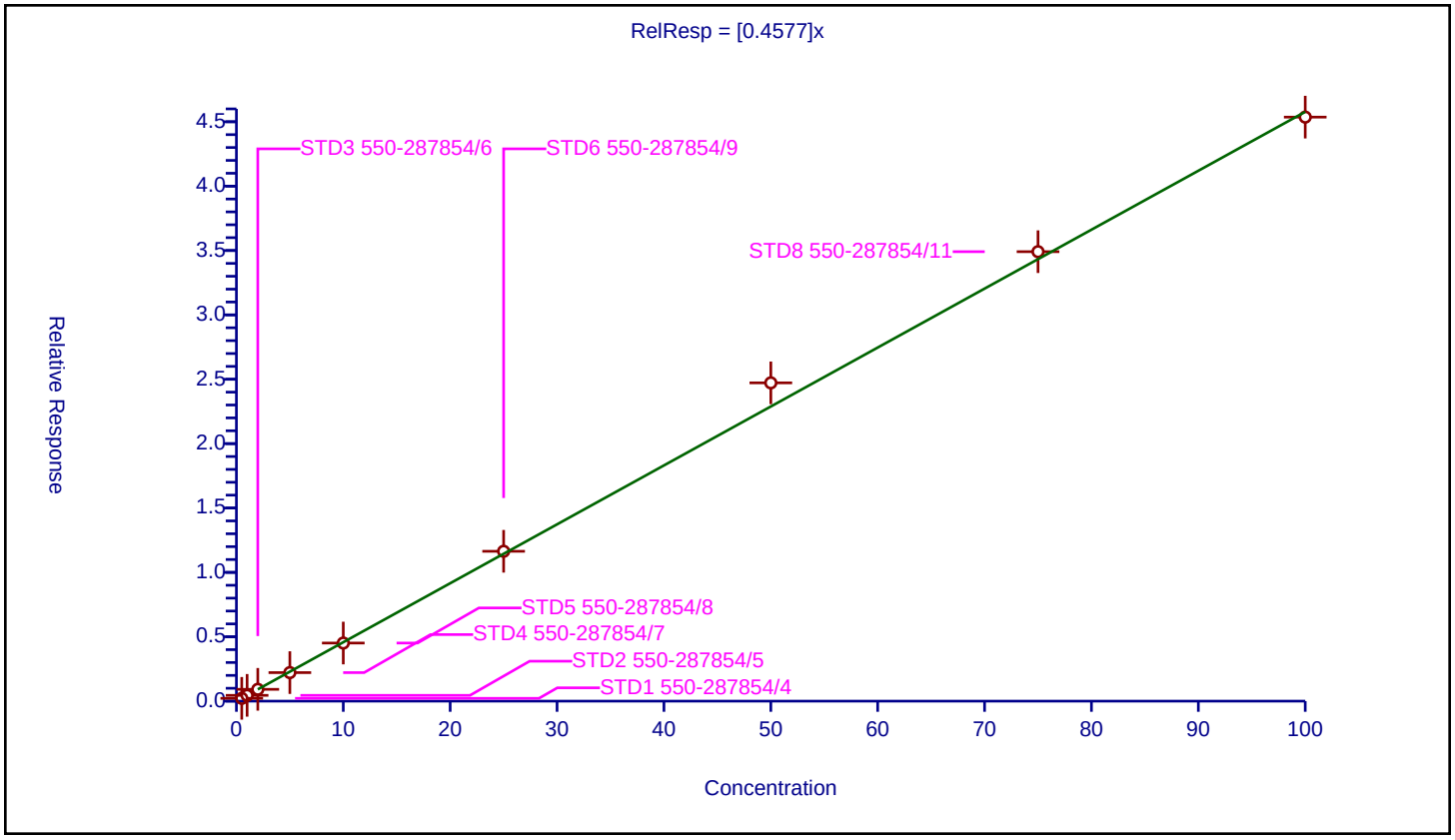
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.218741	25.0	888722.0	0.437482	Y
2	STD2 550-287854/5	1.0	0.45007	25.0	807929.0	0.45007	Y
3	STD3 550-287854/6	2.0	0.916418	25.0	790960.0	0.458209	Y
4	STD4 550-287854/7	5.0	2.216595	25.0	796695.0	0.443319	Y
5	STD5 550-287854/8	10.0	4.512091	25.0	787063.0	0.451209	Y
6	STD6 550-287854/9	25.0	11.639639	25.0	824712.0	0.465586	Y
7	ICIS 550-287854/10	50.0	24.720776	25.0	793628.0	0.494416	Y
8	STD8 550-287854/11	75.0	34.910394	25.0	830247.0	0.465472	Y
9	STD9 550-287854/12	100.0	45.361547	25.0	861575.0	0.453615	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

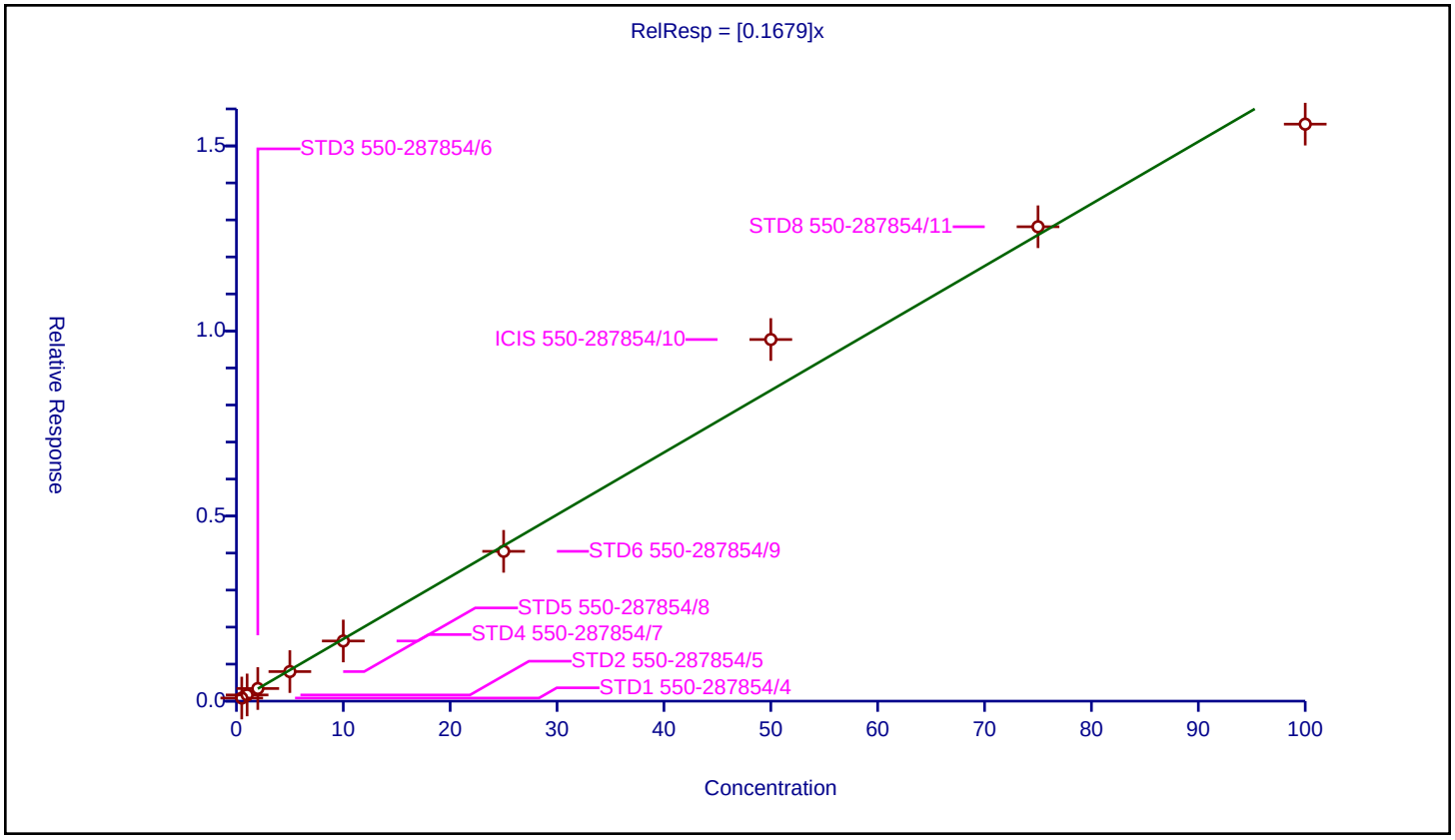
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.083856	25.0	888722.0	0.167713	Y
2	STD2 550-287854/5	1.0	0.16697	25.0	807929.0	0.16697	Y
3	STD3 550-287854/6	2.0	0.340915	25.0	790960.0	0.170457	Y
4	STD4 550-287854/7	5.0	0.798298	25.0	796695.0	0.15966	Y
5	STD5 550-287854/8	10.0	1.624902	25.0	787063.0	0.16249	Y
6	STD6 550-287854/9	25.0	4.047231	25.0	824712.0	0.161889	Y
7	ICIS 550-287854/10	50.0	9.769281	25.0	793628.0	0.195386	Y
8	STD8 550-287854/11	75.0	12.816035	25.0	830247.0	0.17088	Y
9	STD9 550-287854/12	100.0	15.588225	25.0	861575.0	0.155882	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

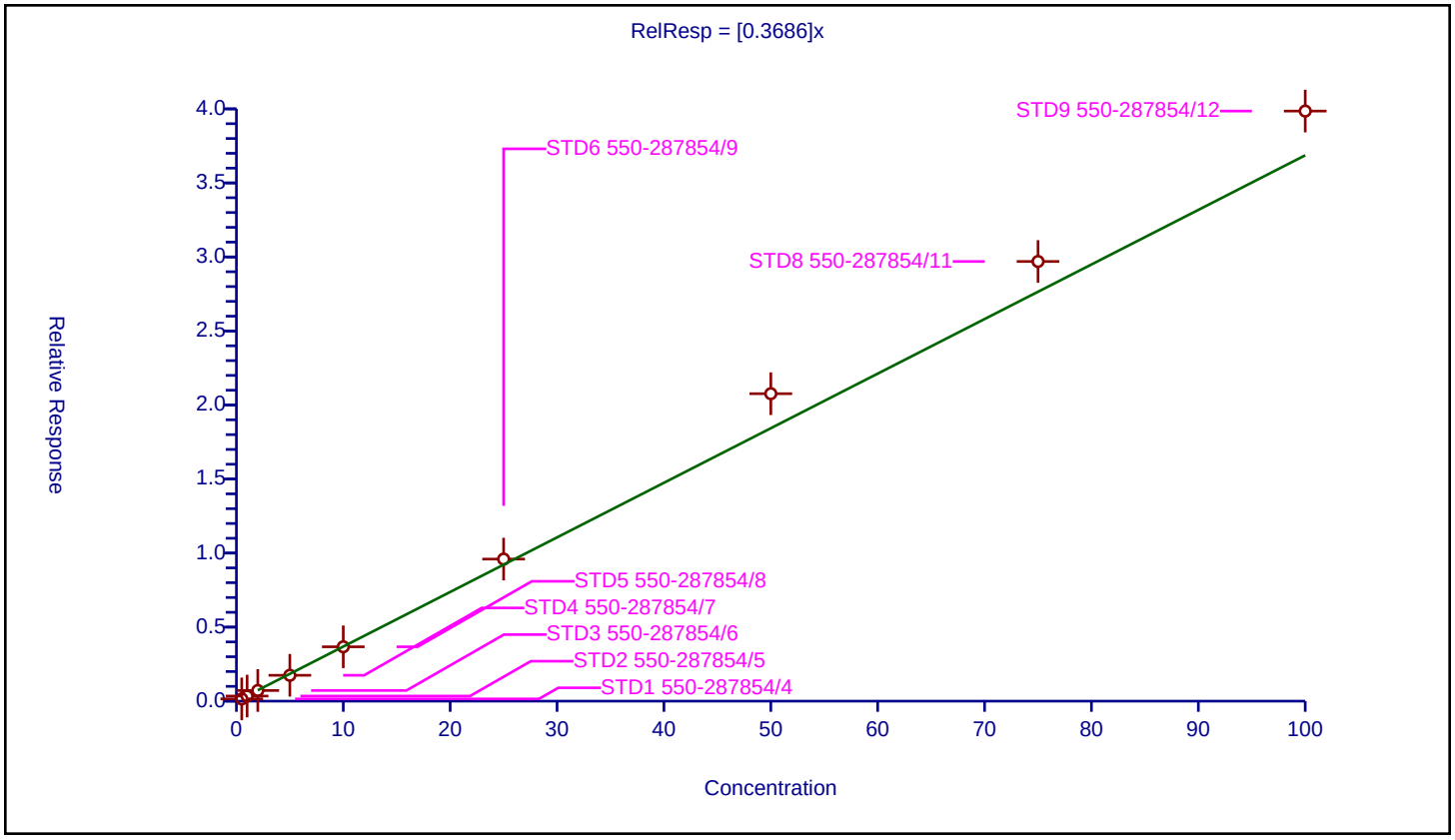
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Standard Error:	653000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.152382	25.0	888722.0	0.304763	Y
2	STD2 550-287854/5	1.0	0.343873	25.0	807929.0	0.343873	Y
3	STD3 550-287854/6	2.0	0.718968	25.0	790960.0	0.359484	Y
4	STD4 550-287854/7	5.0	1.745461	25.0	796695.0	0.349092	Y
5	STD5 550-287854/8	10.0	3.670545	25.0	787063.0	0.367054	Y
6	STD6 550-287854/9	25.0	9.59344	25.0	824712.0	0.383738	Y
7	ICIS 550-287854/10	50.0	20.765617	25.0	793628.0	0.415312	Y
8	STD8 550-287854/11	75.0	29.694597	25.0	830247.0	0.395928	Y
9	STD9 550-287854/12	100.0	39.853147	25.0	861575.0	0.398531	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

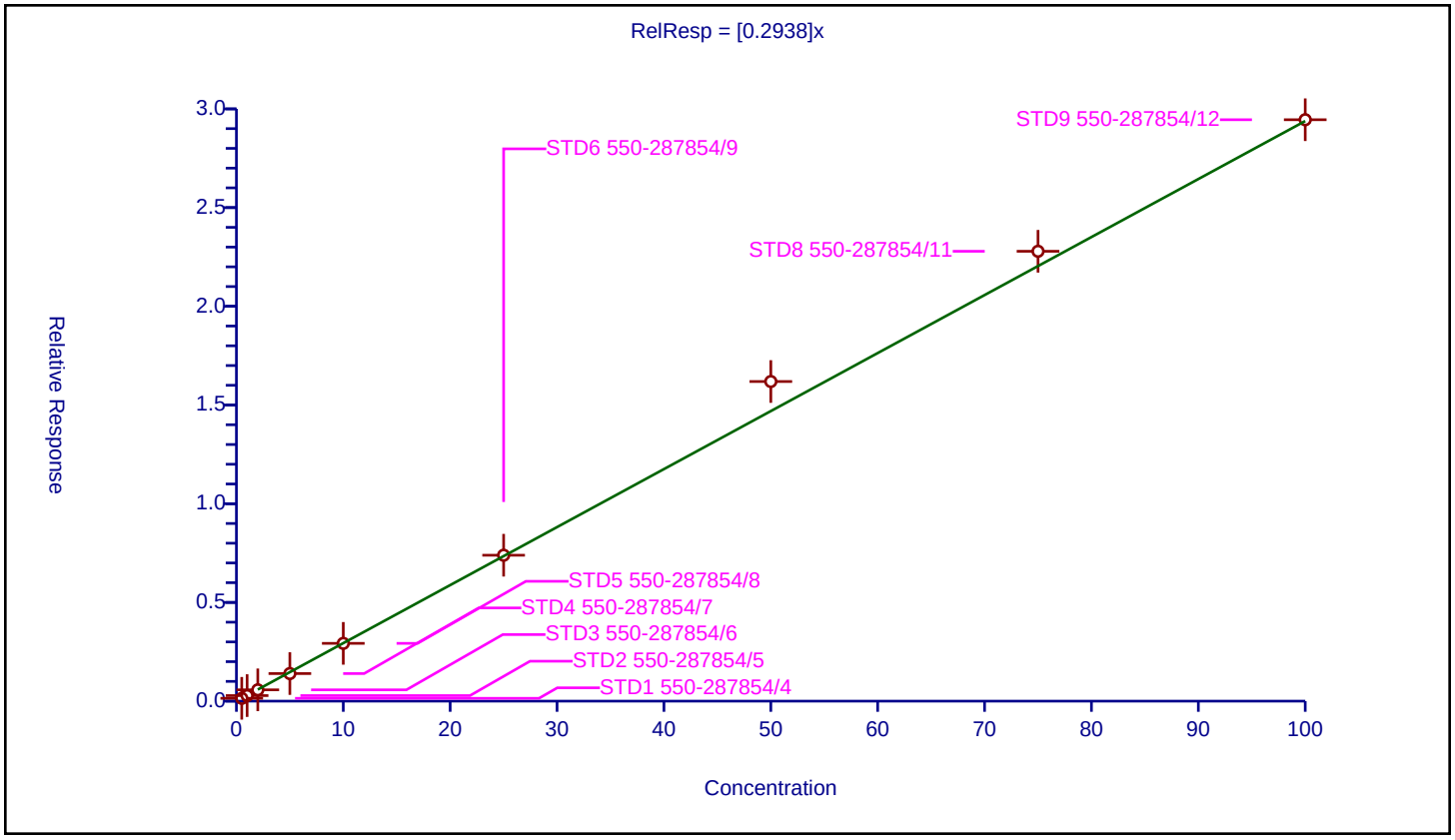
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	492000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.143605	25.0	888722.0	0.28721	Y
2	STD2 550-287854/5	1.0	0.281398	25.0	807929.0	0.281398	Y
3	STD3 550-287854/6	2.0	0.572469	25.0	790960.0	0.286234	Y
4	STD4 550-287854/7	5.0	1.396519	25.0	796695.0	0.279304	Y
5	STD5 550-287854/8	10.0	2.926576	25.0	787063.0	0.292658	Y
6	STD6 550-287854/9	25.0	7.391308	25.0	824712.0	0.295652	Y
7	ICIS 550-287854/10	50.0	16.190331	25.0	793628.0	0.323807	Y
8	STD8 550-287854/11	75.0	22.787315	25.0	830247.0	0.303831	Y
9	STD9 550-287854/12	100.0	29.451557	25.0	861575.0	0.294516	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

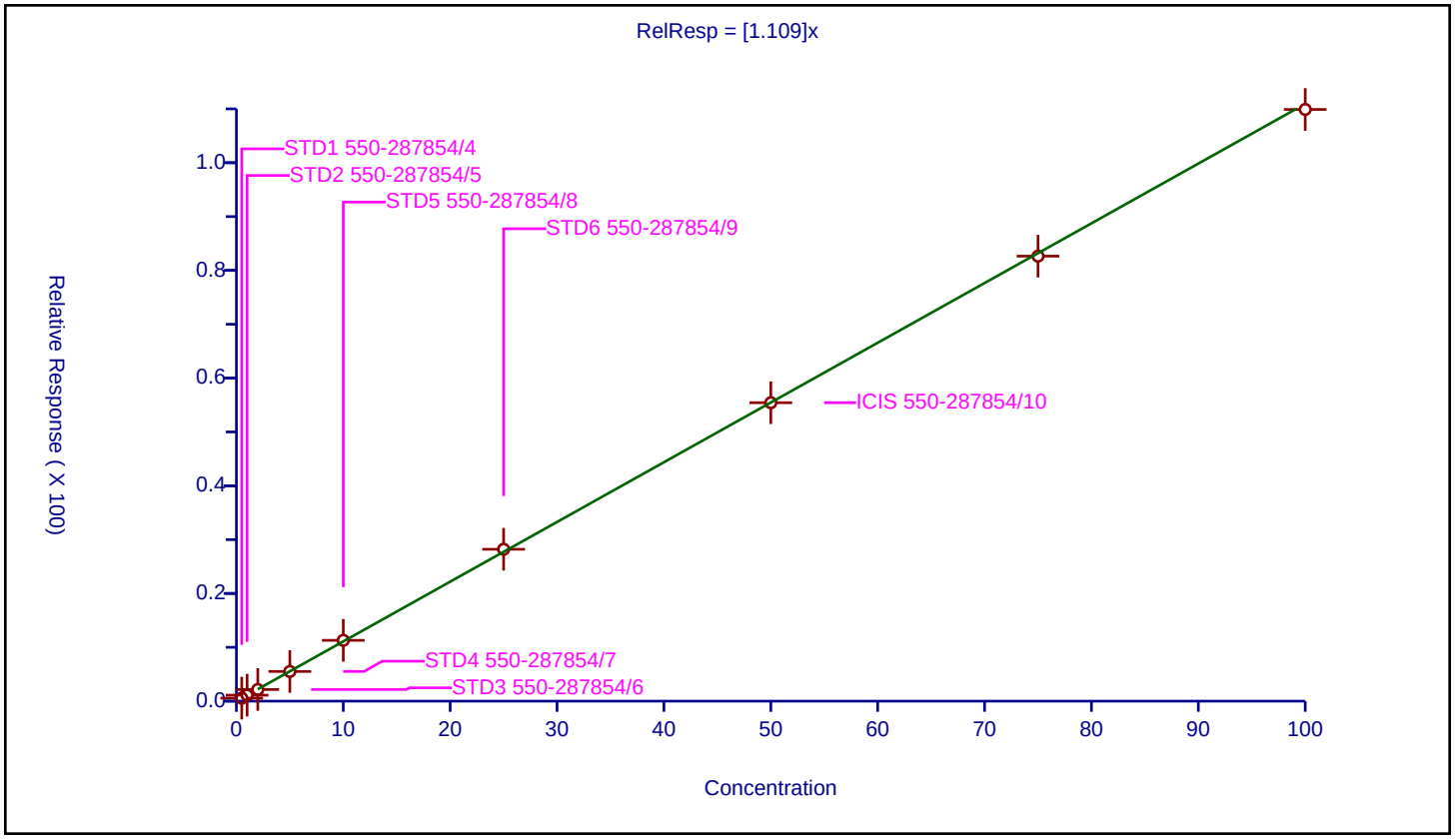
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.559258	25.0	888722.0	1.118516	Y
2	STD2 550-287854/5	1.0	1.11334	25.0	807929.0	1.11334	Y
3	STD3 550-287854/6	2.0	2.164206	25.0	790960.0	1.082103	Y
4	STD4 550-287854/7	5.0	5.511927	25.0	796695.0	1.102385	Y
5	STD5 550-287854/8	10.0	11.296332	25.0	787063.0	1.129633	Y
6	STD6 550-287854/9	25.0	28.207908	25.0	824712.0	1.128316	Y
7	ICIS 550-287854/10	50.0	55.427354	25.0	793628.0	1.108547	Y
8	STD8 550-287854/11	75.0	82.647664	25.0	830247.0	1.101969	Y
9	STD9 550-287854/12	100.0	109.89319	25.0	861575.0	1.098932	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

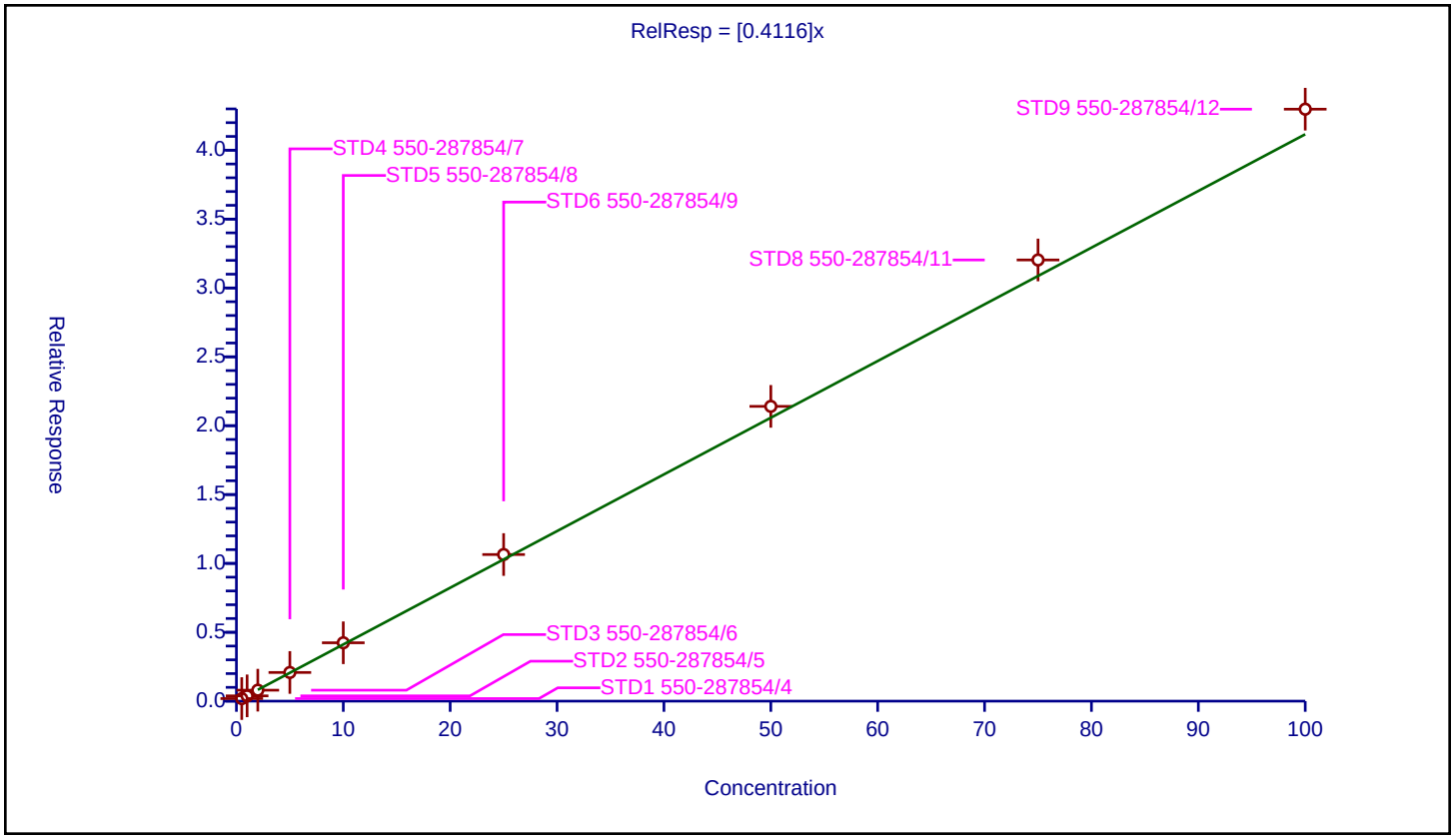
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	701000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.185913	25.0	888722.0	0.371826	Y
2	STD2 550-287854/5	1.0	0.38348	25.0	807929.0	0.38348	Y
3	STD3 550-287854/6	2.0	0.7959	25.0	790960.0	0.39795	Y
4	STD4 550-287854/7	5.0	2.081662	25.0	796695.0	0.416332	Y
5	STD5 550-287854/8	10.0	4.237685	25.0	787063.0	0.423768	Y
6	STD6 550-287854/9	25.0	10.644655	25.0	824712.0	0.425786	Y
7	ICIS 550-287854/10	50.0	21.40099	25.0	793628.0	0.42802	Y
8	STD8 550-287854/11	75.0	32.031793	25.0	830247.0	0.427091	Y
9	STD9 550-287854/12	100.0	42.979514	25.0	861575.0	0.429795	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

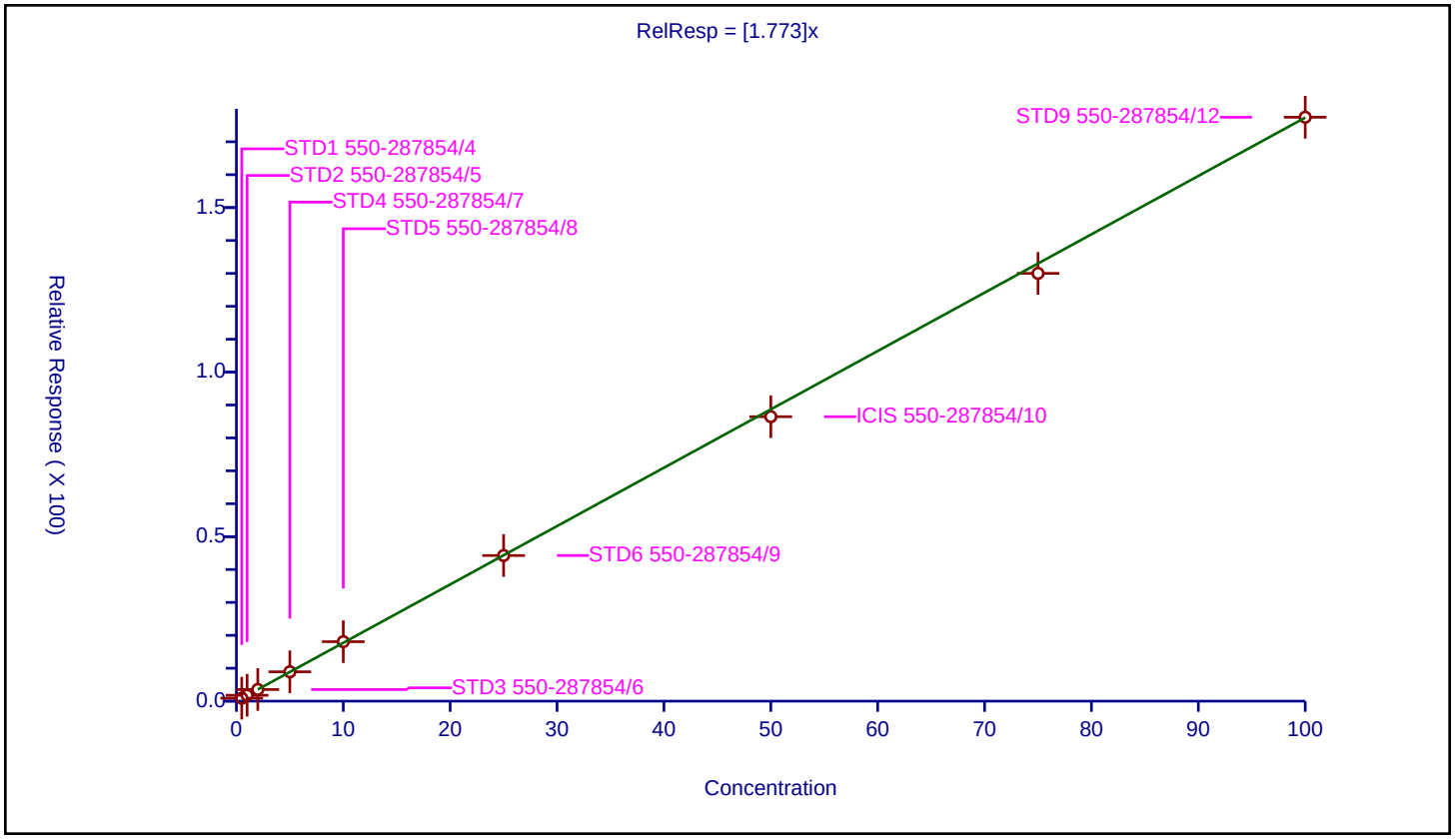
Curve Coefficients

Intercept:	0
Slope:	1.773

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	1.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.904192	25.0	888722.0	1.808383	Y
2	STD2 550-287854/5	1.0	1.788462	25.0	807929.0	1.788462	Y
3	STD3 550-287854/6	2.0	3.535703	25.0	790960.0	1.767852	Y
4	STD4 550-287854/7	5.0	8.912539	25.0	796695.0	1.782508	Y
5	STD5 550-287854/8	10.0	18.068662	25.0	787063.0	1.806866	Y
6	STD6 550-287854/9	25.0	44.257601	25.0	824712.0	1.770304	Y
7	ICIS 550-287854/10	50.0	86.452374	25.0	793628.0	1.729047	Y
8	STD8 550-287854/11	75.0	130.006281	25.0	830247.0	1.733417	Y
9	STD9 550-287854/12	100.0	177.458114	25.0	861575.0	1.774581	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

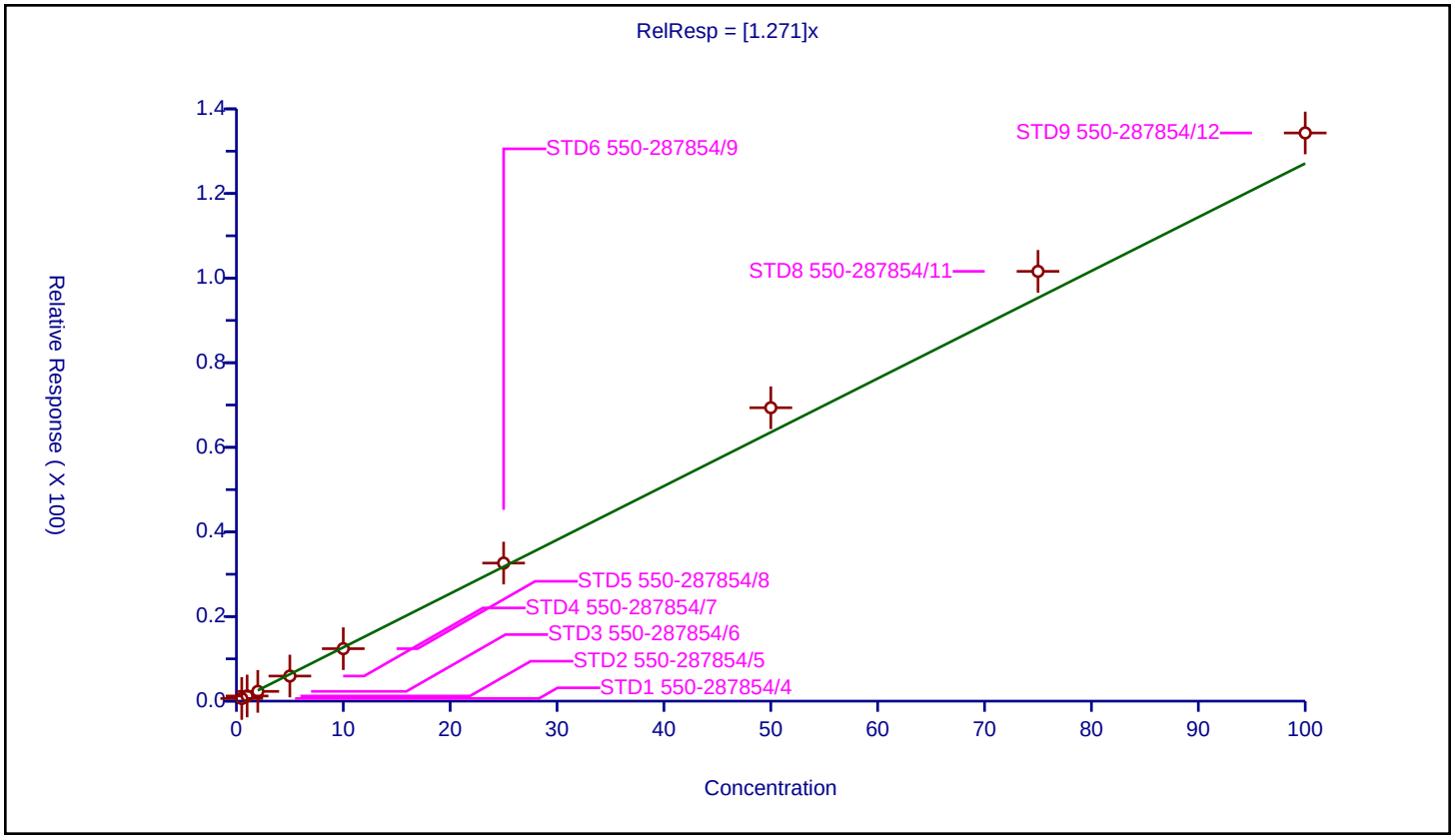
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.626601	25.0	511490.0	1.253201	Y
2	STD2 550-287854/5	1.0	1.215737	25.0	480552.0	1.215737	Y
3	STD3 550-287854/6	2.0	2.308866	25.0	478644.0	1.154433	Y
4	STD4 550-287854/7	5.0	5.93104	25.0	478234.0	1.186208	Y
5	STD5 550-287854/8	10.0	12.400419	25.0	463694.0	1.240042	Y
6	STD6 550-287854/9	25.0	32.632949	25.0	452204.0	1.305318	Y
7	ICIS 550-287854/10	50.0	69.359224	25.0	394241.0	1.387184	Y
8	STD8 550-287854/11	75.0	101.59418	25.0	421596.0	1.354589	Y
9	STD9 550-287854/12	100.0	134.309348	25.0	452956.0	1.343093	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

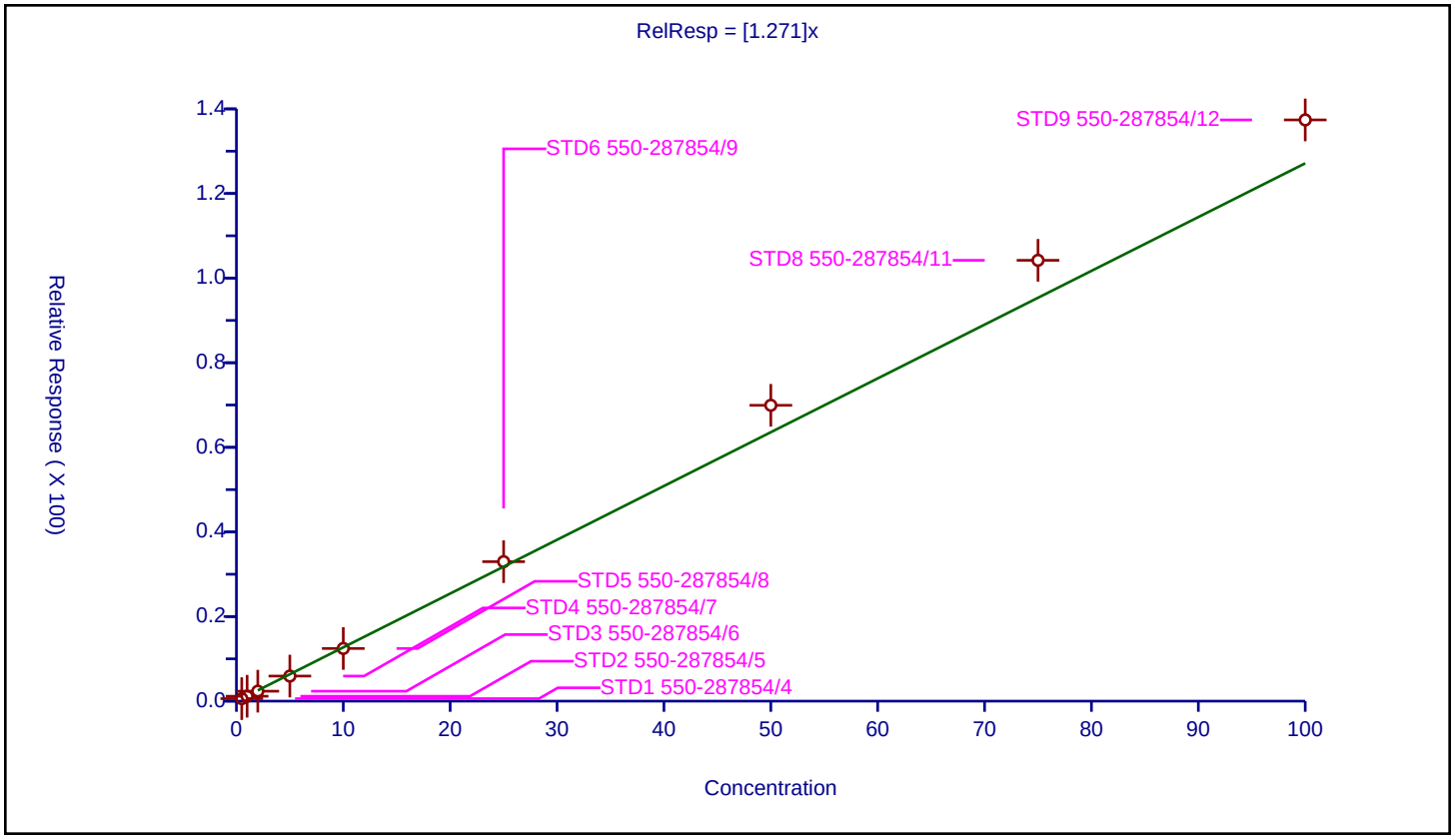
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.595613	25.0	511490.0	1.191226	Y
2	STD2 550-287854/5	1.0	1.163298	25.0	480552.0	1.163298	Y
3	STD3 550-287854/6	2.0	2.35227	25.0	478644.0	1.176135	Y
4	STD4 550-287854/7	5.0	5.927433	25.0	478234.0	1.185487	Y
5	STD5 550-287854/8	10.0	12.453202	25.0	463694.0	1.24532	Y
6	STD6 550-287854/9	25.0	32.969799	25.0	452204.0	1.318792	Y
7	ICIS 550-287854/10	50.0	69.929751	25.0	394241.0	1.398595	Y
8	STD8 550-287854/11	75.0	104.209717	25.0	421596.0	1.389463	Y
9	STD9 550-287854/12	100.0	137.395685	25.0	452956.0	1.373957	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

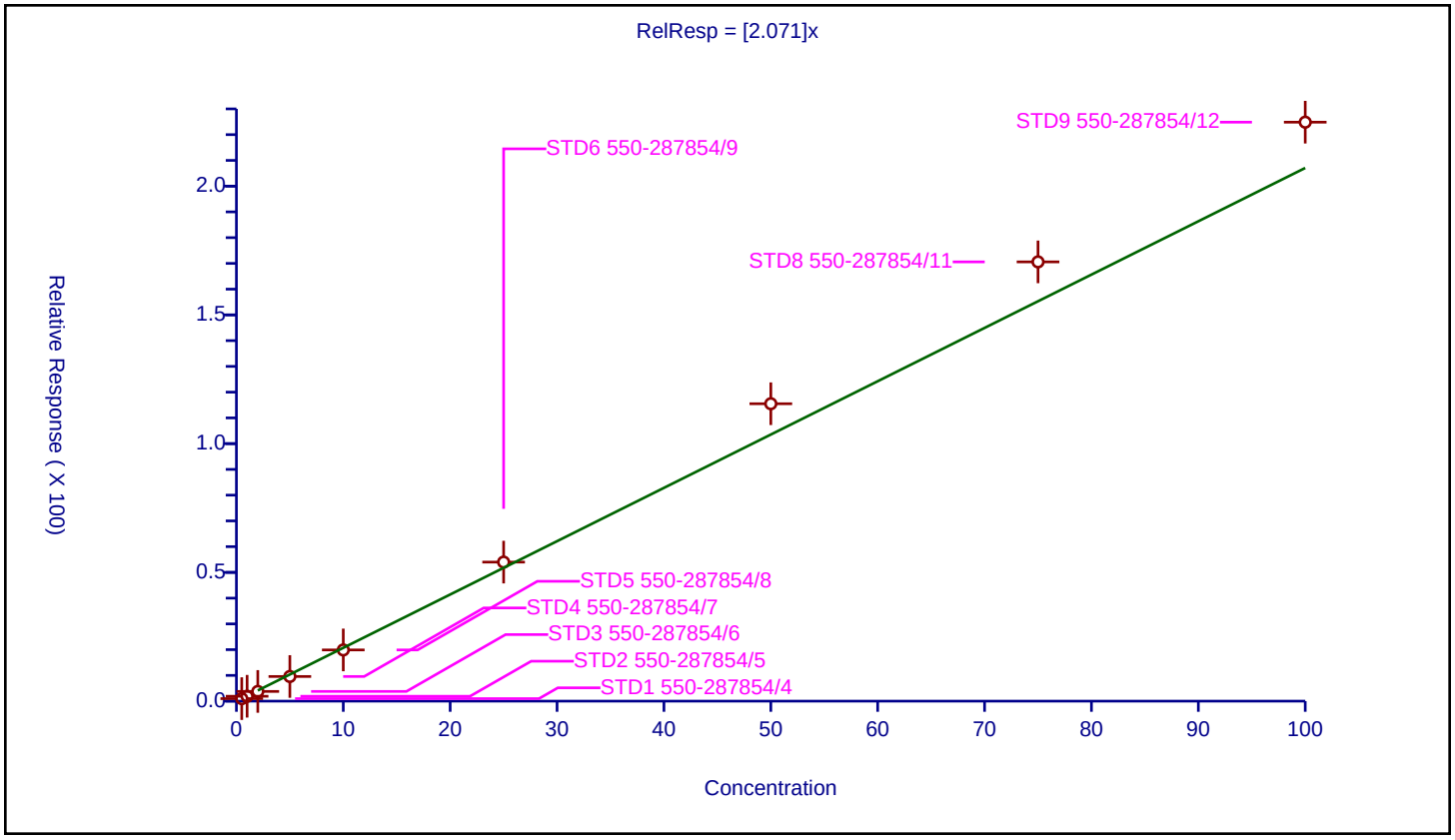
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.979882	25.0	511490.0	1.959765	Y
2	STD2 550-287854/5	1.0	1.894124	25.0	480552.0	1.894124	Y
3	STD3 550-287854/6	2.0	3.769346	25.0	478644.0	1.884673	Y
4	STD4 550-287854/7	5.0	9.577215	25.0	478234.0	1.915443	Y
5	STD5 550-287854/8	10.0	19.880568	25.0	463694.0	1.988057	Y
6	STD6 550-287854/9	25.0	53.99814	25.0	452204.0	2.159926	Y
7	ICIS 550-287854/10	50.0	115.500861	25.0	394241.0	2.310017	Y
8	STD8 550-287854/11	75.0	170.586355	25.0	421596.0	2.274485	Y
9	STD9 550-287854/12	100.0	224.837346	25.0	452956.0	2.248373	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

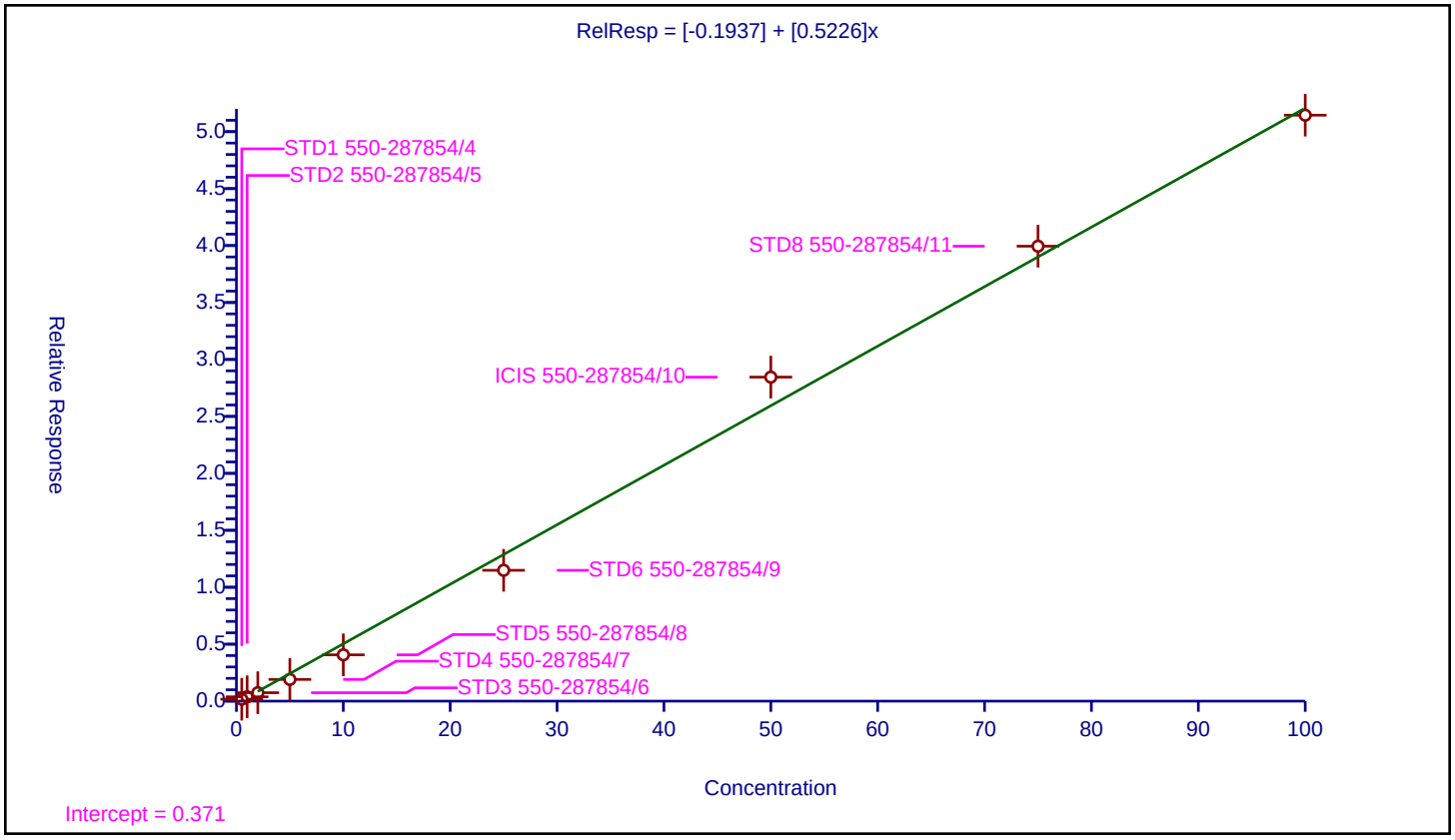
Curve Coefficients

Intercept:	-0.1937
Slope:	0.5226

Error Coefficients

Standard Error:	474000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.169163	25.0	511490.0	0.338325	Y
2	STD2 550-287854/5	1.0	0.38024	25.0	480552.0	0.38024	Y
3	STD3 550-287854/6	2.0	0.740373	25.0	478644.0	0.370186	Y
4	STD4 550-287854/7	5.0	1.903671	25.0	478234.0	0.380734	Y
5	STD5 550-287854/8	10.0	4.064911	25.0	463694.0	0.406491	Y
6	STD6 550-287854/9	25.0	11.488067	25.0	452204.0	0.459523	Y
7	ICIS 550-287854/10	50.0	28.447828	25.0	394241.0	0.568957	Y
8	STD8 550-287854/11	75.0	39.945884	25.0	421596.0	0.532612	Y
9	STD9 550-287854/12	100.0	51.447326	25.0	452956.0	0.514473	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

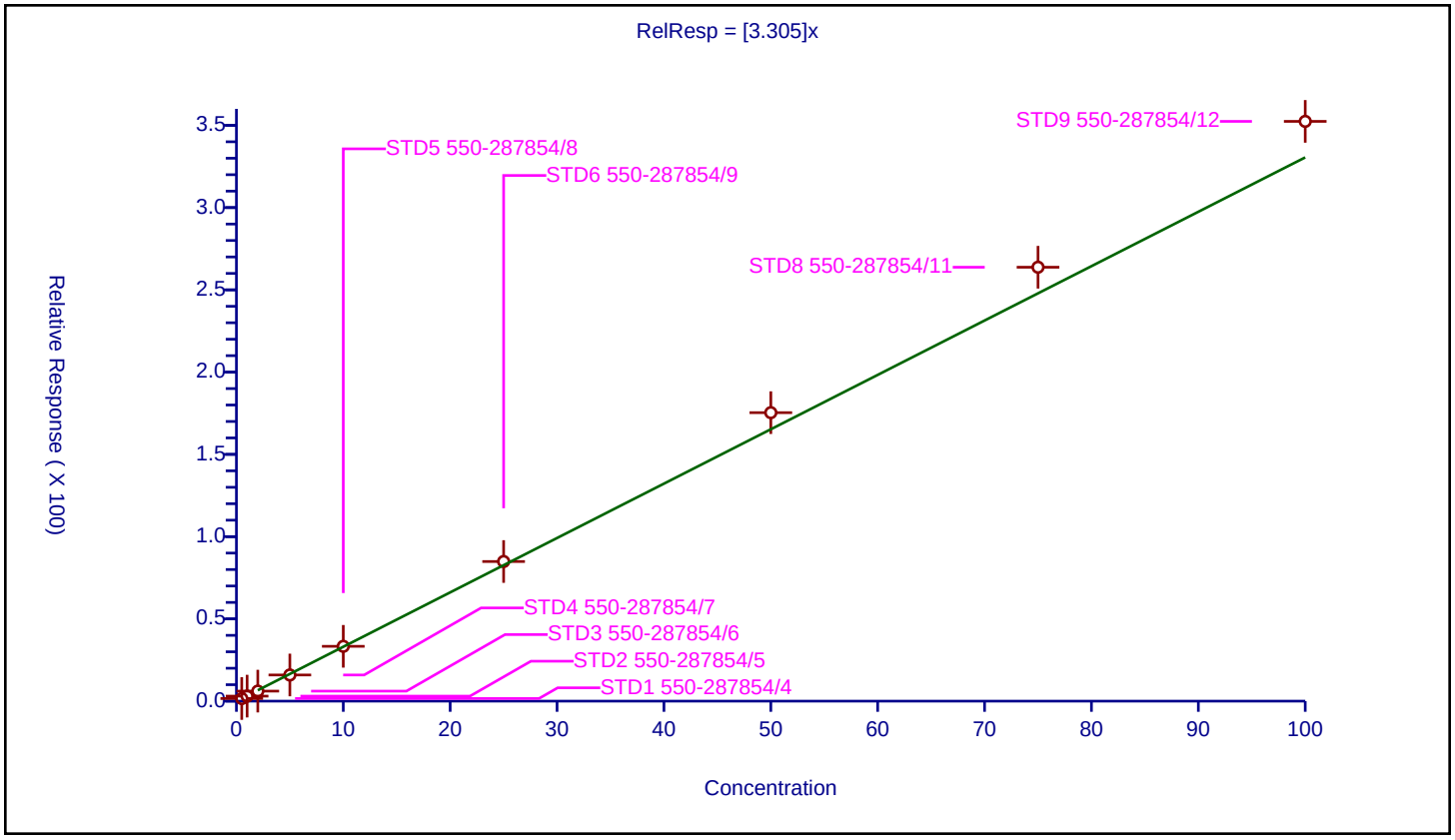
Curve Coefficients

Intercept:	0
Slope:	3.305

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.590207	25.0	511490.0	3.180414	Y
2	STD2 550-287854/5	1.0	3.05919	25.0	480552.0	3.05919	Y
3	STD3 550-287854/6	2.0	6.096964	25.0	478644.0	3.048482	Y
4	STD4 550-287854/7	5.0	15.912033	25.0	478234.0	3.182407	Y
5	STD5 550-287854/8	10.0	33.322137	25.0	463694.0	3.332214	Y
6	STD6 550-287854/9	25.0	84.869163	25.0	452204.0	3.394767	Y
7	ICIS 550-287854/10	50.0	175.356825	25.0	394241.0	3.507136	Y
8	STD8 550-287854/11	75.0	263.754874	25.0	421596.0	3.516732	Y
9	STD9 550-287854/12	100.0	352.404538	25.0	452956.0	3.524045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

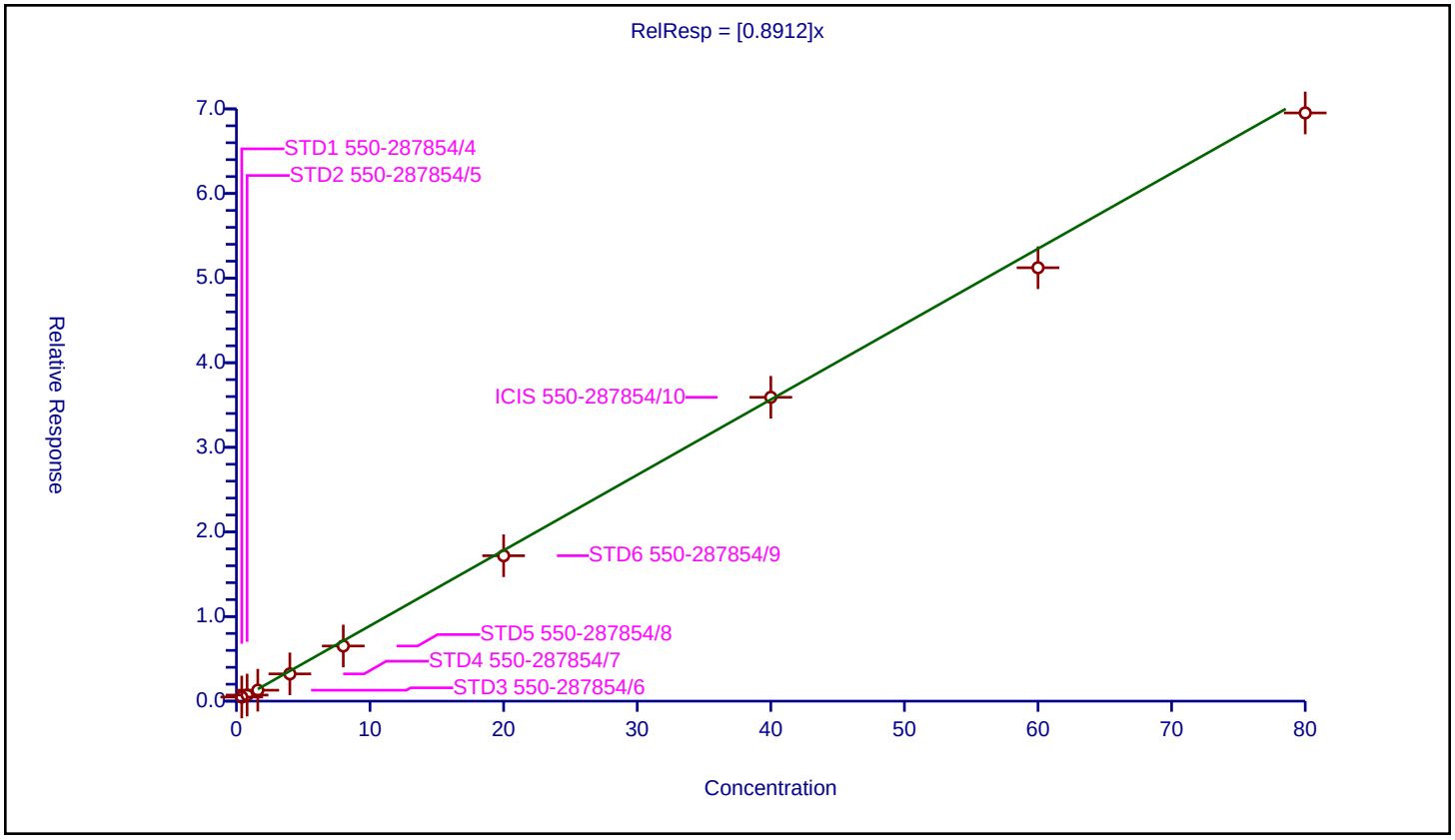
Curve Coefficients

Intercept:	0
Slope:	0.8912

Error Coefficients

Standard Error:	588000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.4	0.485591	25.0	511490.0	1.213978	Y
2	STD2 550-287854/5	0.8	0.720005	25.0	480552.0	0.900007	Y
3	STD3 550-287854/6	1.6	1.290834	25.0	478644.0	0.806771	Y
4	STD4 550-287854/7	4.0	3.222638	25.0	478234.0	0.805659	Y
5	STD5 550-287854/8	8.0	6.519116	25.0	463694.0	0.81489	Y
6	STD6 550-287854/9	20.0	17.185662	25.0	452204.0	0.859283	Y
7	ICIS 550-287854/10	40.0	35.9142	25.0	394241.0	0.897855	Y
8	STD8 550-287854/11	60.0	51.225344	25.0	421596.0	0.853756	Y
9	STD9 550-287854/12	80.0	69.520163	25.0	452956.0	0.869002	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

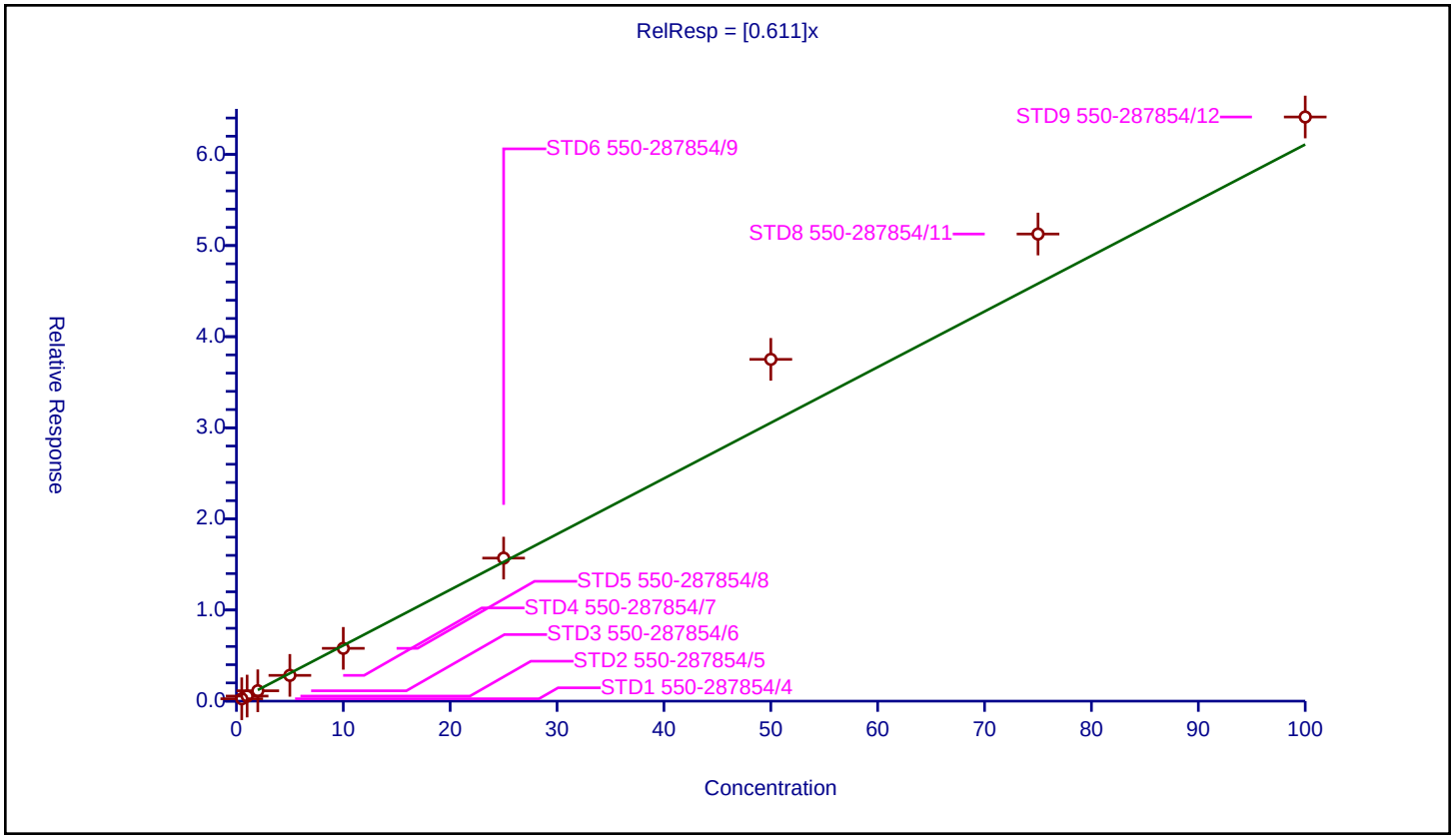
Curve Coefficients

Intercept:	0
Slope:	0.611

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.262615	25.0	511490.0	0.52523	Y
2	STD2 550-287854/5	1.0	0.556235	25.0	480552.0	0.556235	Y
3	STD3 550-287854/6	2.0	1.138477	25.0	478644.0	0.569238	Y
4	STD4 550-287854/7	5.0	2.827068	25.0	478234.0	0.565414	Y
5	STD5 550-287854/8	10.0	5.795579	25.0	463694.0	0.579558	Y
6	STD6 550-287854/9	25.0	15.700049	25.0	452204.0	0.628002	Y
7	ICIS 550-287854/10	50.0	37.510749	25.0	394241.0	0.750215	Y
8	STD8 550-287854/11	75.0	51.266082	25.0	421596.0	0.683548	Y
9	STD9 550-287854/12	100.0	64.11158	25.0	452956.0	0.641116	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

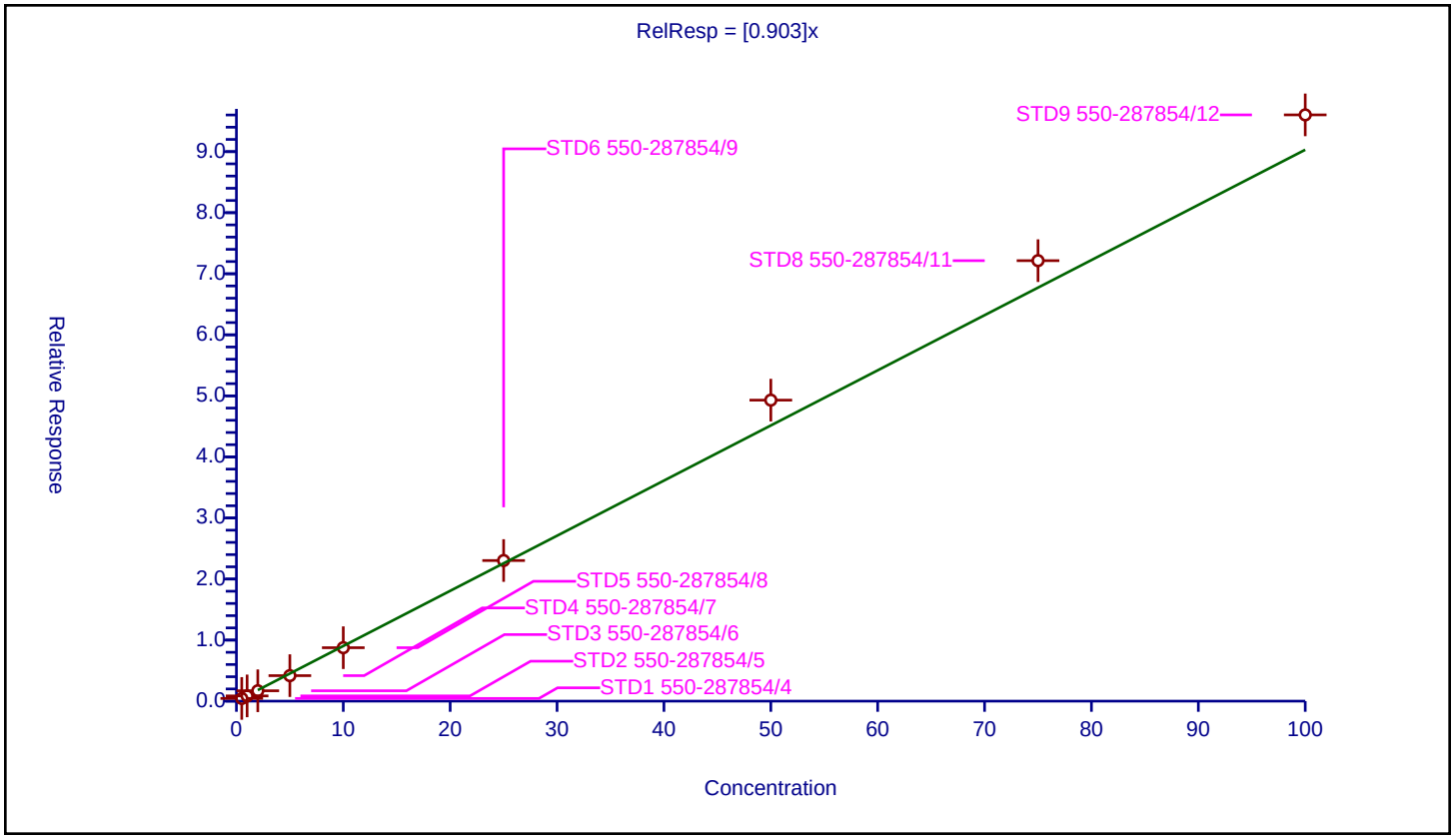
Curve Coefficients

Intercept:	0
Slope:	0.903

Error Coefficients

Standard Error:	815000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.44126	25.0	511490.0	0.88252	Y
2	STD2 550-287854/5	1.0	0.855423	25.0	480552.0	0.855423	Y
3	STD3 550-287854/6	2.0	1.697713	25.0	478644.0	0.848856	Y
4	STD4 550-287854/7	5.0	4.178498	25.0	478234.0	0.8357	Y
5	STD5 550-287854/8	10.0	8.75351	25.0	463694.0	0.875351	Y
6	STD6 550-287854/9	25.0	23.031696	25.0	452204.0	0.921268	Y
7	ICIS 550-287854/10	50.0	49.300872	25.0	394241.0	0.986017	Y
8	STD8 550-287854/11	75.0	72.144363	25.0	421596.0	0.961925	Y
9	STD9 550-287854/12	100.0	96.016997	25.0	452956.0	0.96017	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

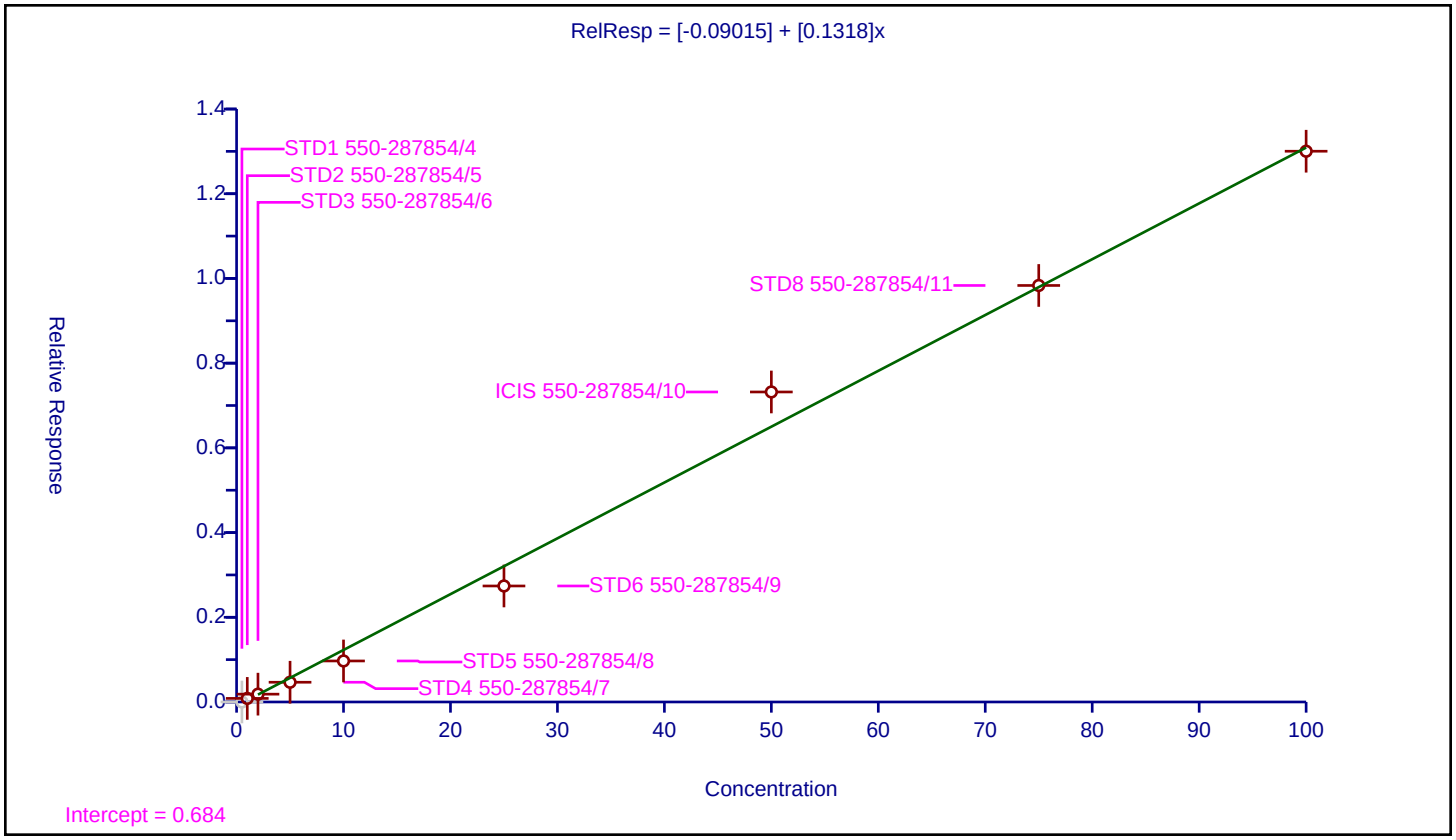
Curve Coefficients

Intercept:	-0.09015
Slope:	0.1318

Error Coefficients

Standard Error:	129000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.0	25.0	511490.0	0.0	N
2	STD2 550-287854/5	1.0	0.084902	25.0	480552.0	0.084902	Y
3	STD3 550-287854/6	2.0	0.18495	25.0	478644.0	0.092475	Y
4	STD4 550-287854/7	5.0	0.466351	25.0	478234.0	0.09327	Y
5	STD5 550-287854/8	10.0	0.968527	25.0	463694.0	0.096853	Y
6	STD6 550-287854/9	25.0	2.738974	25.0	452204.0	0.109559	Y
7	ICIS 550-287854/10	50.0	7.319444	25.0	394241.0	0.146389	Y
8	STD8 550-287854/11	75.0	9.834237	25.0	421596.0	0.131123	Y
9	STD9 550-287854/12	100.0	13.003415	25.0	452956.0	0.130034	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

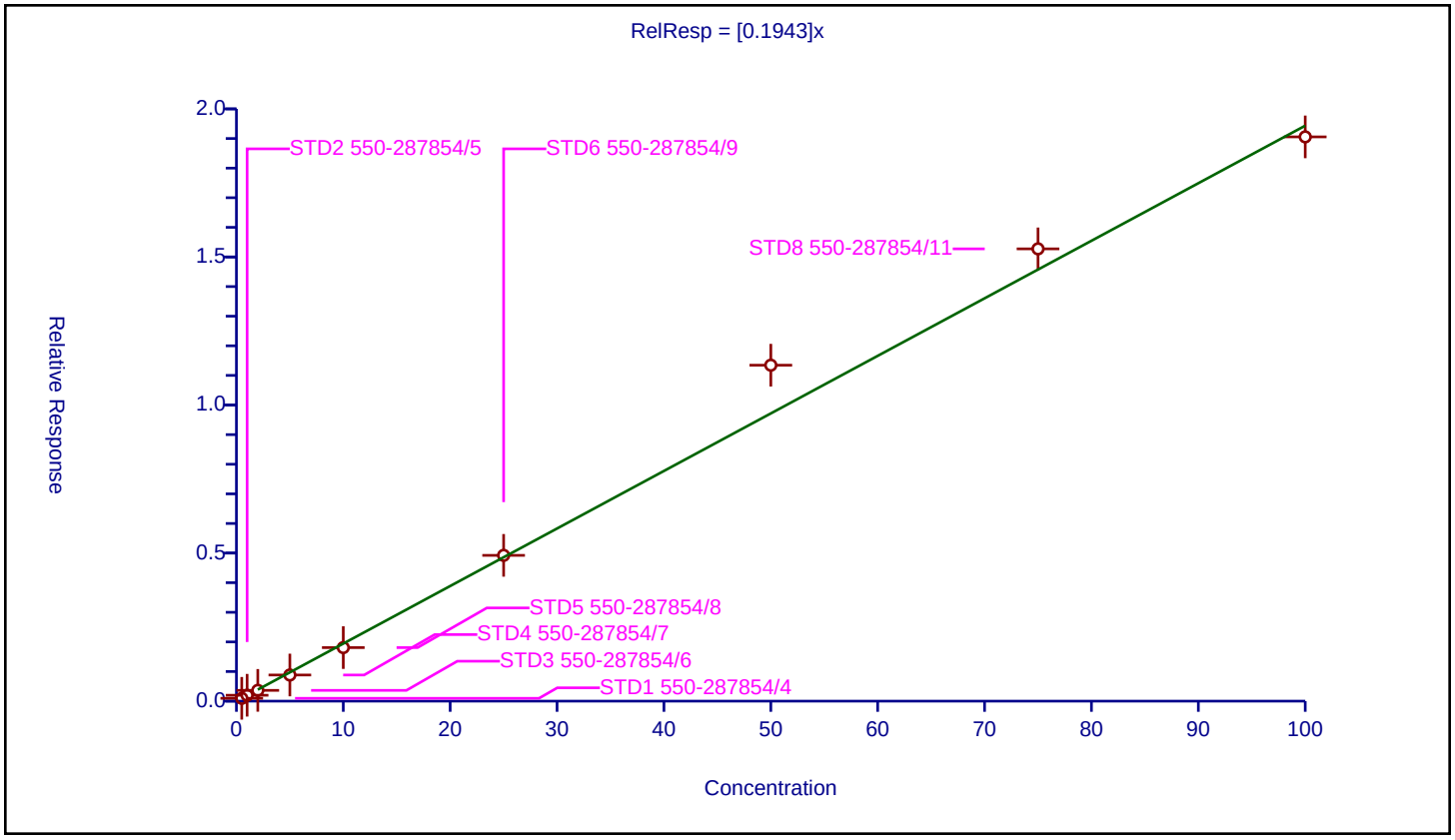
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Standard Error:	168000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.096092	25.0	511490.0	0.192184	Y
2	STD2 550-287854/5	1.0	0.199562	25.0	480552.0	0.199562	Y
3	STD3 550-287854/6	2.0	0.363527	25.0	478644.0	0.181763	Y
4	STD4 550-287854/7	5.0	0.882988	25.0	478234.0	0.176598	Y
5	STD5 550-287854/8	10.0	1.808197	25.0	463694.0	0.18082	Y
6	STD6 550-287854/9	25.0	4.922999	25.0	452204.0	0.19692	Y
7	ICIS 550-287854/10	50.0	11.344901	25.0	394241.0	0.226898	Y
8	STD8 550-287854/11	75.0	15.273805	25.0	421596.0	0.203651	Y
9	STD9 550-287854/12	100.0	19.054279	25.0	452956.0	0.190543	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

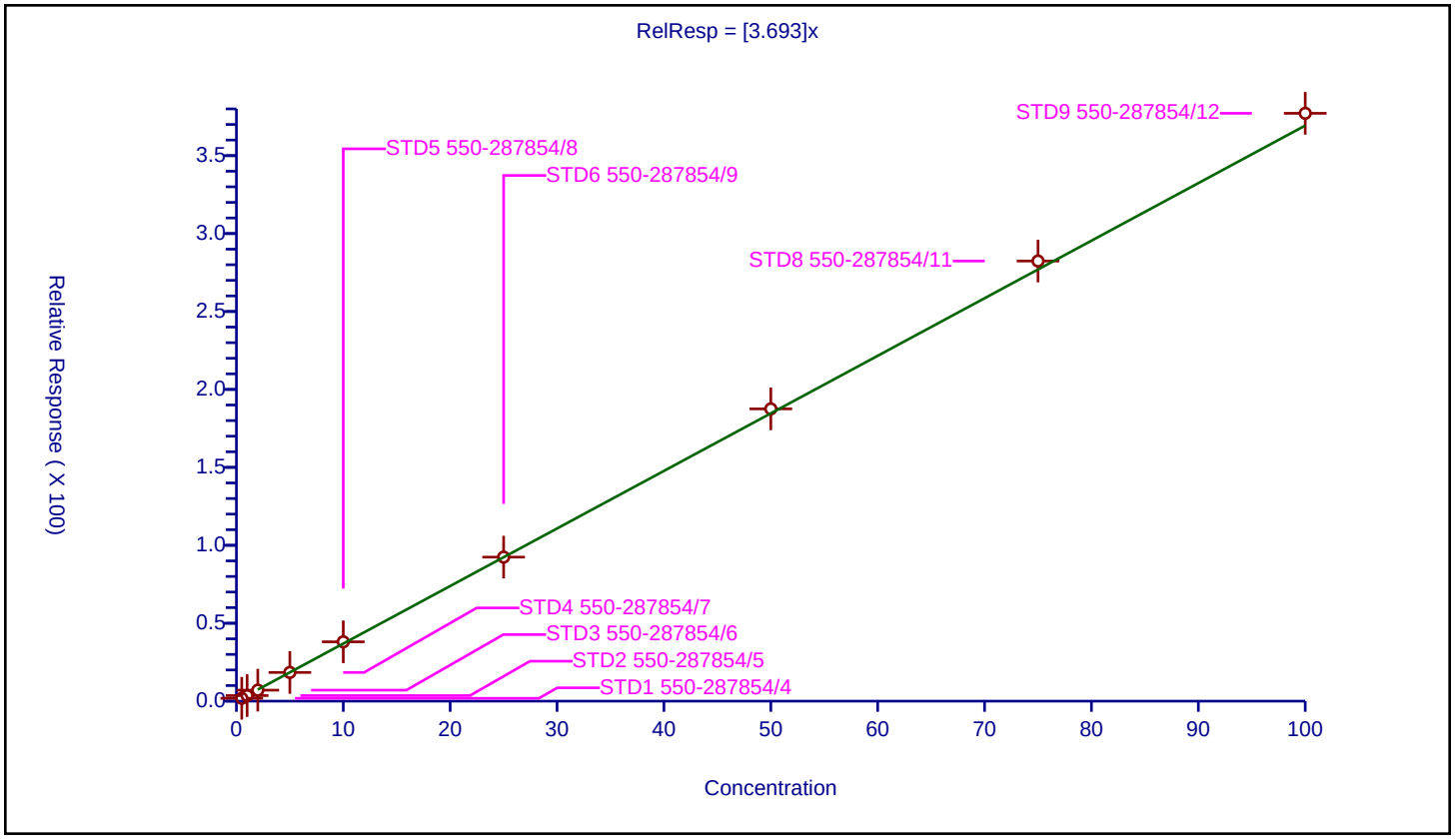
Curve Coefficients

Intercept:	0
Slope:	3.693

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	2.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.829068	25.0	511490.0	3.658136	Y
2	STD2 550-287854/5	1.0	3.582859	25.0	480552.0	3.582859	Y
3	STD3 550-287854/6	2.0	7.045946	25.0	478644.0	3.522973	Y
4	STD4 550-287854/7	5.0	18.41243	25.0	478234.0	3.682486	Y
5	STD5 550-287854/8	10.0	38.059313	25.0	463694.0	3.805931	Y
6	STD6 550-287854/9	25.0	92.411003	25.0	452204.0	3.69644	Y
7	ICIS 550-287854/10	50.0	187.520704	25.0	394241.0	3.750414	Y
8	STD8 550-287854/11	75.0	282.388531	25.0	421596.0	3.76518	Y
9	STD9 550-287854/12	100.0	377.167484	25.0	452956.0	3.771675	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

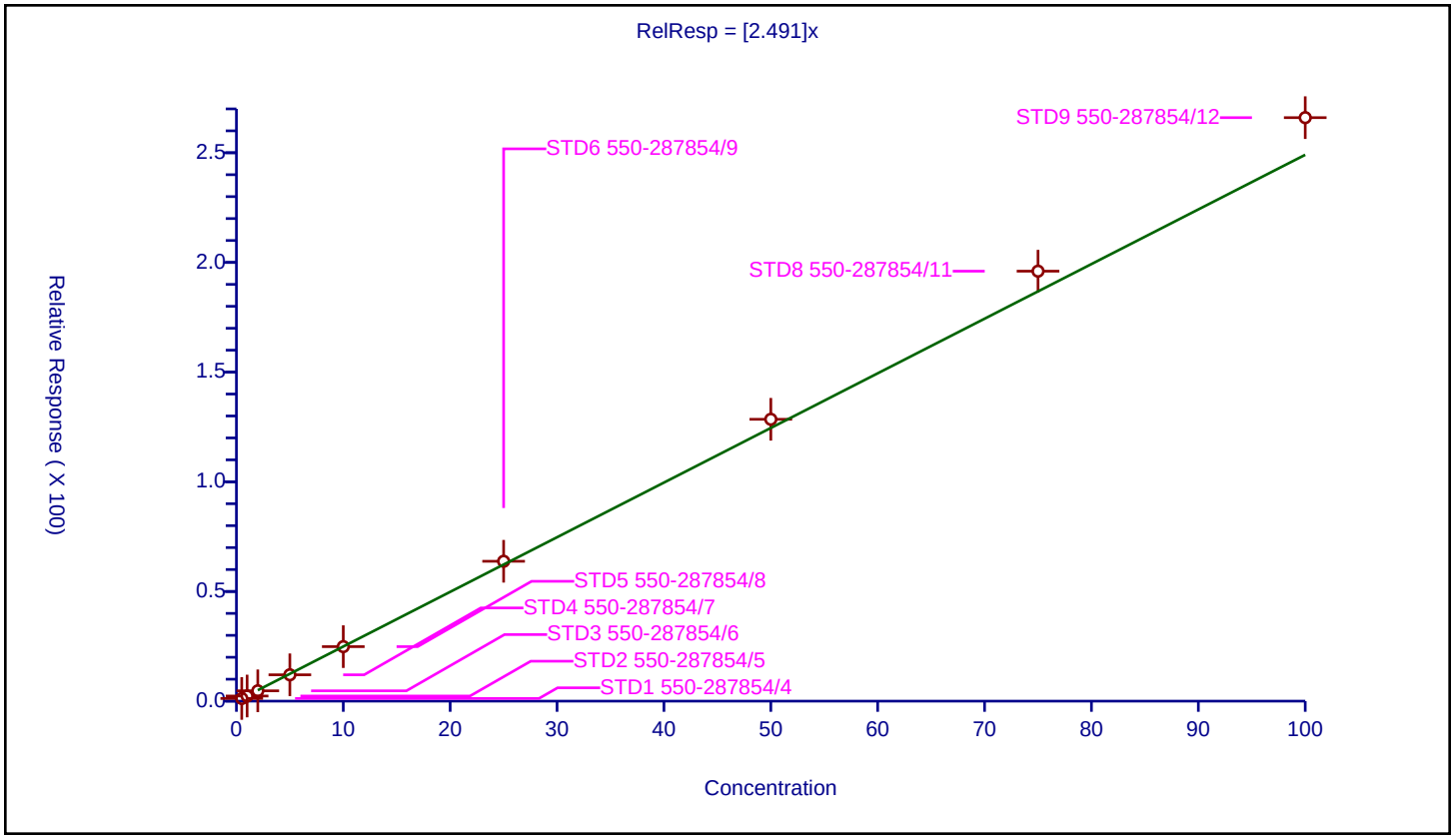
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.221187	25.0	511490.0	2.442374	Y
2	STD2 550-287854/5	1.0	2.338509	25.0	480552.0	2.338509	Y
3	STD3 550-287854/6	2.0	4.706995	25.0	478644.0	2.353498	Y
4	STD4 550-287854/7	5.0	12.014516	25.0	478234.0	2.402903	Y
5	STD5 550-287854/8	10.0	24.847259	25.0	463694.0	2.484726	Y
6	STD6 550-287854/9	25.0	63.768012	25.0	452204.0	2.55072	Y
7	ICIS 550-287854/10	50.0	128.493168	25.0	394241.0	2.569863	Y
8	STD8 550-287854/11	75.0	196.012118	25.0	421596.0	2.613495	Y
9	STD9 550-287854/12	100.0	266.005418	25.0	452956.0	2.660054	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

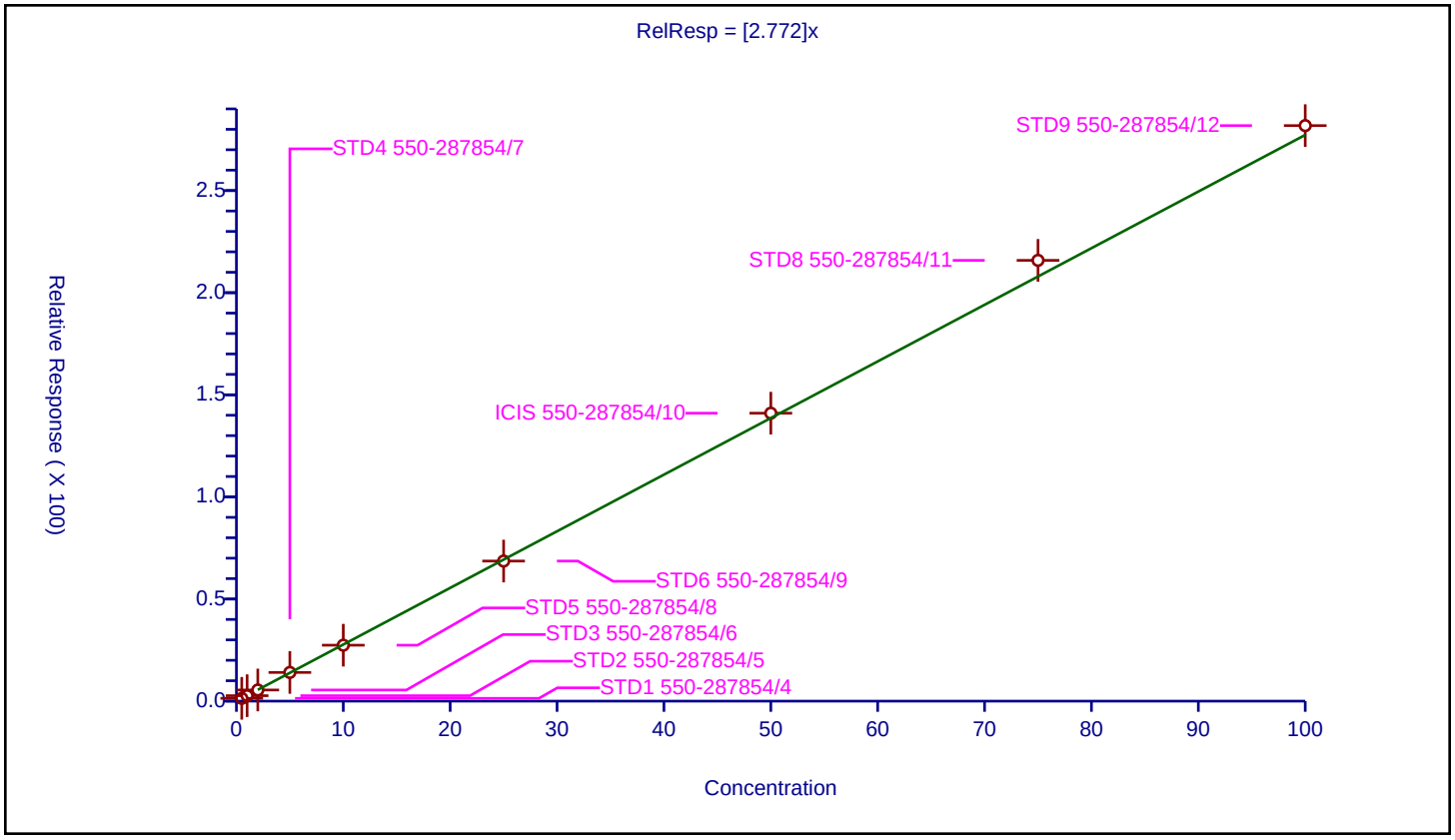
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	2.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.370848	25.0	511490.0	2.741696	Y
2	STD2 550-287854/5	1.0	2.66865	25.0	480552.0	2.66865	Y
3	STD3 550-287854/6	2.0	5.462306	25.0	478644.0	2.731153	Y
4	STD4 550-287854/7	5.0	14.057553	25.0	478234.0	2.811511	Y
5	STD5 550-287854/8	10.0	27.390477	25.0	463694.0	2.739048	Y
6	STD6 550-287854/9	25.0	68.586523	25.0	452204.0	2.743461	Y
7	ICIS 550-287854/10	50.0	140.999287	25.0	394241.0	2.819986	Y
8	STD8 550-287854/11	75.0	215.834235	25.0	421596.0	2.87779	Y
9	STD9 550-287854/12	100.0	281.808001	25.0	452956.0	2.81808	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

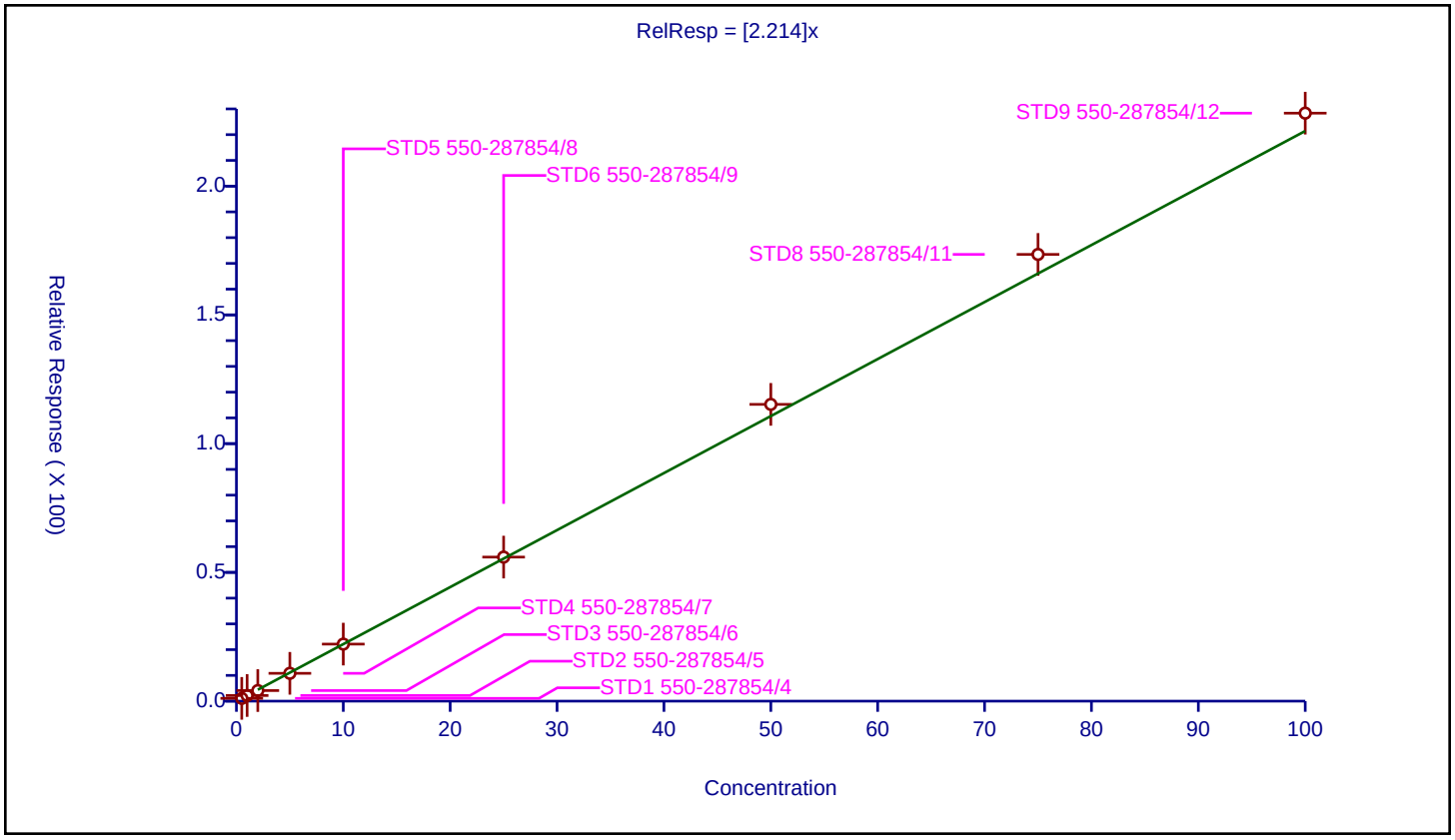
Curve Coefficients

Intercept:	0
Slope:	2.214

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.084479	25.0	511490.0	2.168957	Y
2	STD2 550-287854/5	1.0	2.186236	25.0	480552.0	2.186236	Y
3	STD3 550-287854/6	2.0	4.112503	25.0	478644.0	2.056252	Y
4	STD4 550-287854/7	5.0	10.805223	25.0	478234.0	2.161045	Y
5	STD5 550-287854/8	10.0	22.146448	25.0	463694.0	2.214645	Y
6	STD6 550-287854/9	25.0	55.943722	25.0	452204.0	2.237749	Y
7	ICIS 550-287854/10	50.0	115.246321	25.0	394241.0	2.304926	Y
8	STD8 550-287854/11	75.0	173.479468	25.0	421596.0	2.31306	Y
9	STD9 550-287854/12	100.0	228.349498	25.0	452956.0	2.283495	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

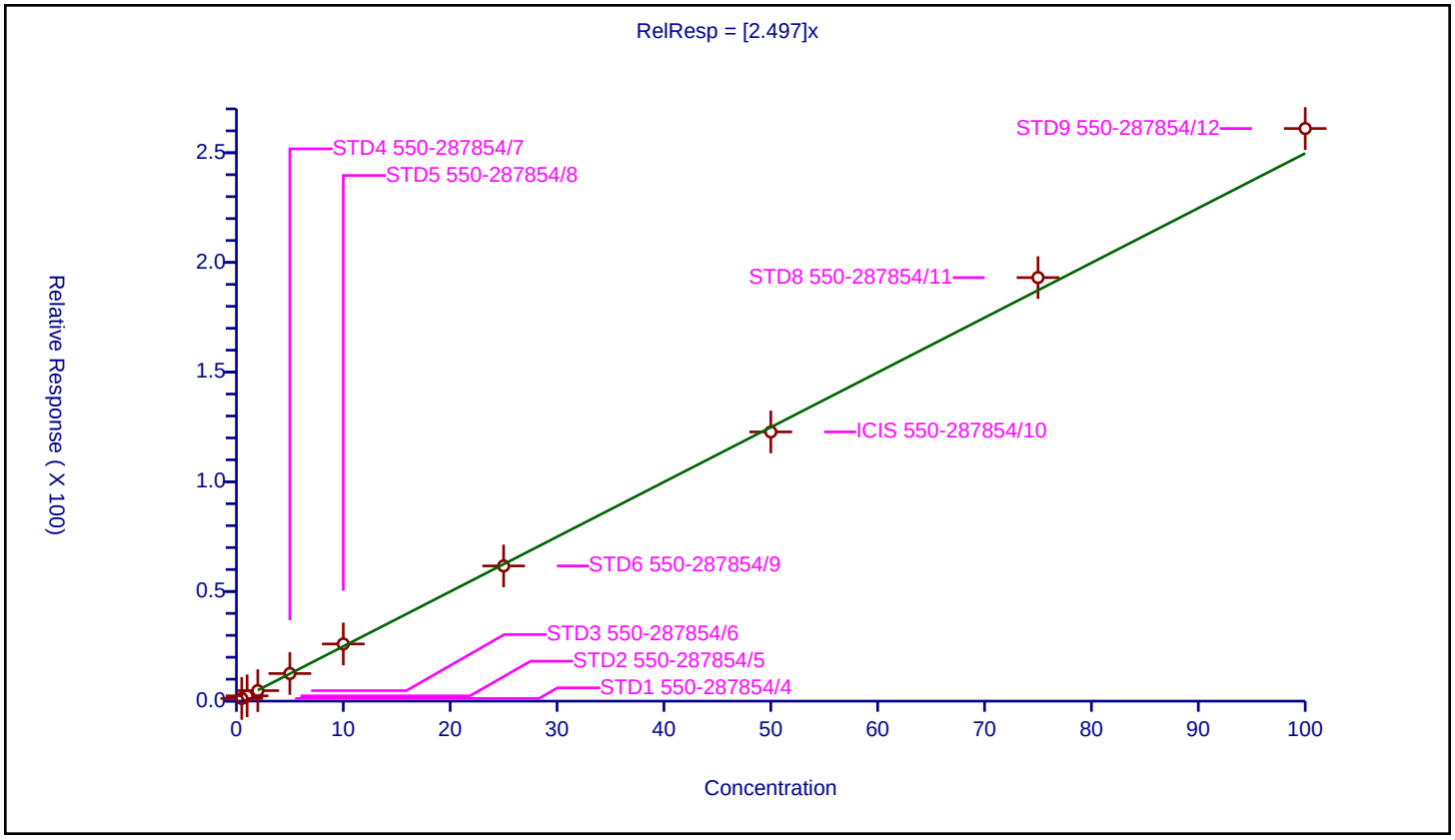
Curve Coefficients

Intercept:	0
Slope:	2.497

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.222214	25.0	511490.0	2.444427	Y
2	STD2 550-287854/5	1.0	2.406555	25.0	480552.0	2.406555	Y
3	STD3 550-287854/6	2.0	4.793698	25.0	478644.0	2.396849	Y
4	STD4 550-287854/7	5.0	12.582439	25.0	478234.0	2.516488	Y
5	STD5 550-287854/8	10.0	26.068593	25.0	463694.0	2.606859	Y
6	STD6 550-287854/9	25.0	61.637336	25.0	452204.0	2.465493	Y
7	ICIS 550-287854/10	50.0	122.738059	25.0	394241.0	2.454761	Y
8	STD8 550-287854/11	75.0	193.088822	25.0	421596.0	2.574518	Y
9	STD9 550-287854/12	100.0	261.047155	25.0	452956.0	2.610472	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

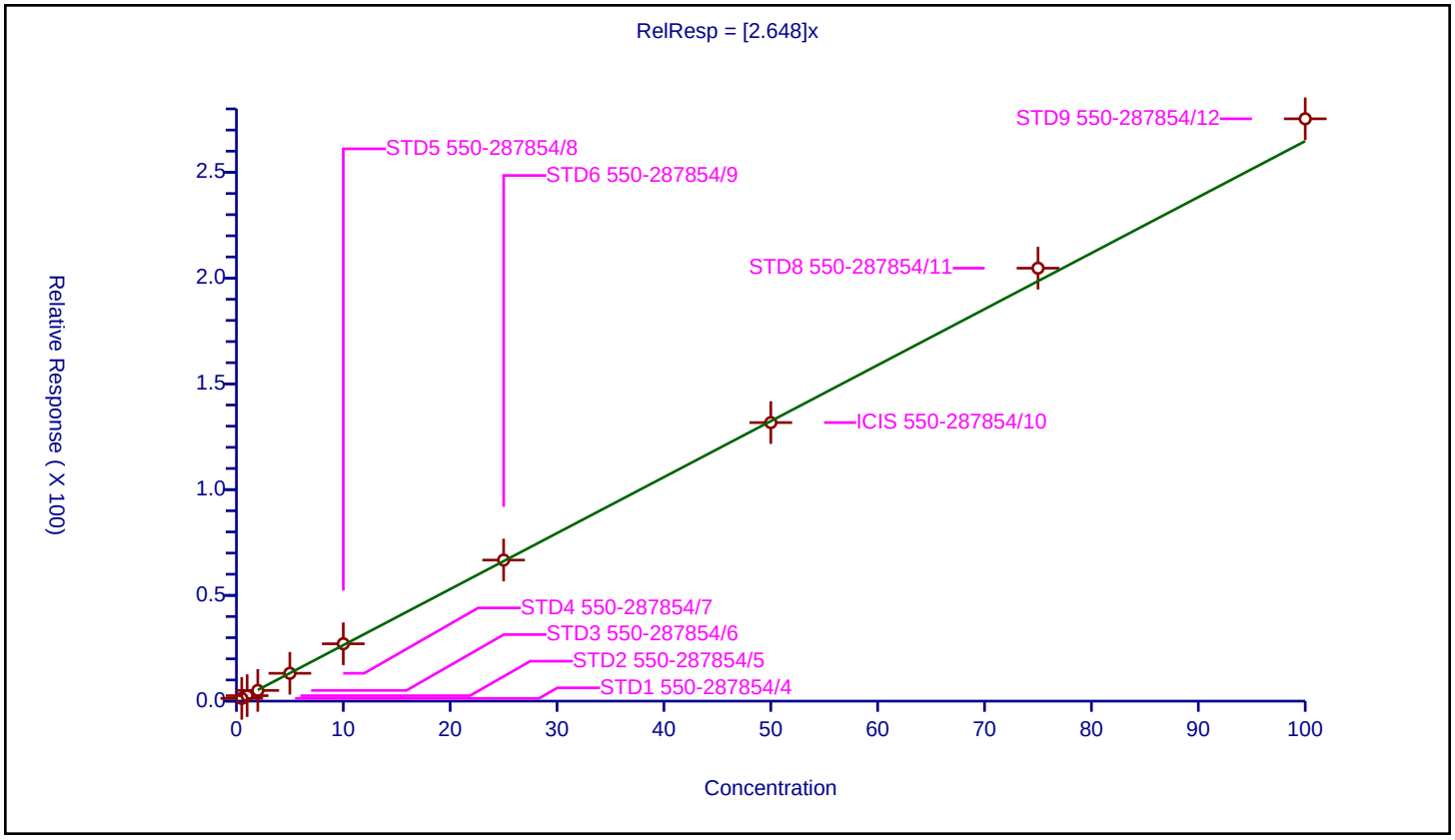
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.300221	25.0	511490.0	2.600442	Y
2	STD2 550-287854/5	1.0	2.569857	25.0	480552.0	2.569857	Y
3	STD3 550-287854/6	2.0	5.060076	25.0	478644.0	2.530038	Y
4	STD4 550-287854/7	5.0	13.165312	25.0	478234.0	2.633062	Y
5	STD5 550-287854/8	10.0	27.118746	25.0	463694.0	2.711875	Y
6	STD6 550-287854/9	25.0	66.694014	25.0	452204.0	2.667761	Y
7	ICIS 550-287854/10	50.0	131.687724	25.0	394241.0	2.633754	Y
8	STD8 550-287854/11	75.0	204.701361	25.0	421596.0	2.729351	Y
9	STD9 550-287854/12	100.0	275.31449	25.0	452956.0	2.753145	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

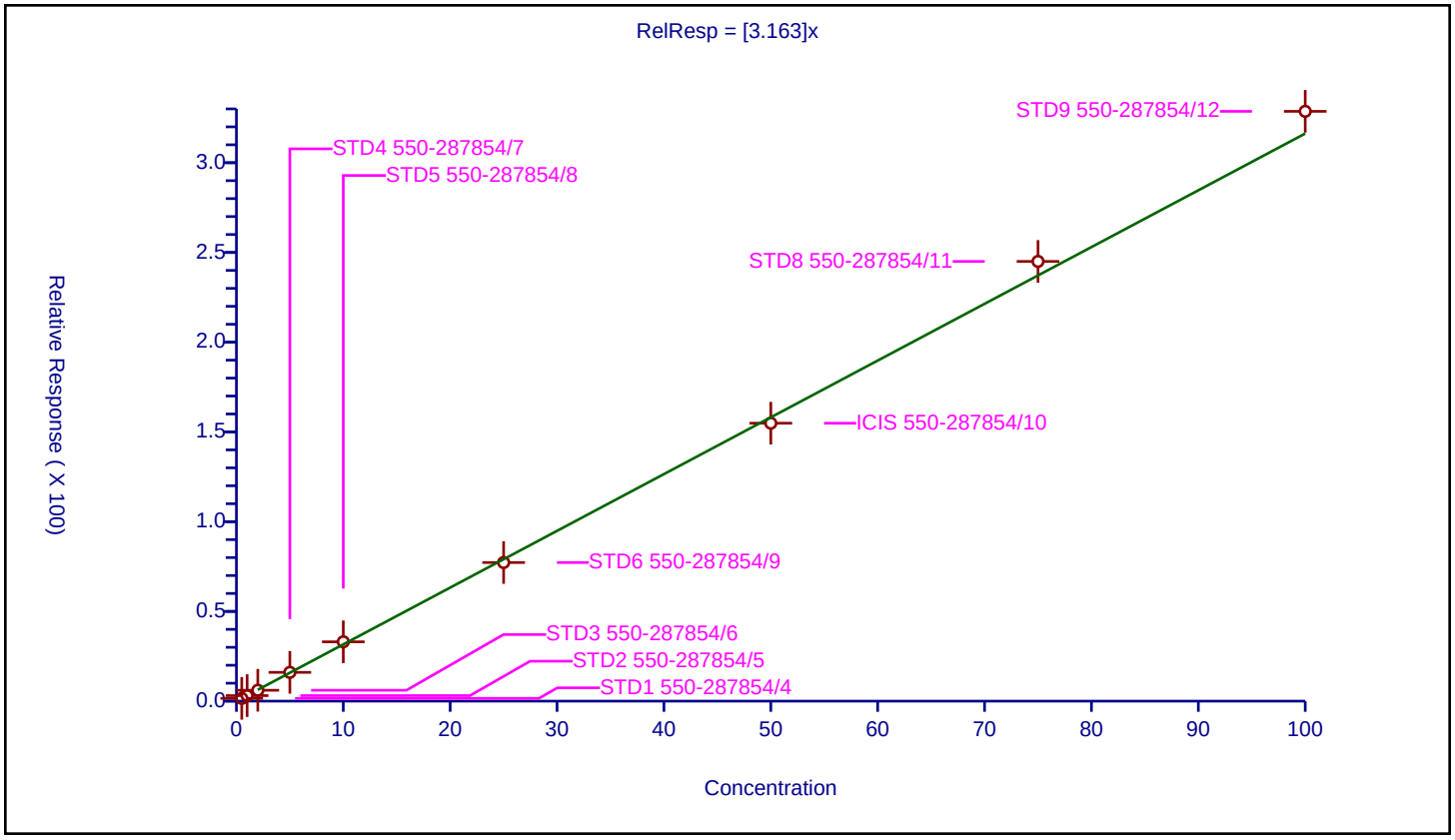
Curve Coefficients

Intercept:	0
Slope:	3.163

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	3.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.551203	25.0	511490.0	3.102407	Y
2	STD2 550-287854/5	1.0	3.07537	25.0	480552.0	3.07537	Y
3	STD3 550-287854/6	2.0	6.062491	25.0	478644.0	3.031246	Y
4	STD4 550-287854/7	5.0	16.04199	25.0	478234.0	3.208398	Y
5	STD5 550-287854/8	10.0	33.05693	25.0	463694.0	3.305693	Y
6	STD6 550-287854/9	25.0	77.24224	25.0	452204.0	3.08969	Y
7	ICIS 550-287854/10	50.0	154.862762	25.0	394241.0	3.097255	Y
8	STD8 550-287854/11	75.0	245.015667	25.0	421596.0	3.266876	Y
9	STD9 550-287854/12	100.0	328.640089	25.0	452956.0	3.286401	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

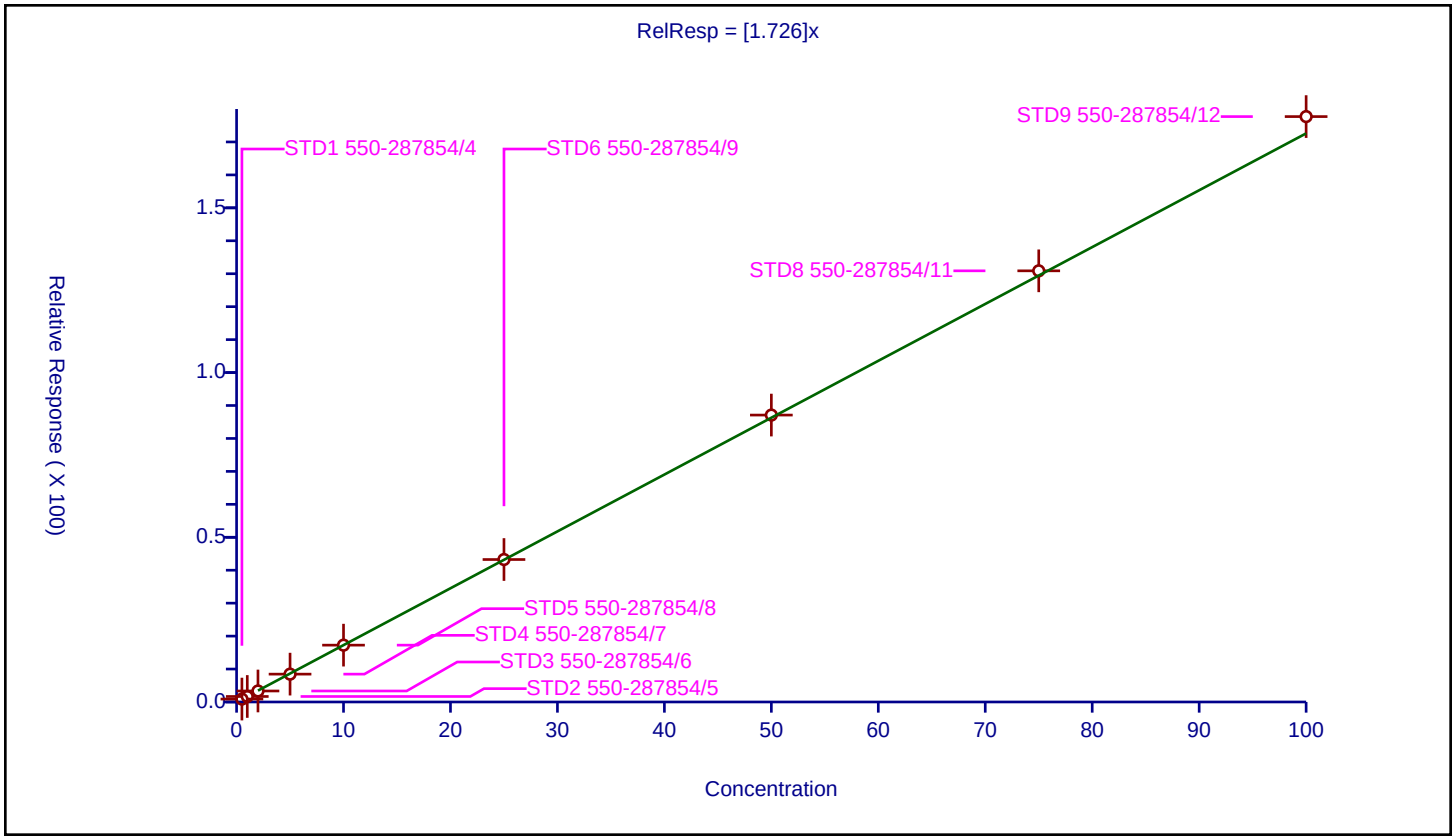
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.889753	25.0	511490.0	1.779507	Y
2	STD2 550-287854/5	1.0	1.67318	25.0	480552.0	1.67318	Y
3	STD3 550-287854/6	2.0	3.341628	25.0	478644.0	1.670814	Y
4	STD4 550-287854/7	5.0	8.454752	25.0	478234.0	1.69095	Y
5	STD5 550-287854/8	10.0	17.255129	25.0	463694.0	1.725513	Y
6	STD6 550-287854/9	25.0	43.24337	25.0	452204.0	1.729735	Y
7	ICIS 550-287854/10	50.0	87.092223	25.0	394241.0	1.741844	Y
8	STD8 550-287854/11	75.0	130.878732	25.0	421596.0	1.74505	Y
9	STD9 550-287854/12	100.0	177.70109	25.0	452956.0	1.777011	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

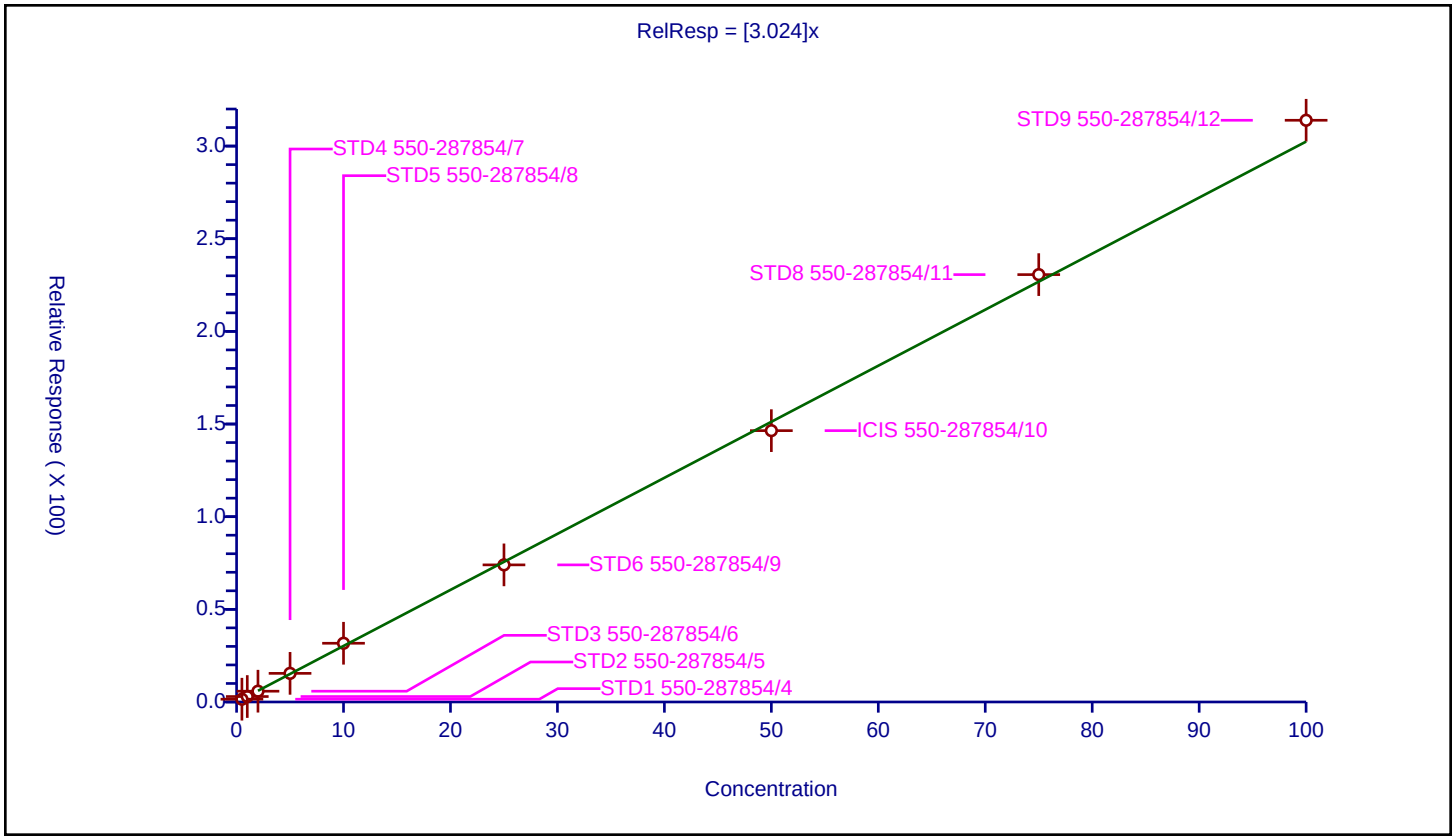
Curve Coefficients

Intercept:	0
Slope:	3.024

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.499247	25.0	511490.0	2.998495	Y
2	STD2 550-287854/5	1.0	2.948068	25.0	480552.0	2.948068	Y
3	STD3 550-287854/6	2.0	5.819722	25.0	478644.0	2.909861	Y
4	STD4 550-287854/7	5.0	15.449707	25.0	478234.0	3.089941	Y
5	STD5 550-287854/8	10.0	31.699353	25.0	463694.0	3.169935	Y
6	STD6 550-287854/9	25.0	73.983202	25.0	452204.0	2.959328	Y
7	ICIS 550-287854/10	50.0	146.43321	25.0	394241.0	2.928664	Y
8	STD8 550-287854/11	75.0	230.638277	25.0	421596.0	3.075177	Y
9	STD9 550-287854/12	100.0	313.927788	25.0	452956.0	3.139278	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

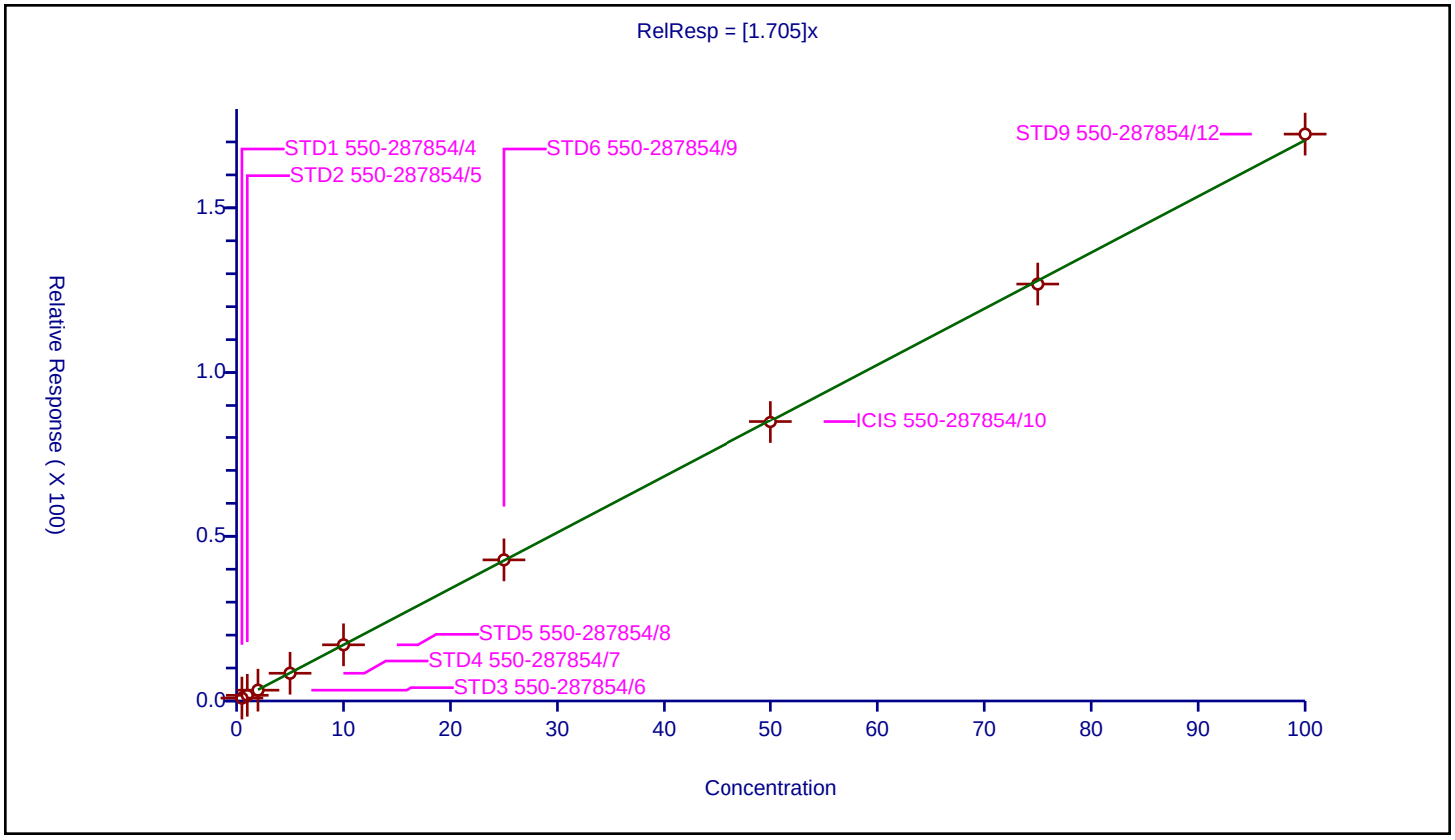
Curve Coefficients

Intercept:	0
Slope:	1.705

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	2.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.883742	25.0	511490.0	1.767483	Y
2	STD2 550-287854/5	1.0	1.724735	25.0	480552.0	1.724735	Y
3	STD3 550-287854/6	2.0	3.280779	25.0	478644.0	1.640389	Y
4	STD4 550-287854/7	5.0	8.419832	25.0	478234.0	1.683966	Y
5	STD5 550-287854/8	10.0	17.049983	25.0	463694.0	1.704998	Y
6	STD6 550-287854/9	25.0	42.834539	25.0	452204.0	1.713382	Y
7	ICIS 550-287854/10	50.0	84.833008	25.0	394241.0	1.69666	Y
8	STD8 550-287854/11	75.0	126.865708	25.0	421596.0	1.691543	Y
9	STD9 550-287854/12	100.0	172.384073	25.0	452956.0	1.723841	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

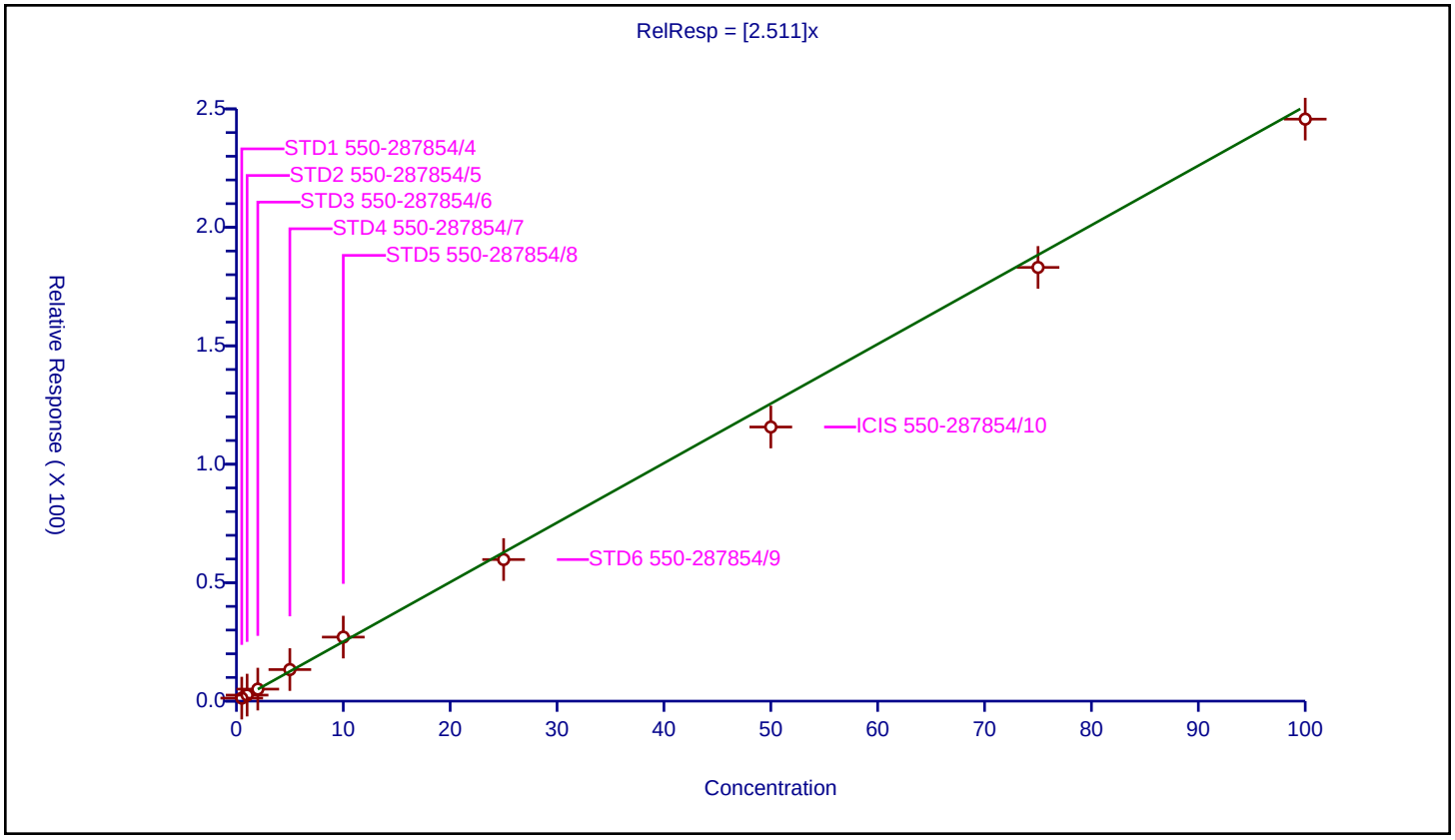
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.276174	25.0	511490.0	2.552347	Y
2	STD2 550-287854/5	1.0	2.541973	25.0	480552.0	2.541973	Y
3	STD3 550-287854/6	2.0	5.075327	25.0	478644.0	2.537664	Y
4	STD4 550-287854/7	5.0	13.323133	25.0	478234.0	2.664627	Y
5	STD5 550-287854/8	10.0	27.035718	25.0	463694.0	2.703572	Y
6	STD6 550-287854/9	25.0	59.773465	25.0	452204.0	2.390939	Y
7	ICIS 550-287854/10	50.0	115.720334	25.0	394241.0	2.314407	Y
8	STD8 550-287854/11	75.0	183.077283	25.0	421596.0	2.44103	Y
9	STD9 550-287854/12	100.0	245.683411	25.0	452956.0	2.456834	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

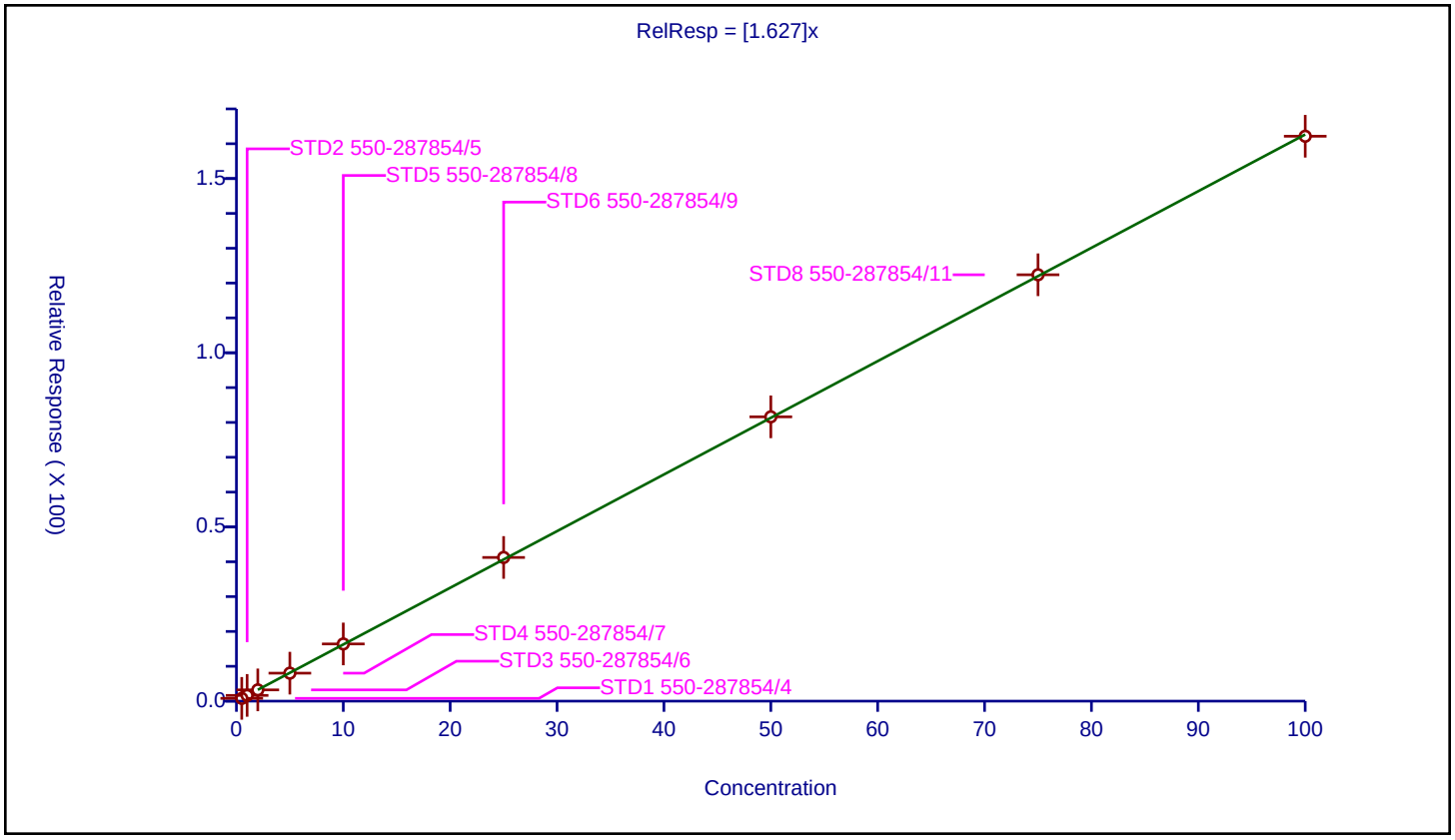
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	1.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.79547	25.0	511490.0	1.59094	Y
2	STD2 550-287854/5	1.0	1.647272	25.0	480552.0	1.647272	Y
3	STD3 550-287854/6	2.0	3.233405	25.0	478644.0	1.616703	Y
4	STD4 550-287854/7	5.0	8.034038	25.0	478234.0	1.606808	Y
5	STD5 550-287854/8	10.0	16.420042	25.0	463694.0	1.642004	Y
6	STD6 550-287854/9	25.0	41.240458	25.0	452204.0	1.649618	Y
7	ICIS 550-287854/10	50.0	81.608077	25.0	394241.0	1.632162	Y
8	STD8 550-287854/11	75.0	122.386301	25.0	421596.0	1.631817	Y
9	STD9 550-287854/12	100.0	162.1482	25.0	452956.0	1.621482	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

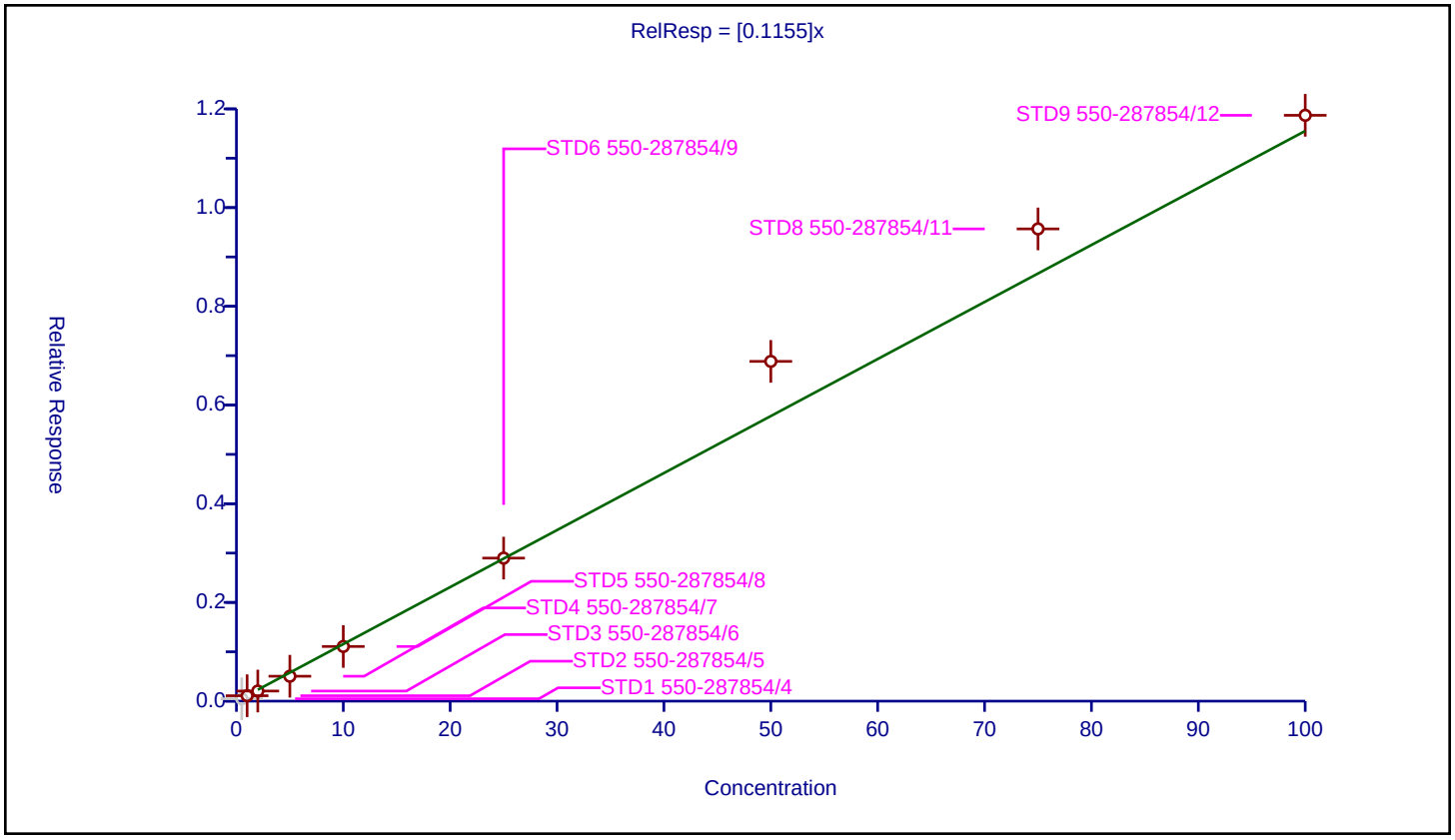
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	112000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.048926	25.0	511490.0	0.097851	N
2	STD2 550-287854/5	1.0	0.11003	25.0	480552.0	0.11003	Y
3	STD3 550-287854/6	2.0	0.205006	25.0	478644.0	0.102503	Y
4	STD4 550-287854/7	5.0	0.505087	25.0	478234.0	0.101017	Y
5	STD5 550-287854/8	10.0	1.107681	25.0	463694.0	0.110768	Y
6	STD6 550-287854/9	25.0	2.898415	25.0	452204.0	0.115937	Y
7	ICIS 550-287854/10	50.0	6.884177	25.0	394241.0	0.137684	Y
8	STD8 550-287854/11	75.0	9.568461	25.0	421596.0	0.127579	Y
9	STD9 550-287854/12	100.0	11.870193	25.0	452956.0	0.118702	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

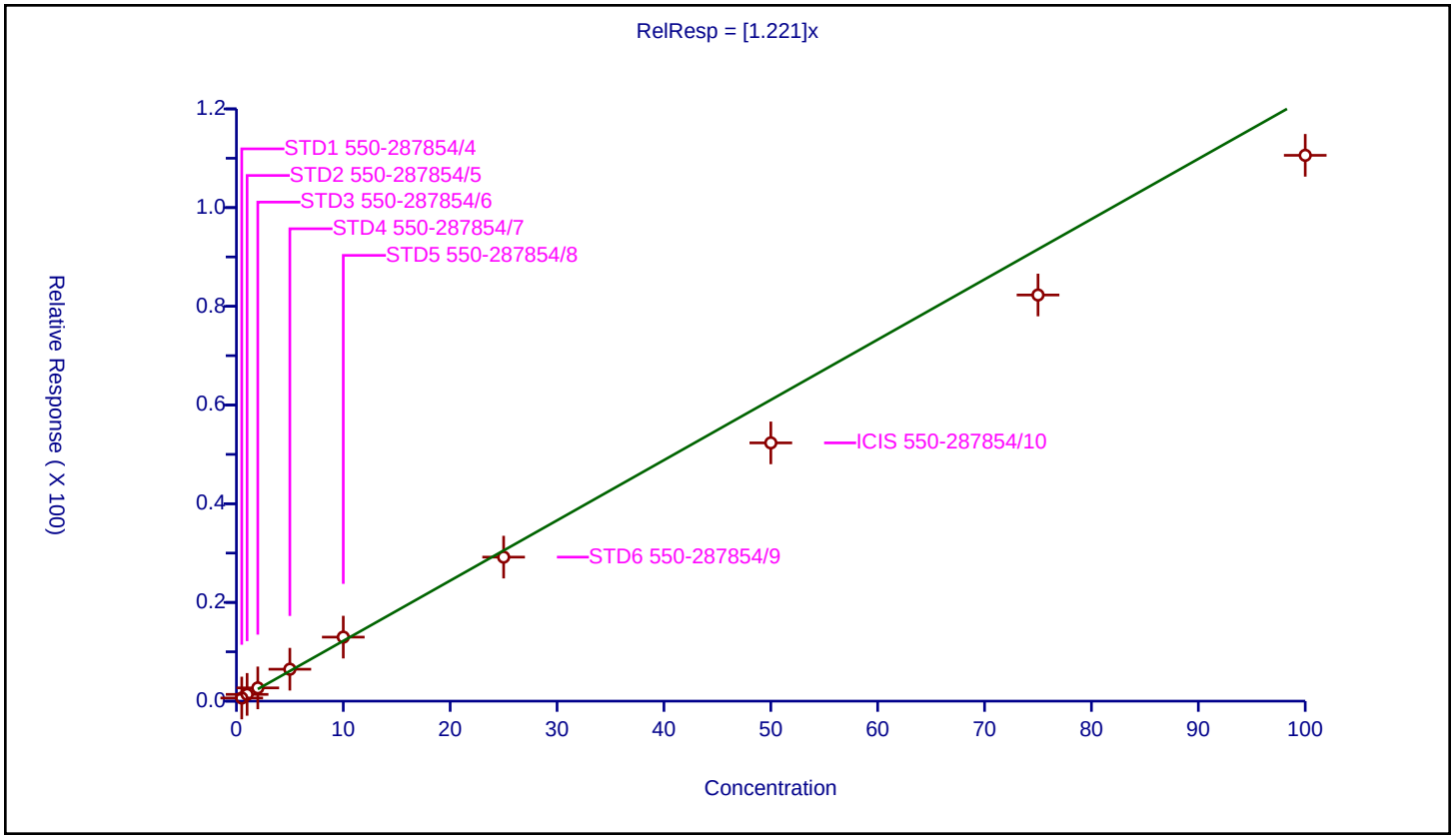
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	934000
Relative Standard Error:	9.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.636034	25.0	511490.0	1.272068	Y
2	STD2 550-287854/5	1.0	1.366345	25.0	480552.0	1.366345	Y
3	STD3 550-287854/6	2.0	2.682265	25.0	478644.0	1.341132	Y
4	STD4 550-287854/7	5.0	6.466081	25.0	478234.0	1.293216	Y
5	STD5 550-287854/8	10.0	12.972564	25.0	463694.0	1.297256	Y
6	STD6 550-287854/9	25.0	29.183565	25.0	452204.0	1.167343	Y
7	ICIS 550-287854/10	50.0	52.328969	25.0	394241.0	1.046579	Y
8	STD8 550-287854/11	75.0	82.293772	25.0	421596.0	1.09725	Y
9	STD9 550-287854/12	100.0	110.592916	25.0	452956.0	1.105929	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

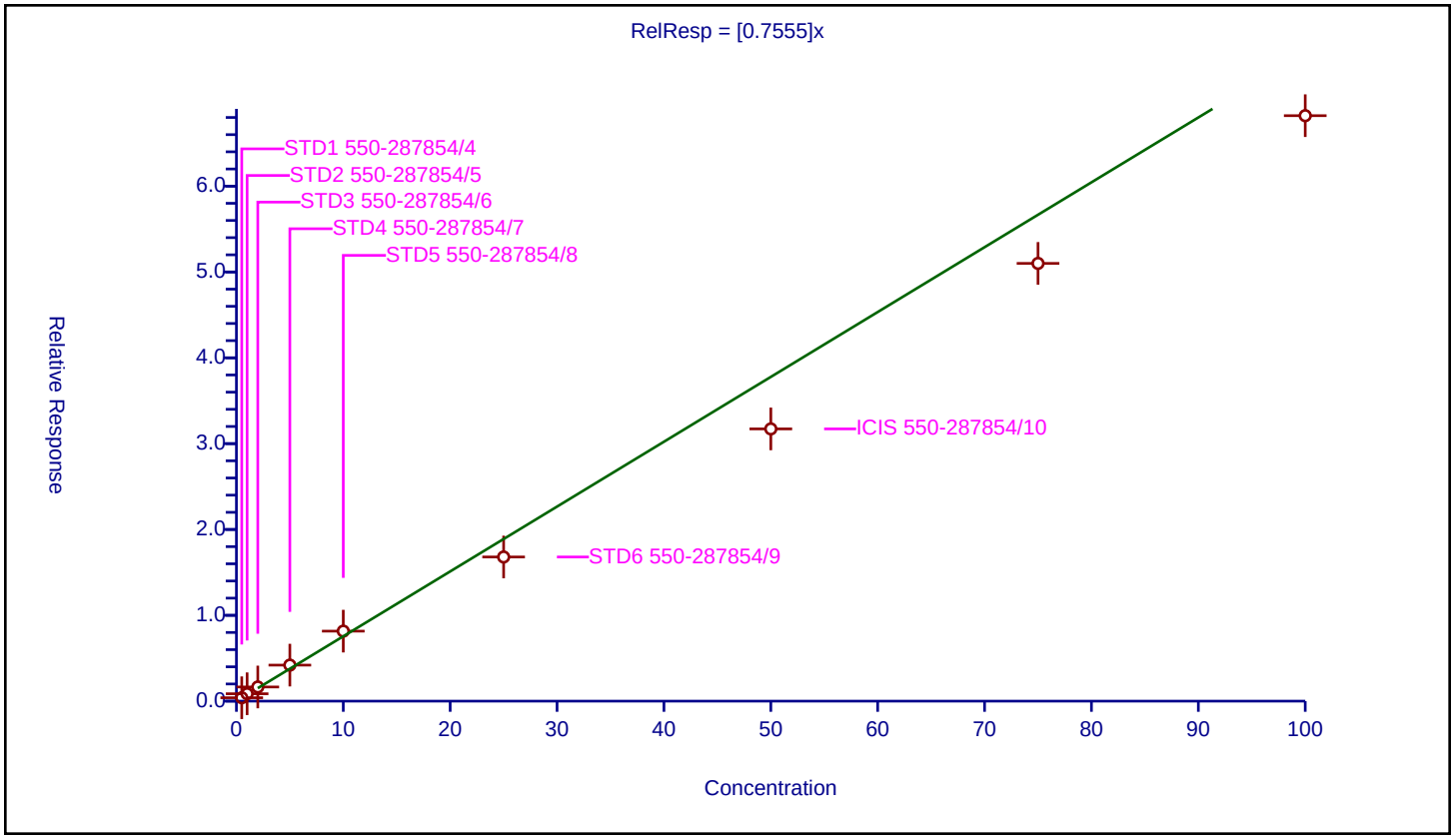
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.395804	25.0	511490.0	0.791609	Y
2	STD2 550-287854/5	1.0	0.860365	25.0	480552.0	0.860365	Y
3	STD3 550-287854/6	2.0	1.648459	25.0	478644.0	0.824229	Y
4	STD4 550-287854/7	5.0	4.197422	25.0	478234.0	0.839484	Y
5	STD5 550-287854/8	10.0	8.157535	25.0	463694.0	0.815753	Y
6	STD6 550-287854/9	25.0	16.795628	25.0	452204.0	0.671825	Y
7	ICIS 550-287854/10	50.0	31.71664	25.0	394241.0	0.634333	Y
8	STD8 550-287854/11	75.0	50.998764	25.0	421596.0	0.679984	Y
9	STD9 550-287854/12	100.0	68.207674	25.0	452956.0	0.682077	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

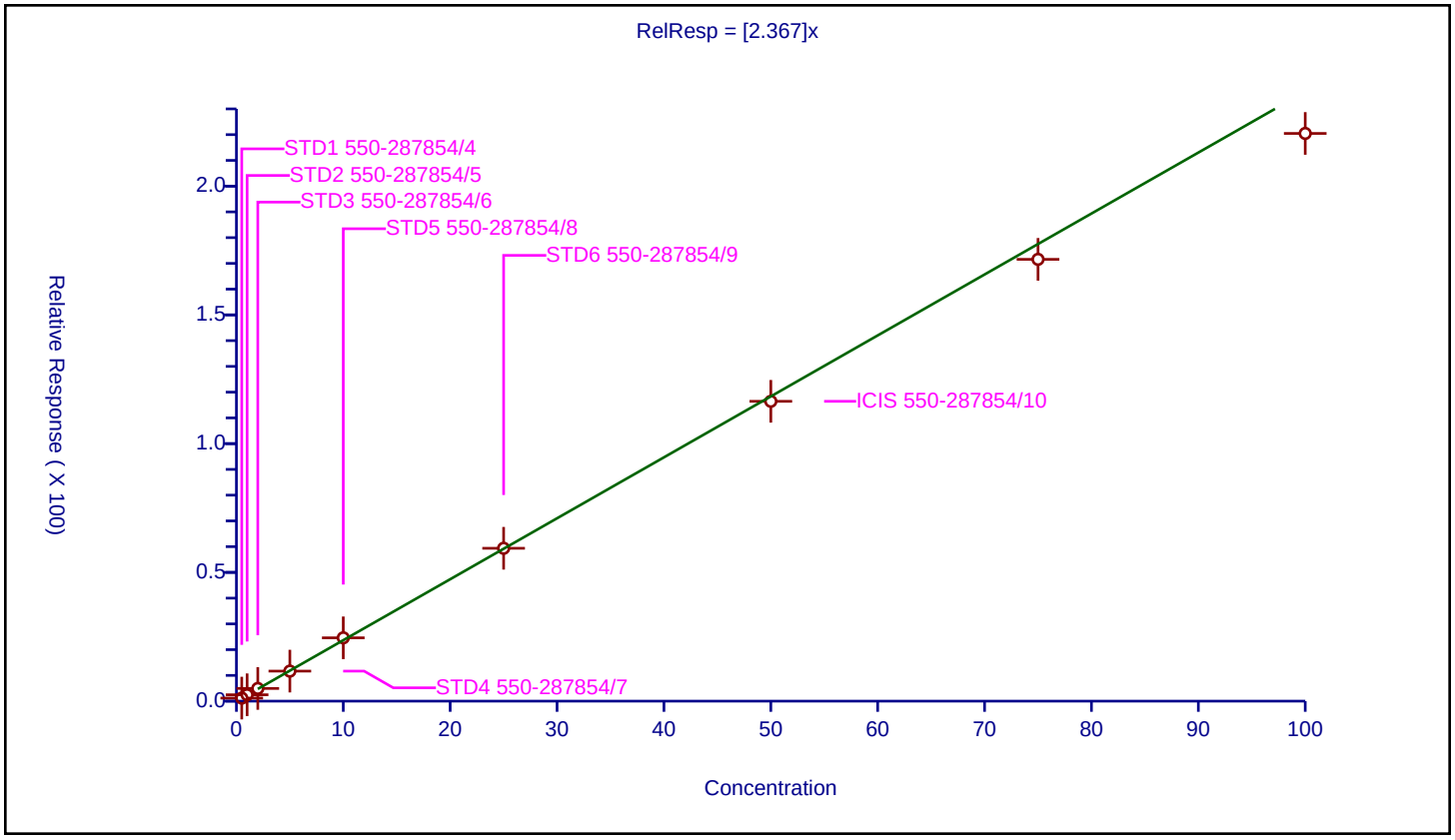
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	1.18844	25.0	511490.0	2.376879	Y
2	STD2 550-287854/5	1.0	2.474758	25.0	480552.0	2.474758	Y
3	STD3 550-287854/6	2.0	4.927775	25.0	478644.0	2.463888	Y
4	STD4 550-287854/7	5.0	11.660296	25.0	478234.0	2.332059	Y
5	STD5 550-287854/8	10.0	24.592727	25.0	463694.0	2.459273	Y
6	STD6 550-287854/9	25.0	59.363363	25.0	452204.0	2.374535	Y
7	ICIS 550-287854/10	50.0	116.441212	25.0	394241.0	2.328824	Y
8	STD8 550-287854/11	75.0	171.566559	25.0	421596.0	2.287554	Y
9	STD9 550-287854/12	100.0	220.466668	25.0	452956.0	2.204667	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

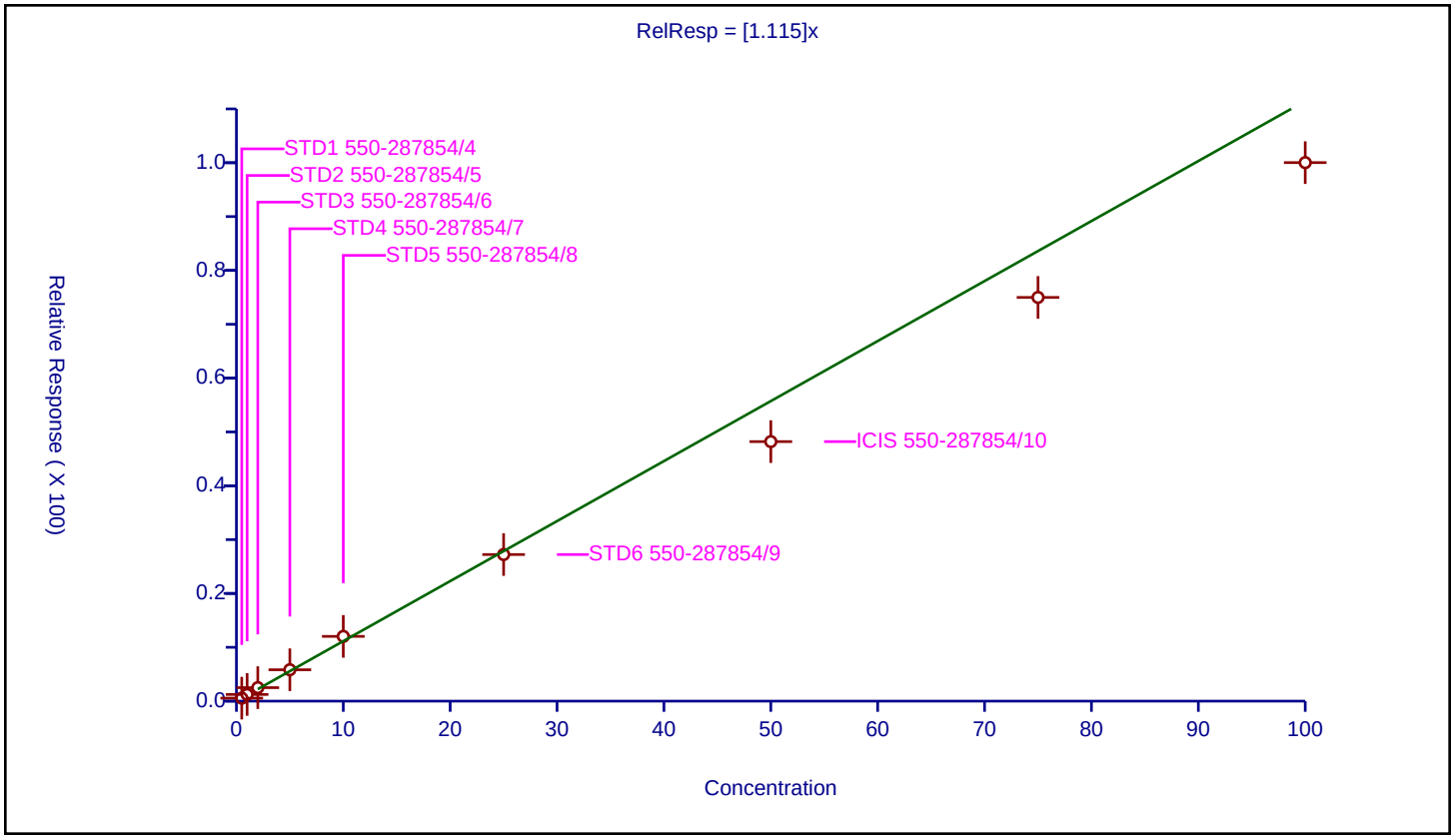
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Standard Error:	849000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-287854/4	0.5	0.558711	25.0	511490.0	1.117422	Y
2	STD2 550-287854/5	1.0	1.240396	25.0	480552.0	1.240396	Y
3	STD3 550-287854/6	2.0	2.503217	25.0	478644.0	1.251609	Y
4	STD4 550-287854/7	5.0	5.830723	25.0	478234.0	1.166145	Y
5	STD5 550-287854/8	10.0	12.026142	25.0	463694.0	1.202614	Y
6	STD6 550-287854/9	25.0	27.229304	25.0	452204.0	1.089172	Y
7	ICIS 550-287854/10	50.0	48.203827	25.0	394241.0	0.964077	Y
8	STD8 550-287854/11	75.0	74.982507	25.0	421596.0	0.999767	Y
9	STD9 550-287854/12	100.0	100.020863	25.0	452956.0	1.000209	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288994/4	11182204.D
Level 2	STD2 550-288994/5	11182205.D
Level 3	STD3 550-288994/6	11182206.D
Level 4	STD4 550-288994/7	11182207.D
Level 5	STD5 550-288994/8	11182208.D
Level 6	STD6 550-288994/9	11182209.D
Level 7	ICIS 550-288994/10	11182210.D
Level 8	STD8 550-288994/11	11182211.D
Level 9	STD9 550-288994/12	11182212.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	0.4075 0.5751	0.6119 0.6344	0.5478 0.5974	0.5216 0.6031	0.5313	Ave		0.5589				12.2		15.0			
Dichlorodifluoromethane	0.9582 1.0041	0.8755 1.0883	0.9677 1.0187	0.9713 1.0204	1.0400	Ave		0.9938				6.1		15.0			
Chloromethane	1.2363 0.9129	1.0800 0.9590	0.9296 0.8864	0.9487 0.8943	0.9205	Ave		0.9742			0.1000	11.7		15.0			
Vinyl chloride	1.0315 1.0651	1.0965 1.1222	1.1160 1.0454	1.0779 1.0431	1.0640	Ave		1.0735				3.0		15.0			
Butadiene	1.3116 0.9239	1.0335 0.9776	1.1247 0.8900	0.9643 0.8811	0.9333	Ave		1.0044				13.7		15.0			
Bromomethane	+++++ 0.5785	+++++ 0.5673	0.8866 0.4958	0.6883 0.4404	0.6156	Lin2	0.7803	0.5119				9.2			0.9900		0.9900
Chloroethane	0.7246 0.4816	0.5820 0.4972	0.5655 0.4627	0.4963 0.4400	0.4805	Lin1	0.1512	0.4603				5.9			0.9980		0.9900
Trichlorofluoromethane	0.6162 1.1069	1.1814 1.1440	1.2000 1.0794	1.1374 1.0677	1.1193	Lin1	-0.051	1.0943				14.9			0.9990		0.9900
Ethanol	+++++ 0.1349	0.1850 0.1480	0.1743 0.1558	0.1722 0.1314	0.1724	Ave		0.1593				12.4		15.0			
1,1-Dichloroethene	0.7090 0.5847	0.5945 0.6052	0.6338 0.5625	0.5888 0.5491	0.5780	Ave		0.6006				7.9		15.0			
Freon 113	0.6244 0.6904	0.6717 0.7301	0.7554 0.6731	0.7012 0.6759	0.6987	Ave		0.6912				5.4		15.0			
Acetone	+++++ 0.2017	+++++ 0.1936	0.3125 0.1744	0.2485 0.1955	0.2136	Lin1	0.2762	0.1851				5.3			0.9970		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	1.1852 1.0345	1.0979 1.0580	1.1482 1.0033	1.0342 0.9642	1.0120	Ave		1.0597				6.7		15.0			
Carbon disulfide	2.1832 2.0160	2.1441 2.0943	2.2938 1.9692	2.0483 1.8781	1.9686	Ave		2.0662				6.2		15.0			
Methylene Chloride	0.7047 0.4691	0.5720 0.4714	0.5187 0.4478	0.4875 0.4396	0.4636	Lin1	0.1366	0.4493				3.1			0.9990		0.9900
2-Methyl-2-propanol	1.2757 1.2882	1.1412 1.2764	1.1910 1.2644	1.2284 1.2881	1.3151	Ave		1.2521				4.4		15.0			
trans-1,2-Dichloroethene	0.6544 0.5301	0.5983 0.5383	0.6109 0.5111	0.5421 0.5037	0.5216	Ave		0.5567				9.3		15.0			
Methyl tert-butyl ether	1.1797 1.0089	1.0161 1.0200	1.0561 0.9839	0.9539 1.0230	0.9558	Ave		1.0220				6.6		15.0			
Hexane	0.7819 0.6005	0.7176 0.5896	0.6700 0.5720	0.6277 0.5973	0.6028	Ave		0.6399				10.9		15.0			
1,1-Dichloroethane	0.7975 0.7455	0.7593 0.7340	0.8420 0.7224	0.7570 0.7277	0.7270	Ave		0.7569			0.1000	5.2		15.0			
Vinyl acetate	+++++ 0.0356	+++++ 0.0341	+++++ 0.0335	0.0317 0.0373	0.0350	Ave		0.0345				5.5		15.0			
Isopropyl ether	1.0565 0.9901	1.0822 1.0045	1.0747 0.9866	0.9622 1.0145	0.9438	Ave		1.0128				4.8		15.0			
Tert-butyl ethyl ether	0.9278 0.9961	0.9418 1.0060	0.9817 0.9784	0.9155 1.0202	0.9257	Ave		0.9659				4.0		15.0			
2-Butanone (MEK)	+++++ 0.0353	+++++ 0.0333	+++++ 0.0332	0.0265 0.0388	0.0297	Ave		0.0328				13.1		15.0			
cis-1,2-Dichloroethene	0.9740 0.7860	0.9414 0.7266	1.0138 0.7024	0.8491 0.6906	0.8072	Ave		0.8323				14.5		15.0			
2,2-Dichloropropane	1.0643 0.8932	0.9733 0.9320	1.0383 0.8808	0.9210 0.8756	0.9022	Ave		0.9423				7.3		15.0			
Chlorobromomethane	0.1774 0.1937	0.1848 0.1880	0.2015 0.1854	0.1924 0.1872	0.1828	Ave		0.1881				3.7		15.0			
Tetrahydrofuran	+++++ 0.0594	+++++ 0.0524	0.0690 0.0501	0.0616 0.0575	0.0573	Ave		0.0582				10.6		15.0			
Chloroform	0.7815 0.6539	0.6776 0.6383	0.7329 0.6274	0.6722 0.6271	0.6493	Ave		0.6734				7.7		15.0			
1,1,1-Trichloroethane	1.0292 0.8750	0.9994 0.9020	0.9802 0.8643	0.8828 0.8618	0.8497	Ave		0.9160				7.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	1.6773 1.3862	1.6243 1.3779	1.8442 1.2847	1.5039 1.2581	1.4132	Ave		1.4855				13.1		15.0			
1,1-Dichloropropene	0.8777 0.9228	1.0740 0.8638	1.1124 0.8327	1.0116 0.8174	0.9670	Lin1	0.2250	0.8451				21.4			0.9970		0.9900
Benzene	2.7958 2.3928	2.9003 2.2606	2.9645 2.2313	2.6975 2.2028	2.5380	Ave		2.5537				11.6		15.0			
1,2-Dichloroethane	0.4990 0.5387	0.5213 0.4999	0.6154 0.4859	0.5746 0.4858	0.5623	Ave		0.5314				8.5		15.0			
Tert-amyl methyl ether	1.7466 1.5963	1.7194 1.5067	1.8802 1.4467	1.5483 1.5212	1.4825	Ave		1.6053				9.1		15.0			
Trichloroethene	0.6398 0.6440	0.7628 0.6018	0.7590 0.5920	0.7057 0.5876	0.6882	Lin1	0.1504	0.5997				18.7			0.9980		0.9900
1,2-Dichloropropane	0.4392 0.4603	0.5064 0.4421	0.5079 0.4432	0.4892 0.4458	0.4768	Ave		0.4679				6.0		15.0			
Dibromomethane	0.2459 0.2803	0.3193 0.2586	0.3140 0.2527	0.2996 0.2503	0.2962	Ave		0.2797				10.3		15.0			
Dichlorobromomethane	0.7836 0.6275	0.7221 0.5942	0.7107 0.5931	0.6834 0.5812	0.6789	Ave		0.6639				10.5		15.0			
2-Chloroethyl vinyl ether	+++++ 0.1494	0.1047 0.1461	0.1267 0.1467	0.1432 0.1559	0.1484	Ave		0.1401				11.8		15.0			
cis-1,3-Dichloropropene	0.5618 0.6148	0.5782 0.5875	0.6193 0.5926	0.6438 0.5886	0.6438	Ave		0.6034				4.8		15.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.3787	+++++ 0.3524	0.7503 0.3455	0.4283 0.4103	0.3818	Lin1	0.5524	0.3656				16.7			0.9900		0.9900
Toluene	1.3184 1.2410	1.2855 1.2194	1.3317 1.2230	1.3016 1.2428	1.2634	Ave		1.2696				3.3		15.0			
trans-1,3-Dichloropropene	0.3918 0.4418	0.3996 0.4109	0.3899 0.4195	0.4345 0.4161	0.4578	Ave		0.4180				5.5		15.0			
1,1,2-Trichloroethane	0.2751 0.2756	0.2433 0.2670	0.2712 0.2665	0.2822 0.2759	0.2814	Ave		0.2709				4.3		15.0			
Tetrachloroethene	0.4275 0.5596	0.5789 0.5616	0.5871 0.5469	0.6045 0.5470	0.5806	Ave		0.5549				9.3		15.0			
1,3-Dichloropropane	0.3378 0.4020	0.3445 0.3944	0.4325 0.3954	0.4011 0.4050	0.4116	Ave		0.3916				7.9		15.0			
Methyl n-butyl ketone (MNBK)	+++++ 0.1753	+++++ 0.1632	0.2000 0.1542	0.1642 0.1855	0.1986	Ave		0.1773				10.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorodibromomethane	0.3020 0.3858	0.3639 0.3806	0.4342 0.3777	0.4012 0.3825	0.4002	Ave		0.3809				9.4		15.0			
1,2-Dibromoethane	+++++ 0.2690	0.2504 0.2547	0.2565 0.2523	0.2778 0.2623	0.2751	Lin2	-0.0122	0.2651				3.9			0.9980		0.9900
Chlorobenzene	1.0623 1.1269	1.1317 1.1121	1.1877 1.1330	1.2196 1.1371	1.1714	Ave		1.1424			0.3000	4.0		15.0			
1,1,1,2-Tetrachloroethane	0.6019 0.6507	0.7020 0.6420	0.7113 0.6259	0.6509 0.6227	0.6417	Ave		0.6499				5.5		15.0			
Ethylbenzene	2.4748 2.2362	2.4494 2.2423	2.6384 2.2239	2.4223 2.2296	2.3153	Ave		2.3591				6.2		15.0			
m-Xylene & p-Xylene	1.1331 1.3691	1.1727 1.4434	1.2379 1.5709	1.2855 1.6347	1.3631	Ave		1.3567				12.6		15.0			
o-Xylene	1.3314 1.6047	1.3109 1.6806	1.3999 1.8308	1.4645 1.8908	1.5301	Ave		1.5604				13.4		15.0			
Styrene	1.7354 1.7858	1.7130 1.8274	1.6216 1.9886	1.7649 2.0575	1.7969	Ave		1.8101				7.5		15.0			
Bromoform	0.2828 0.4208	0.3018 0.4309	0.3848 0.4526	0.3929 0.4850	0.4131	Lin1	-0.145	0.4586			0.1000	11.0			0.9970		0.9900
Isopropylbenzene	4.2403 4.9838	4.0992 5.3310	4.3625 5.6467	4.5630 5.8418	4.7838	Ave		4.8725				12.8		15.0			
1,1,2,2-Tetrachloroethane	0.6317 0.7403	0.7208 0.7382	0.7472 0.7643	0.6759 0.8508	0.6932	Ave		0.7292			0.3000	8.4		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1165	+++++ 0.1089	0.0998 0.1085	0.1204 0.1152	0.1198	Ave		0.1127				6.5		15.0			
Bromobenzene	0.6427 0.7565	0.7103 0.7788	0.6922 0.8265	0.7651 0.8401	0.7685	Ave		0.7534				8.4		15.0			
1,2,3-Trichloropropane	+++++ 0.1934	0.1568 0.1916	0.1411 0.1965	0.1911 0.2221	0.1798	Ave		0.1841				13.6		15.0			
N-Propylbenzene	4.7921 4.8127	4.5629 4.9107	4.6293 5.1974	4.7165 5.3775	4.7742	Ave		4.8637				5.4		15.0			
2-Chlorotoluene	3.1256 3.1505	3.0438 3.2108	2.9972 3.4366	3.1131 3.5084	3.1022	Ave		3.1876				5.4		15.0			
1,3,5-Trimethylbenzene	3.4993 3.9718	3.2941 4.2284	3.5882 4.4488	3.7394 4.5518	3.7899	Ave		3.9013				11.1		15.0			
4-Chlorotoluene	2.3662 2.1715	2.2437 2.1867	2.1412 2.2848	2.3202 2.3151	2.2635	Ave		2.2548				3.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.6095 3.7170	2.5333 4.0696	2.7327 4.3427	3.2805 4.4564	3.5825	Lin1	-1.823	4.2670				20.4			0.9960		0.9900
1,2,4-Trimethylbenzene	3.8601 3.7200	3.4927 3.8709	3.5503 4.0917	3.6108 4.1793	3.6224	Ave		3.7776				6.4		15.0			
sec-Butylbenzene	4.4101 5.3758	4.2476 5.7506	4.7016 6.0848	4.9341 6.2084	5.1410	Ave		5.2060				13.6		15.0			
1,3-Dichlorobenzene	1.7437 1.7605	1.7729 1.7566	1.8065 1.8174	1.8426 1.8051	1.8013	Ave		1.7896				1.8		15.0			
4-Isopropyltoluene	4.2384 4.8491	4.1173 5.1947	4.4406 5.4047	4.6324 5.4787	4.7514	Ave		4.7897				10.2		15.0			
1,4-Dichlorobenzene	1.7400 1.6500	1.7008 1.6801	1.7663 1.7127	1.7104 1.6975	1.7143	Ave		1.7080				1.9		15.0			
n-Butylbenzene	4.5984 4.2562	4.3774 4.4423	4.5481 4.5151	4.3514 4.4782	4.3279	Ave		4.4328				2.5		15.0			
1,2-Dichlorobenzene	1.9457 1.9536	1.9385 2.0003	2.0241 2.0536	1.9601 2.0598	1.9362	Ave		1.9858				2.5		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2429	0.1939 0.2412	0.2594 0.2428	0.1958 0.2810	0.2207	Ave		0.2347				12.8		15.0			
1,2,4-Trichlorobenzene	2.3873 2.4464	2.4852 2.5160	2.5339 2.6355	2.3236 2.5910	2.3527	Ave		2.4746				4.3		15.0			
Hexachlorobutadiene	1.2010 1.5883	1.2730 1.7276	1.4196 1.7817	1.5525 1.7771	1.5632	Ave		1.5427				13.6		15.0			
Naphthalene	5.2907 5.0717	5.0249 5.0758	5.4106 5.2110	4.5659 5.5551	4.5588	Ave		5.0849				6.7		15.0			
1,2,3-Trichlorobenzene	2.3267 2.3567	2.3301 2.4270	2.5002 2.5028	2.2519 2.5293	2.2171	Ave		2.3824				4.8		15.0			
Dibromofluoromethane (Surr)	0.2857 0.3286	0.2744 0.3077	0.3110 0.3269	0.3358 0.3180	0.3331	Ave		0.3135				6.8		15.0			
Toluene-d8 (Surr)	1.7902 1.8254	1.7740 1.7297	1.8039 1.8180	1.8410 1.7918	1.8282	Ave		1.8002				1.9		15.0			
4-Bromofluorobenzene (Surr)	0.7621 0.7708	0.6012 0.7411	0.7003 0.8191	0.7588 0.8366	0.7777	Ave		0.7520				9.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 550-288994/4	11182204.D
Level 2	STD2 550-288994/5	11182205.D
Level 3	STD3 550-288994/6	11182206.D
Level 4	STD4 550-288994/7	11182207.D
Level 5	STD5 550-288994/8	11182208.D
Level 6	STD6 550-288994/9	11182209.D
Level 7	ICIS 550-288994/10	11182210.D
Level 8	STD8 550-288994/11	11182211.D
Level 9	STD9 550-288994/12	11182212.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	FB	Ave	1045	3417	5810	16822	34835	0.500	1.00	2.00	5.00	10.0
			87814	177796	273560	365040		25.0	50.0	75.0	100	
Dichlorodifluoromethane	FB	Ave	2457	4889	10263	31325	68190	0.500	1.00	2.00	5.00	10.0
			153316	304992	466474	617675		25.0	50.0	75.0	100	
Chloromethane	FB	Ave	3170	6031	9859	30596	60355	0.500	1.00	2.00	5.00	10.0
			139386	268766	405894	541316		25.0	50.0	75.0	100	
Vinyl chloride	FB	Ave	2645	6123	11835	34763	69764	0.500	1.00	2.00	5.00	10.0
			162629	314493	478694	631417		25.0	50.0	75.0	100	
Butadiene	FB	Ave	3363	5771	11928	31099	61196	0.500	1.00	2.00	5.00	10.0
			141067	273968	407542	533340		25.0	50.0	75.0	100	
Bromomethane	FB	Lin2	+++++	+++++	9403	22197	40365	+++++	+++++	2.00	5.00	10.0
			88325	158996	227037	266557		25.0	50.0	75.0	100	
Chloroethane	FB	Lin1	1858	3250	5997	16005	31506	0.500	1.00	2.00	5.00	10.0
			73528	139351	211856	266345		25.0	50.0	75.0	100	
Trichlorofluoromethane	FB	Lin1	1580	6597	12726	36679	73389	0.500	1.00	2.00	5.00	10.0
			169010	320599	494253	646309		25.0	50.0	75.0	100	
Ethanol	TBAd9	Ave	+++++	848	1756	3916	7675	+++++	20.0	40.0	100	200
			16828	32869	52479	72903		500	1000	1500	2000	
1,1-Dichloroethene	FB	Ave	1818	3320	6722	18988	37897	0.500	1.00	2.00	5.00	10.0
			89271	169618	257580	332356		25.0	50.0	75.0	100	
Freon 113	FB	Ave	1601	3751	8011	22614	45809	0.500	1.00	2.00	5.00	10.0
			105417	204600	308196	409151		25.0	50.0	75.0	100	
Acetone	CBNZd5	Lin1	+++++	+++++	1658	4370	7988	+++++	+++++	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			17833	33194	50018	74802		25.0	50.0	75.0	100	
Iodomethane	FB	Ave	3039 157945	6131 296501	12177 459436	33353 583631	66355	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon disulfide	FB	Ave	5598 307807	11973 586938	24326 901700	66057 1136844	129073	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methylene Chloride	FB	Lin1	1807 71625	3194 132116	5501 205066	15722 266076	30396	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Methyl-2-propanol	TBAd9	Ave	748 40161	1308 70862	3000 106443	6982 178721	14637	2.50 125	5.00 250	10.0 375	25.0 500	50.0
trans-1,2-Dichloroethene	FB	Ave	1678 80940	3341 150872	6479 234051	17481 304901	34197	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Methyl tert-butyl ether	FB	Ave	3025 154049	5674 285843	11200 450551	30764 619256	62671	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Hexane	FB	Ave	2005 91693	4007 165238	7106 261920	20242 361545	39526	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloroethane	FB	Ave	2045 113830	4240 205692	8930 330801	24412 440474	47667	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Vinyl acetate	FB	Ave	+++++ 5429	+++++ 9563	+++++ 15347	1022 22561	2294	+++++ 25.0	+++++ 50.0	+++++ 75.0	5.00 100	10.0
Isopropyl ether	FB	Ave	2709 151172	6043 281516	11397 451750	31030 614105	61883	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-butyl ethyl ether	FB	Ave	2379 152093	5259 281918	10411 447997	29524 617535	60695	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Butanone (MEK)	FB	Ave	+++++ 5393	+++++ 9336	+++++ 15184	854 23493	1947	+++++ 25.0	+++++ 50.0	+++++ 75.0	5.00 100	10.0
cis-1,2-Dichloroethene	CBNZd5	Ave	1335 69486	2662 124554	5379 201424	14934 264163	30181	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2,2-Dichloropropane	FB	Ave	2729 136373	5435 261204	11011 403313	29700 530040	59156	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Chlorobromomethane	FB	Ave	455 29576	1032 52677	2137 84877	6204 113298	11984	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tetrahydrofuran	CBNZd5	Ave	+++++ 5251	+++++ 8986	366 14378	1084 22007	2141	+++++ 25.0	+++++ 50.0	2.00 75.0	5.00 100	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chloroform	FB	Ave	2004 99840	3784 178884	7773 287272	21677 379589	42573	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,1-Trichloroethane	FB	Ave	2639 133591	5581 252783	10395 395764	28468 521629	55711	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Carbon tetrachloride	CBNZ d5	Ave	2299 122544	4593 236193	9785 368430	26452 481254	52838	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1-Dichloropropene	CBNZ d5	Lin1	1203 81573	3037 148078	5902 238808	17792 312687	36154	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Benzene	CBNZ d5	Ave	3832 211524	8201 387512	15729 639873	47446 842635	94892	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloroethane	CBNZ d5	Ave	684 47619	1474 85690	3265 139355	10107 185830	21025	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Tert-amyl methyl ether	CBNZ d5	Ave	2394 141119	4862 258283	9976 414869	27232 581912	55430	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Trichloroethene	CBNZ d5	Lin1	877 56931	2157 103168	4027 169773	12413 224761	25731	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2-Dichloropropane	CBNZ d5	Ave	602 40693	1432 75789	2695 127098	8605 170530	17827	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dibromomethane	CBNZ d5	Ave	337 24775	903 44334	1666 72457	5270 95756	11074	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Dichlorobromomethane	CBNZ d5	Ave	1074 55474	2042 101865	3771 170074	12020 222326	25385	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chloroethyl vinyl ether	CBNZ d5	Ave	+++++ 13205	296 25052	672 42074	2519 59621	5550	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	770	1635	3286	11324	24073	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			54352	100704	169938	225157		25.0	50.0	75.0	100	
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Lin1	+++++	+++++	3981	7534	14275	+++++	+++++	2.00	5.00	10.0
			33478	60406	99079	156951		25.0	50.0	75.0	100	
Toluene	CBNZ d5	Ave	1807	3635	7066	22893	47236	0.500	1.00	2.00	5.00	10.0
			109706	209029	350733	475393		25.0	50.0	75.0	100	
trans-1,3-Dichloropropene	CBNZ d5	Ave	537	1130	2069	7642	17116	0.500	1.00	2.00	5.00	10.0
			39060	70441	120287	159165		25.0	50.0	75.0	100	
1,1,2-Trichloroethane	CBNZ d5	Ave	377	688	1439	4964	10520	0.500	1.00	2.00	5.00	10.0
			24363	45761	76439	105541		25.0	50.0	75.0	100	
Tetrachloroethene	CBNZ d5	Ave	586	1637	3115	10632	21710	0.500	1.00	2.00	5.00	10.0
			49467	96264	156846	209229		25.0	50.0	75.0	100	
1,3-Dichloropropane	CBNZ d5	Ave	463	974	2295	7054	15390	0.500	1.00	2.00	5.00	10.0
			35541	67614	113390	154926		25.0	50.0	75.0	100	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	+++++	+++++	1061	2888	7425	+++++	+++++	2.00	5.00	10.0
			15495	27971	44208	70964		25.0	50.0	75.0	100	
Chlorodibromomethane	CBNZ d5	Ave	414	1029	2304	7057	14965	0.500	1.00	2.00	5.00	10.0
			34107	65238	108312	146319		25.0	50.0	75.0	100	
1,2-Dibromoethane	CBNZ d5	Lin2	+++++	708	1361	4886	10284	+++++	1.00	2.00	5.00	10.0
			23783	43654	72364	100341		25.0	50.0	75.0	100	
Chlorobenzene	CBNZ d5	Ave	1456	3200	6302	21451	43797	0.500	1.00	2.00	5.00	10.0
			99621	190630	324905	434991		25.0	50.0	75.0	100	
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	825	1985	3774	11448	23994	0.500	1.00	2.00	5.00	10.0
			57524	110044	179498	238201		25.0	50.0	75.0	100	
Ethylbenzene	CBNZ d5	Ave	3392	6926	13999	42606	86569	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			197686	384375	637743	852897		25.0	50.0	75.0	100	
m-Xylene & p-Xylene	DCBd 4	Ave	1234 80483	2782 155784	5517 257521	17056 342541	35733	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
o-Xylene	DCBd 4	Ave	1450 94334	3110 181392	6239 300120	19431 396211	40110	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Styrene	DCBd 4	Ave	1890 104980	4064 197226	7227 325990	23418 431154	47102	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Bromoform	DCBd 4	Lin1	308 24739	716 46512	1715 74192	5213 101640	10830	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
Isopropylbenzene	DCBd 4	Ave	4618 292984	9725 575374	19443 925679	60544 1224128	125400	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	688 43519	1710 79675	3330 125300	8968 178293	18171	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 6847	+++++ 11750	445 17790	1597 24140	3140	+++++ 25.0	+++++ 50.0	2.00 75.0	5.00 100	10.0
Bromobenzene	DCBd 4	Ave	700 44470	1685 84061	3085 135496	10152 176033	20145	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 11368	372 20674	629 32216	2536 46551	4712	+++++ 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
N-Propylbenzene	DCBd 4	Ave	5219 282927	10825 530011	20632 852013	62580 1126854	125148	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
2-Chlorotoluene	DCBd 4	Ave	3404 185209	7221 346544	13358 563366	41306 735173	81320	0.500 25.0	1.00 50.0	2.00 75.0	5.00 100	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	3811	7815	15992	49616	99346	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			233491	456376	729300	953824		25.0	50.0	75.0	100	
4-Chlorotoluene	DCBd 4	Ave	2577	5323	9543	30785	59335	0.500	1.00	2.00	5.00	10.0
			127656	236013	374545	485123		25.0	50.0	75.0	100	
tert-Butylbenzene	DCBd 4	Lin1	2842	6010	12179	43527	93909	0.500	1.00	2.00	5.00	10.0
			218510	439234	711912	933824		25.0	50.0	75.0	100	
1,2,4-Trimethylbenzene	DCBd 4	Ave	4204	8286	15823	47909	94955	0.500	1.00	2.00	5.00	10.0
			218690	417791	670760	875763		25.0	50.0	75.0	100	
sec-Butylbenzene	DCBd 4	Ave	4803	10077	20954	65467	134765	0.500	1.00	2.00	5.00	10.0
			316025	620662	997492	1300967		25.0	50.0	75.0	100	
1,3-Dichlorobenzene	DCBd 4	Ave	1899	4206	8051	24449	47218	0.500	1.00	2.00	5.00	10.0
			103493	189586	297924	378245		25.0	50.0	75.0	100	
4-Isopropyltoluene	DCBd 4	Ave	4616	9768	19791	61465	124550	0.500	1.00	2.00	5.00	10.0
			285065	560669	886004	1148053		25.0	50.0	75.0	100	
1,4-Dichlorobenzene	DCBd 4	Ave	1895	4035	7872	22694	44939	0.500	1.00	2.00	5.00	10.0
			97000	181329	280760	355707		25.0	50.0	75.0	100	
n-Butylbenzene	DCBd 4	Ave	5008	10385	20270	57736	113451	0.500	1.00	2.00	5.00	10.0
			250212	479457	740174	938402		25.0	50.0	75.0	100	
1,2-Dichlorobenzene	DCBd 4	Ave	2119	4599	9021	26007	50754	0.500	1.00	2.00	5.00	10.0
			114846	215892	336648	431629		25.0	50.0	75.0	100	
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	460	1156	2598	5785	+++++	1.00	2.00	5.00	10.0
			14279	26034	39795	58882		25.0	50.0	75.0	100	
1,2,4-Trichlorobenzene	DCBd 4	Ave	2600	5896	11293	30831	61672	0.500	1.00	2.00	5.00	10.0
			143814	271547	432047	542931		25.0	50.0	75.0	100	
Hexachlorobutadiene	DCBd 4	Ave	1308	3020	6327	20599	40977	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Phoenix Job No.: 550-193492-1 Analy Batch No.: 288994

SDG No.:

Instrument ID: GCMS24 GC Column: Rxi-624Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/18/2022 11:07 Calibration End Date: 11/18/2022 14:01 Calibration ID: 24389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			93374	186459	292084	372392		25.0	50.0	75.0	100	
Naphthalene	DCBd 4	Ave	5762	11921	24114	60582	119503	0.500	1.00	2.00	5.00	10.0
			298148	547829	854249	1164067		25.0	50.0	75.0	100	
1,2,3-Trichlorobenzene	DCBd 4	Ave	2534	5528	11143	29879	58117	0.500	1.00	2.00	5.00	10.0
			138542	261949	410295	530001		25.0	50.0	75.0	100	
Dibromofluoromethane (Surr)	FB	Ave	586	1226	2639	8664	17473	0.400	0.800	1.60	4.00	8.00
			40136	68991	119738	153998		20.0	40.0	60.0	80.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	1963	4013	7657	25905	54683	0.400	0.800	1.60	4.00	8.00
			129096	237200	417077	548338		20.0	40.0	60.0	80.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	664	1141	2497	8054	16310	0.400	0.800	1.60	4.00	8.00
			36250	63988	107422	140240		20.0	40.0	60.0	80.0	

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

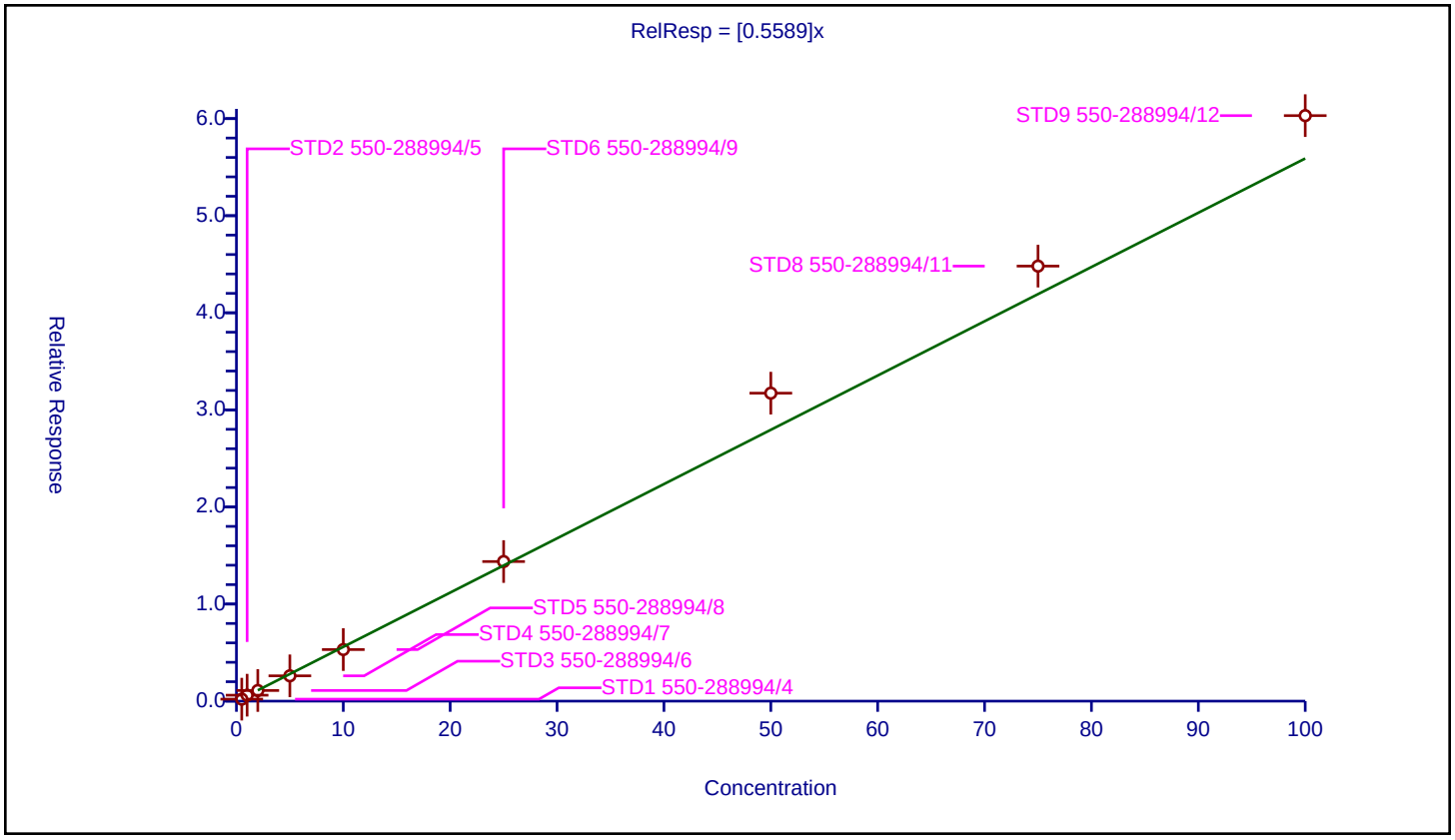
Curve Coefficients

Intercept:	0
Slope:	0.5589

Error Coefficients

Standard Error:	176000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.203772	25.0	128207.0	0.407544	Y
2	STD2 550-288994/5	1.0	0.611909	25.0	139604.0	0.611909	Y
3	STD3 550-288994/6	2.0	1.095681	25.0	132566.0	0.54784	Y
4	STD4 550-288994/7	5.0	2.608127	25.0	161246.0	0.521625	Y
5	STD5 550-288994/8	10.0	5.312967	25.0	163915.0	0.531297	Y
6	STD6 550-288994/9	25.0	14.378389	25.0	152684.0	0.575136	Y
7	ICIS 550-288994/10	50.0	31.720963	25.0	140125.0	0.634419	Y
8	STD8 550-288994/11	75.0	44.806237	25.0	152635.0	0.597416	Y
9	STD9 550-288994/12	100.0	60.30609	25.0	151328.0	0.603061	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

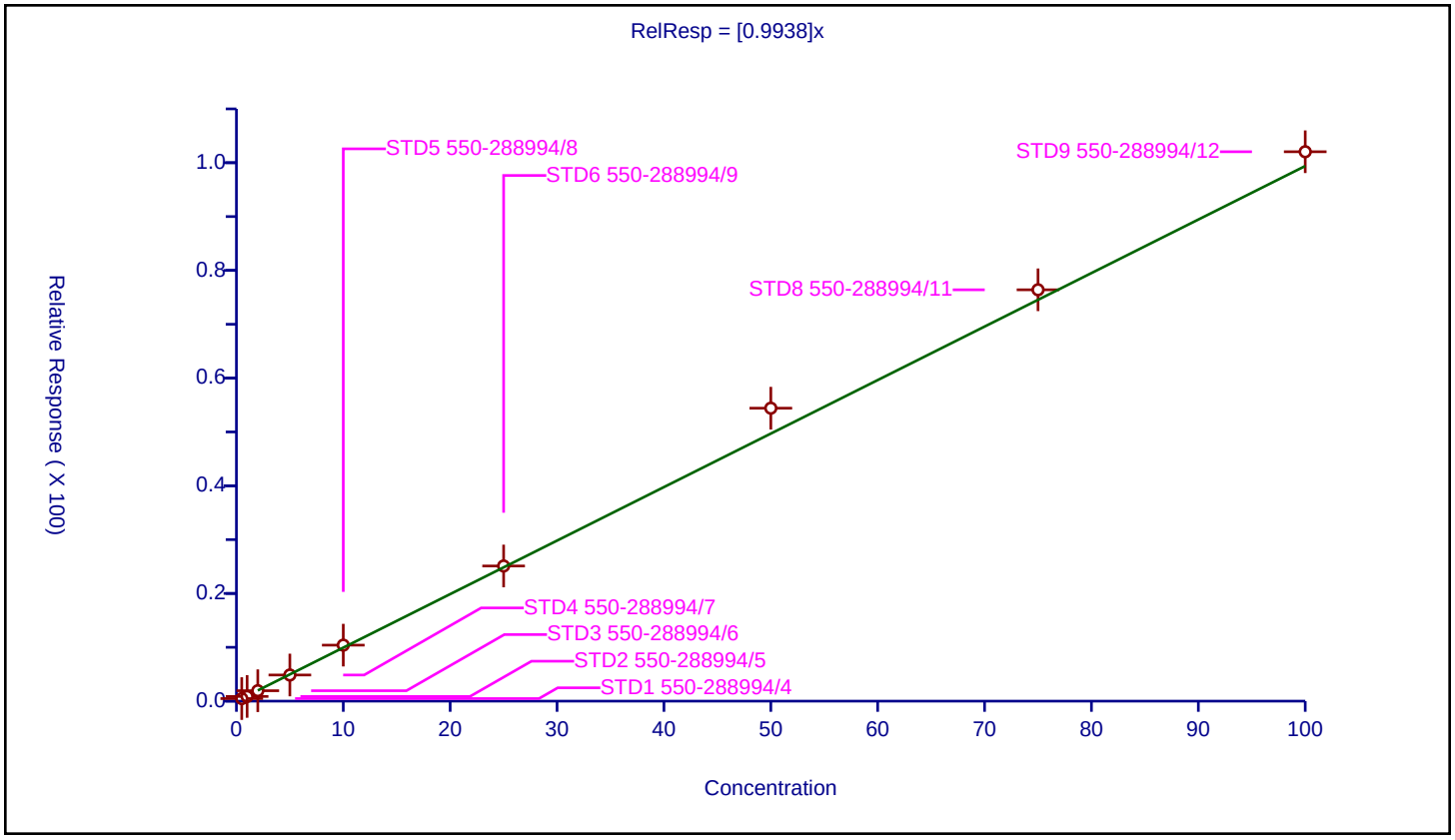
Curve Coefficients

Intercept:	0
Slope:	0.9938

Error Coefficients

Standard Error:	300000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.479108	25.0	128207.0	0.958216	Y
2	STD2 550-288994/5	1.0	0.875512	25.0	139604.0	0.875512	Y
3	STD3 550-288994/6	2.0	1.935451	25.0	132566.0	0.967726	Y
4	STD4 550-288994/7	5.0	4.85671	25.0	161246.0	0.971342	Y
5	STD5 550-288994/8	10.0	10.400207	25.0	163915.0	1.040021	Y
6	STD6 550-288994/9	25.0	25.103482	25.0	152684.0	1.004139	Y
7	ICIS 550-288994/10	50.0	54.414273	25.0	140125.0	1.088285	Y
8	STD8 550-288994/11	75.0	76.403512	25.0	152635.0	1.018713	Y
9	STD9 550-288994/12	100.0	102.042418	25.0	151328.0	1.020424	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

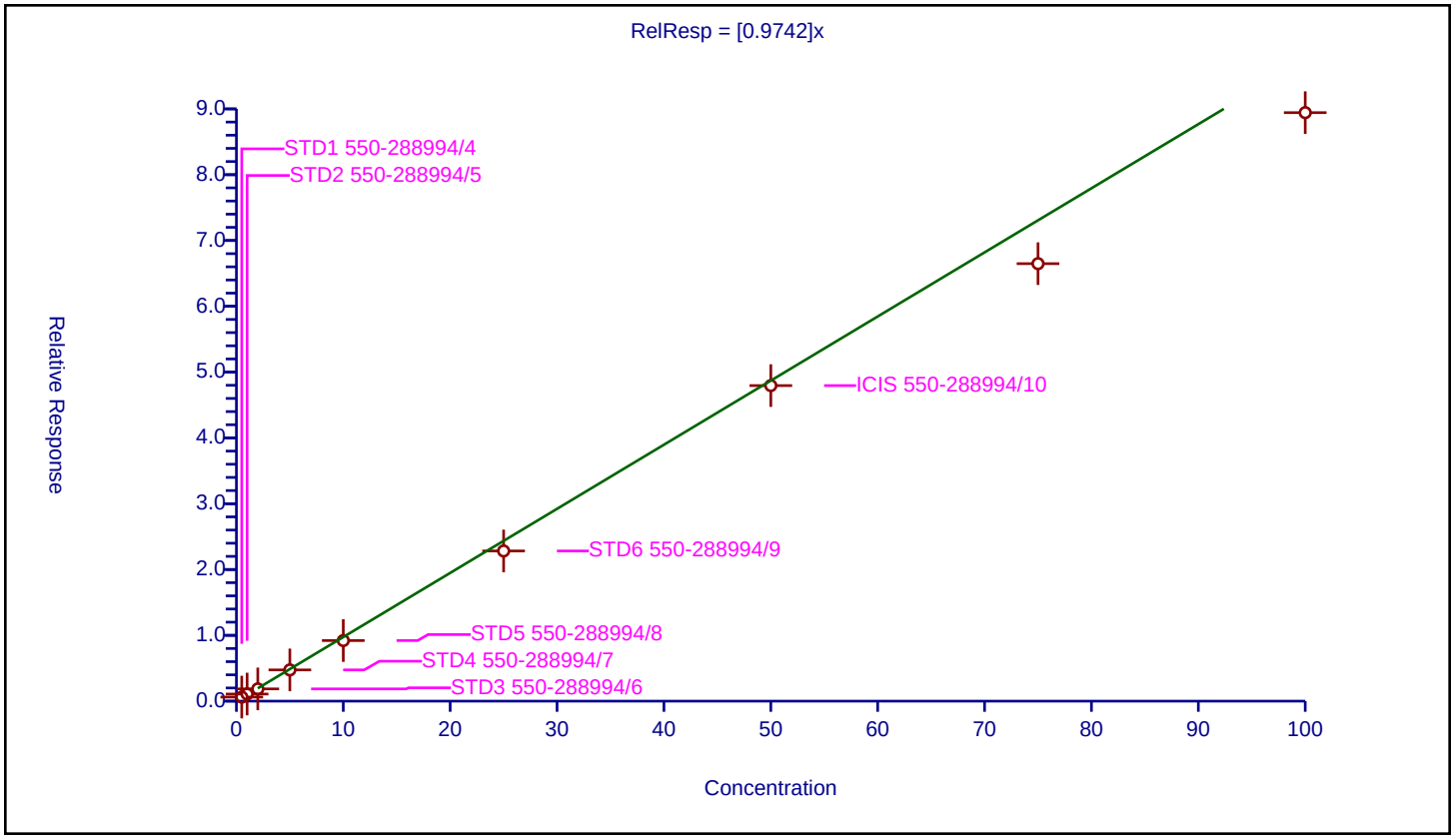
Curve Coefficients

Intercept:	0
Slope:	0.9742

Error Coefficients

Standard Error:	263000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.618141	25.0	128207.0	1.236282	Y
2	STD2 550-288994/5	1.0	1.080019	25.0	139604.0	1.080019	Y
3	STD3 550-288994/6	2.0	1.859263	25.0	132566.0	0.929631	Y
4	STD4 550-288994/7	5.0	4.743684	25.0	161246.0	0.948737	Y
5	STD5 550-288994/8	10.0	9.205228	25.0	163915.0	0.920523	Y
6	STD6 550-288994/9	25.0	22.822627	25.0	152684.0	0.912905	Y
7	ICIS 550-288994/10	50.0	47.951115	25.0	140125.0	0.959022	Y
8	STD8 550-288994/11	75.0	66.481148	25.0	152635.0	0.886415	Y
9	STD9 550-288994/12	100.0	89.427601	25.0	151328.0	0.894276	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

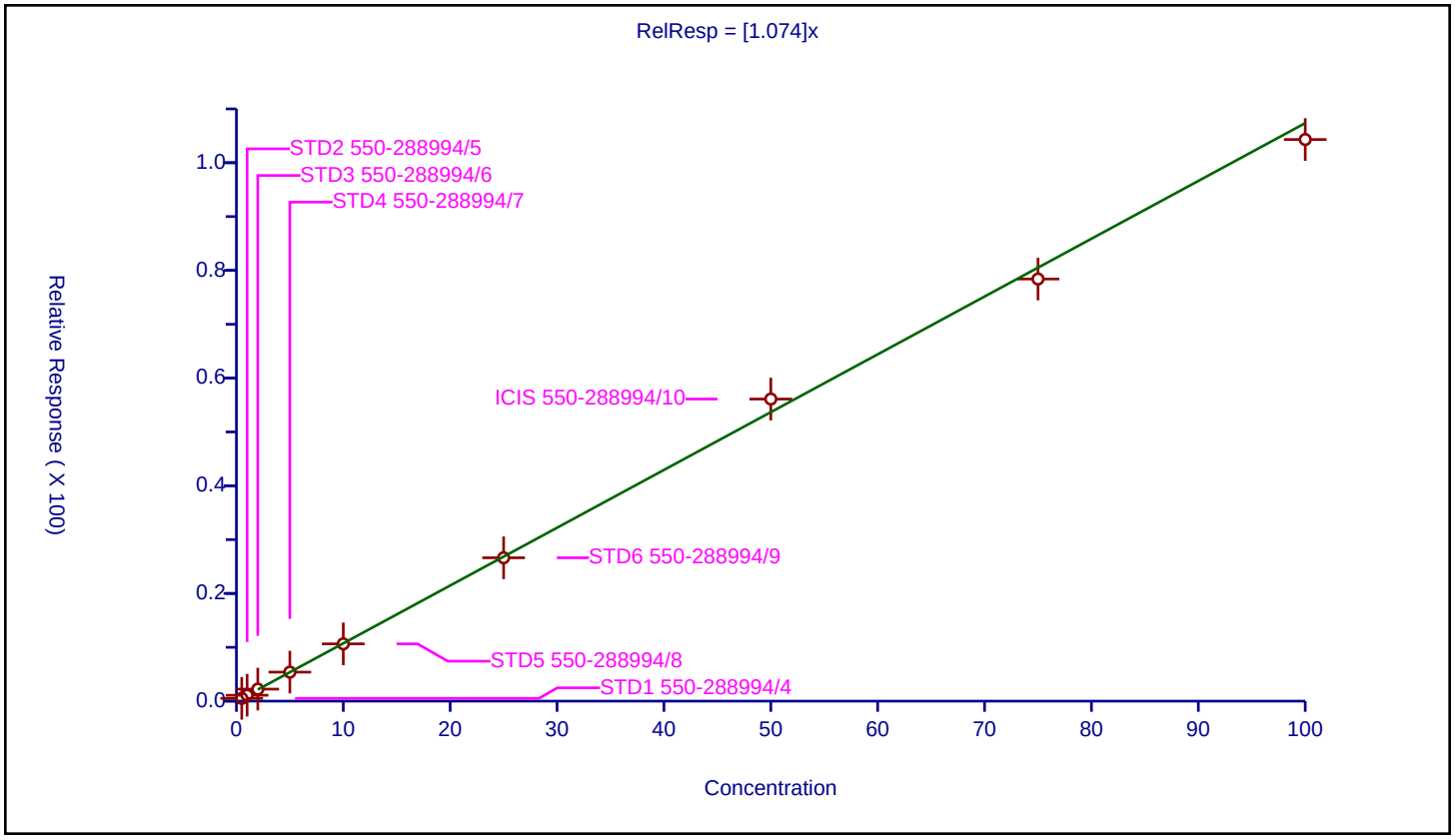
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	308000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.515767	25.0	128207.0	1.031535	Y
2	STD2 550-288994/5	1.0	1.096494	25.0	139604.0	1.096494	Y
3	STD3 550-288994/6	2.0	2.231907	25.0	132566.0	1.115954	Y
4	STD4 550-288994/7	5.0	5.389746	25.0	161246.0	1.077949	Y
5	STD5 550-288994/8	10.0	10.640271	25.0	163915.0	1.064027	Y
6	STD6 550-288994/9	25.0	26.628363	25.0	152684.0	1.065135	Y
7	ICIS 550-288994/10	50.0	56.109367	25.0	140125.0	1.122187	Y
8	STD8 550-288994/11	75.0	78.405019	25.0	152635.0	1.0454	Y
9	STD9 550-288994/12	100.0	104.312652	25.0	151328.0	1.043127	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

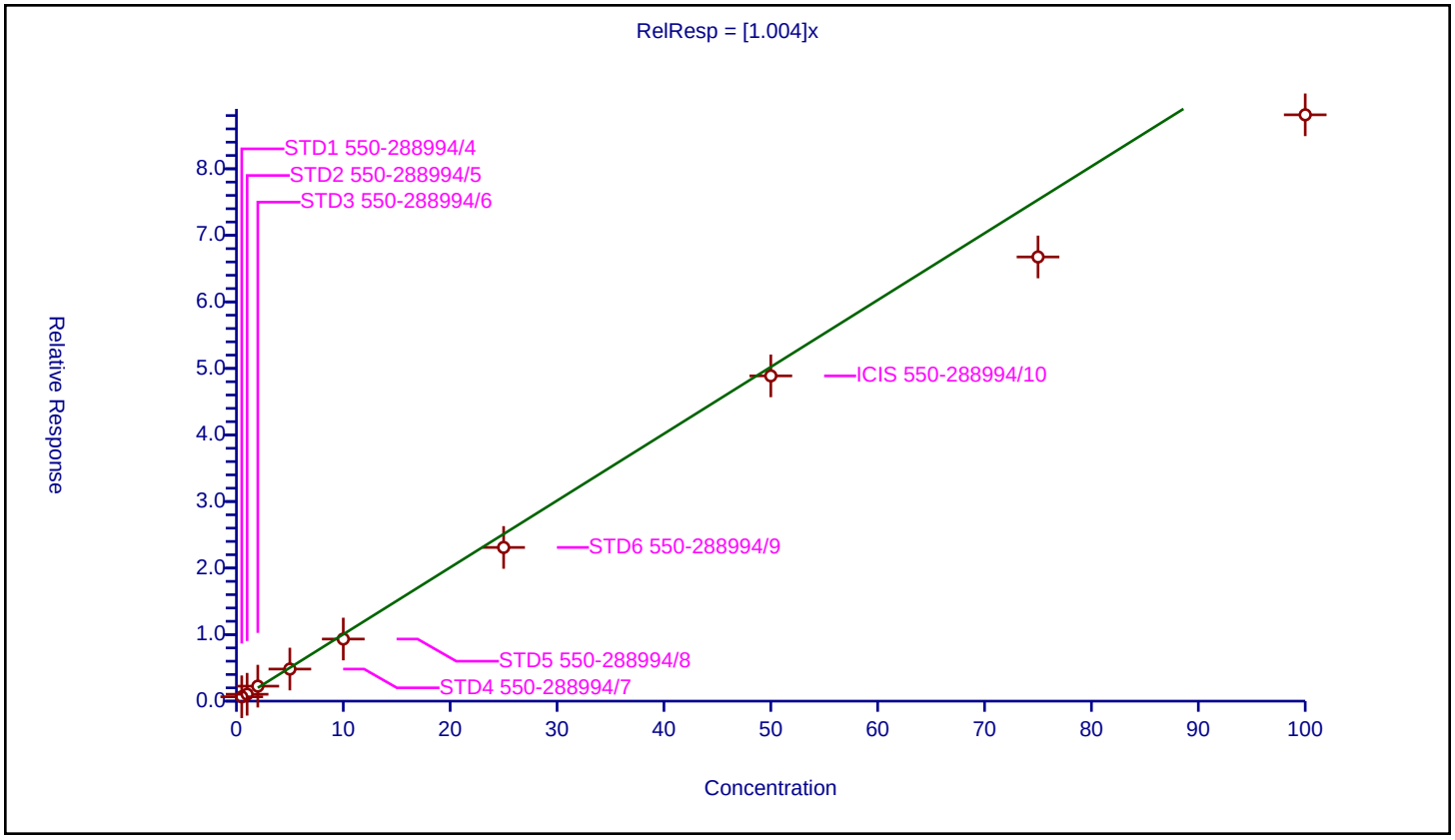
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	262000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.655775	25.0	128207.0	1.311551	Y
2	STD2 550-288994/5	1.0	1.033459	25.0	139604.0	1.033459	Y
3	STD3 550-288994/6	2.0	2.249446	25.0	132566.0	1.124723	Y
4	STD4 550-288994/7	5.0	4.82167	25.0	161246.0	0.964334	Y
5	STD5 550-288994/8	10.0	9.333496	25.0	163915.0	0.93335	Y
6	STD6 550-288994/9	25.0	23.097869	25.0	152684.0	0.923915	Y
7	ICIS 550-288994/10	50.0	48.879215	25.0	140125.0	0.977584	Y
8	STD8 550-288994/11	75.0	66.751073	25.0	152635.0	0.890014	Y
9	STD9 550-288994/12	100.0	88.109933	25.0	151328.0	0.881099	Y



Calibration / Bromomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

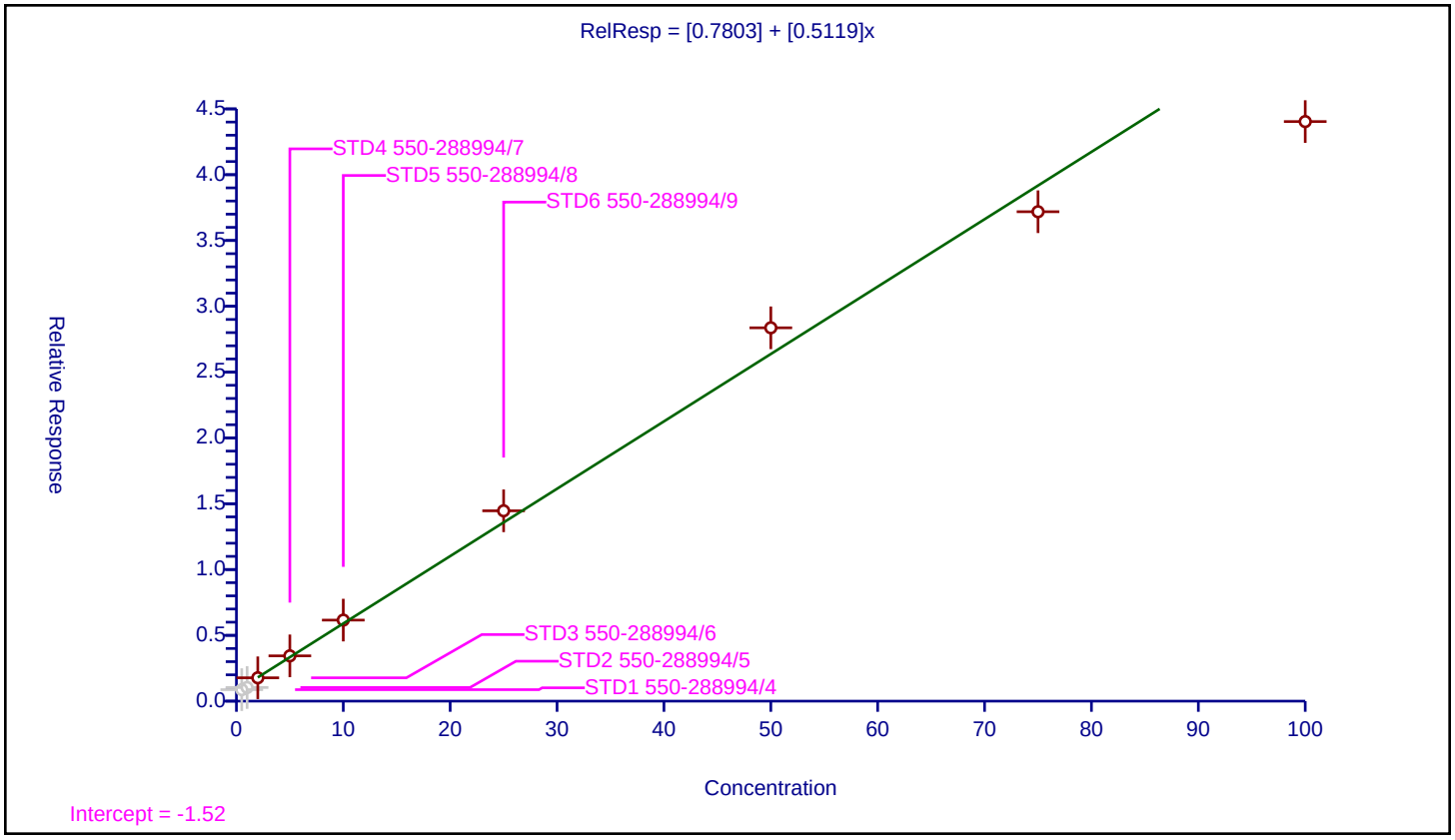
Curve Coefficients

Intercept:	0.7803
Slope:	0.5119

Error Coefficients

Standard Error:	178000
Relative Standard Error:	9.2
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.872807	25.0	128207.0	1.745615	N
2	STD2 550-288994/5	1.0	1.035966	25.0	139604.0	1.035966	N
3	STD3 550-288994/6	2.0	1.773268	25.0	132566.0	0.886634	Y
4	STD4 550-288994/7	5.0	3.441481	25.0	161246.0	0.688296	Y
5	STD5 550-288994/8	10.0	6.156392	25.0	163915.0	0.615639	Y
6	STD6 550-288994/9	25.0	14.462059	25.0	152684.0	0.578482	Y
7	ICIS 550-288994/10	50.0	28.366815	25.0	140125.0	0.567336	Y
8	STD8 550-288994/11	75.0	37.186261	25.0	152635.0	0.495817	Y
9	STD9 550-288994/12	100.0	44.036299	25.0	151328.0	0.440363	Y



Calibration / Chloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

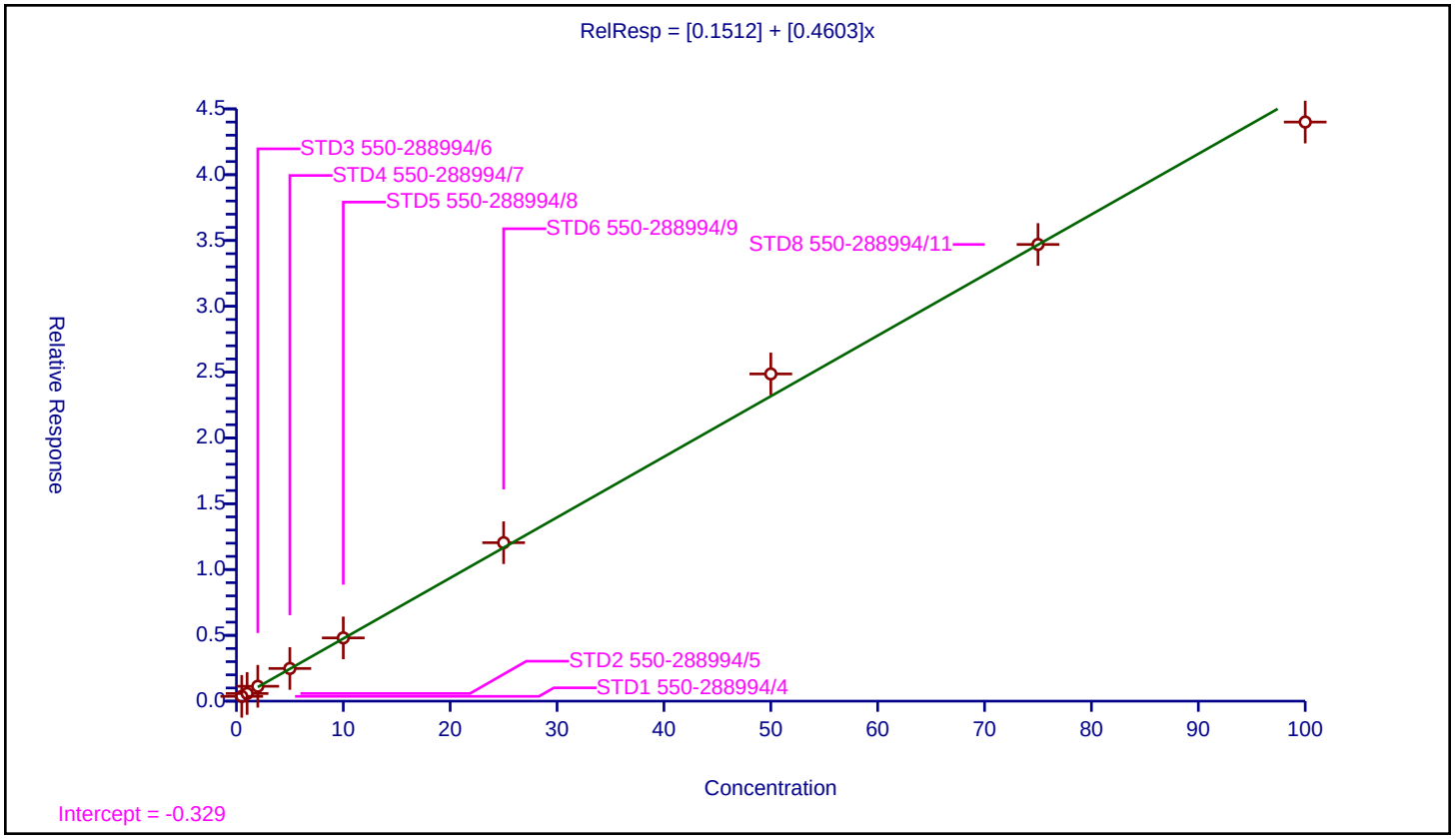
Curve Coefficients

Intercept:	0.1512
Slope:	0.4603

Error Coefficients

Standard Error:	142000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.362305	25.0	128207.0	0.724609	Y
2	STD2 550-288994/5	1.0	0.582003	25.0	139604.0	0.582003	Y
3	STD3 550-288994/6	2.0	1.130946	25.0	132566.0	0.565473	Y
4	STD4 550-288994/7	5.0	2.481457	25.0	161246.0	0.496291	Y
5	STD5 550-288994/8	10.0	4.805234	25.0	163915.0	0.480523	Y
6	STD6 550-288994/9	25.0	12.039244	25.0	152684.0	0.48157	Y
7	ICIS 550-288994/10	50.0	24.861909	25.0	140125.0	0.497238	Y
8	STD8 550-288994/11	75.0	34.699774	25.0	152635.0	0.462664	Y
9	STD9 550-288994/12	100.0	44.001275	25.0	151328.0	0.440013	Y



Calibration / Trichlorofluoromethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

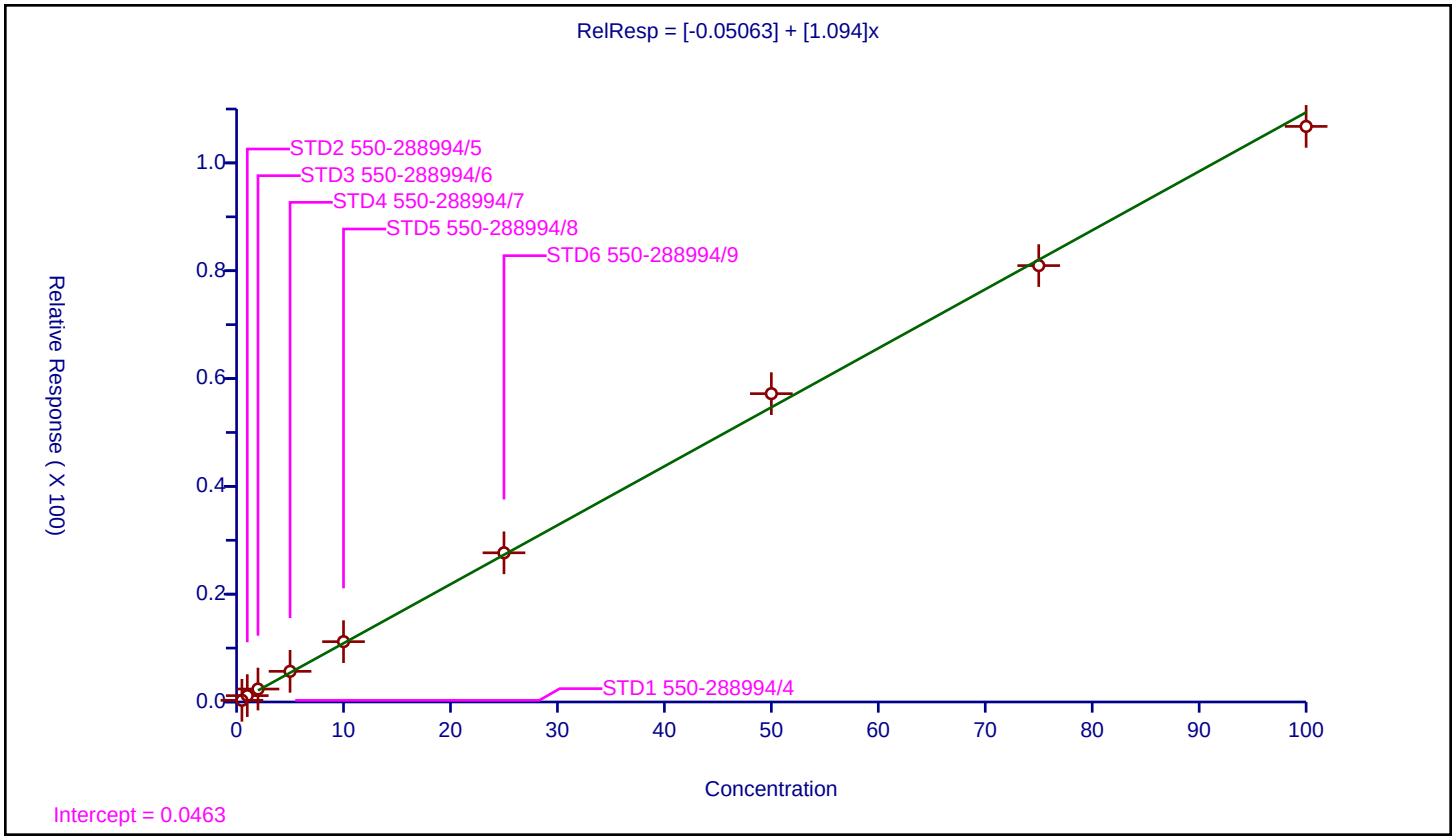
Curve Coefficients

Intercept:	-0.05063
Slope:	1.094

Error Coefficients

Standard Error:	338000
Relative Standard Error:	14.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.308096	25.0	128207.0	0.616191	Y
2	STD2 550-288994/5	1.0	1.181377	25.0	139604.0	1.181377	Y
3	STD3 550-288994/6	2.0	2.399937	25.0	132566.0	1.199968	Y
4	STD4 550-288994/7	5.0	5.686808	25.0	161246.0	1.137362	Y
5	STD5 550-288994/8	10.0	11.193149	25.0	163915.0	1.119315	Y
6	STD6 550-288994/9	25.0	27.673168	25.0	152684.0	1.106927	Y
7	ICIS 550-288994/10	50.0	57.198751	25.0	140125.0	1.143975	Y
8	STD8 550-288994/11	75.0	80.953418	25.0	152635.0	1.079379	Y
9	STD9 550-288994/12	100.0	106.772871	25.0	151328.0	1.067729	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

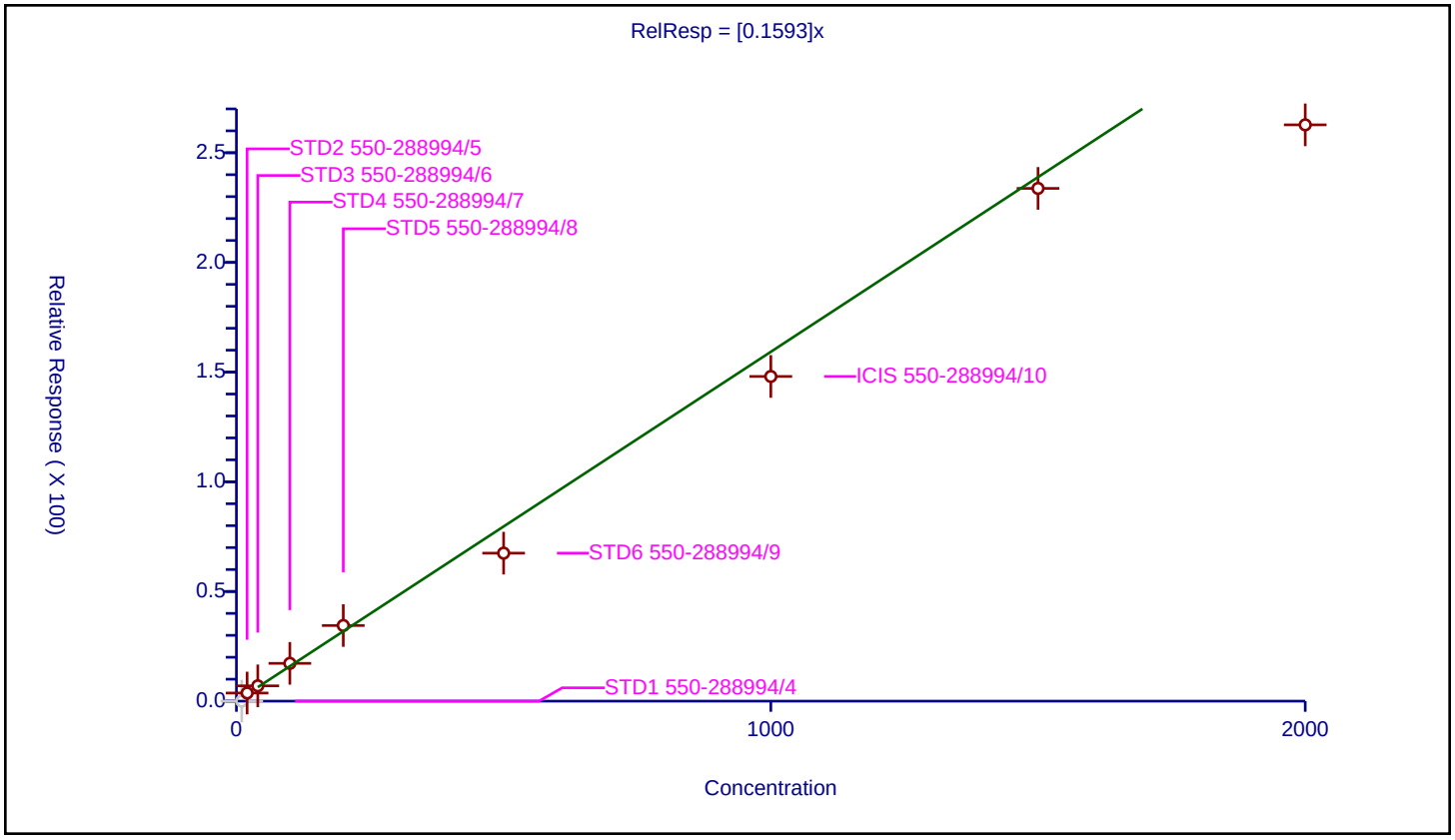
Curve Coefficients

Intercept:	0
Slope:	0.1593

Error Coefficients

Standard Error:	36700
Relative Standard Error:	12.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	10.0	0.0	200.0	46906.0	0.0	N
2	STD2 550-288994/5	20.0	3.699341	200.0	45846.0	0.184967	Y
3	STD3 550-288994/6	40.0	6.971297	200.0	50378.0	0.174282	Y
4	STD4 550-288994/7	100.0	17.224165	200.0	45471.0	0.172242	Y
5	STD5 550-288994/8	200.0	34.478886	200.0	44520.0	0.172394	Y
6	STD6 550-288994/9	500.0	67.471232	200.0	49882.0	0.134942	Y
7	ICIS 550-288994/10	1000.0	148.018554	200.0	44412.0	0.148019	Y
8	STD8 550-288994/11	1500.0	233.759465	200.0	44900.0	0.15584	Y
9	STD9 550-288994/12	2000.0	262.722981	200.0	55498.0	0.131361	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

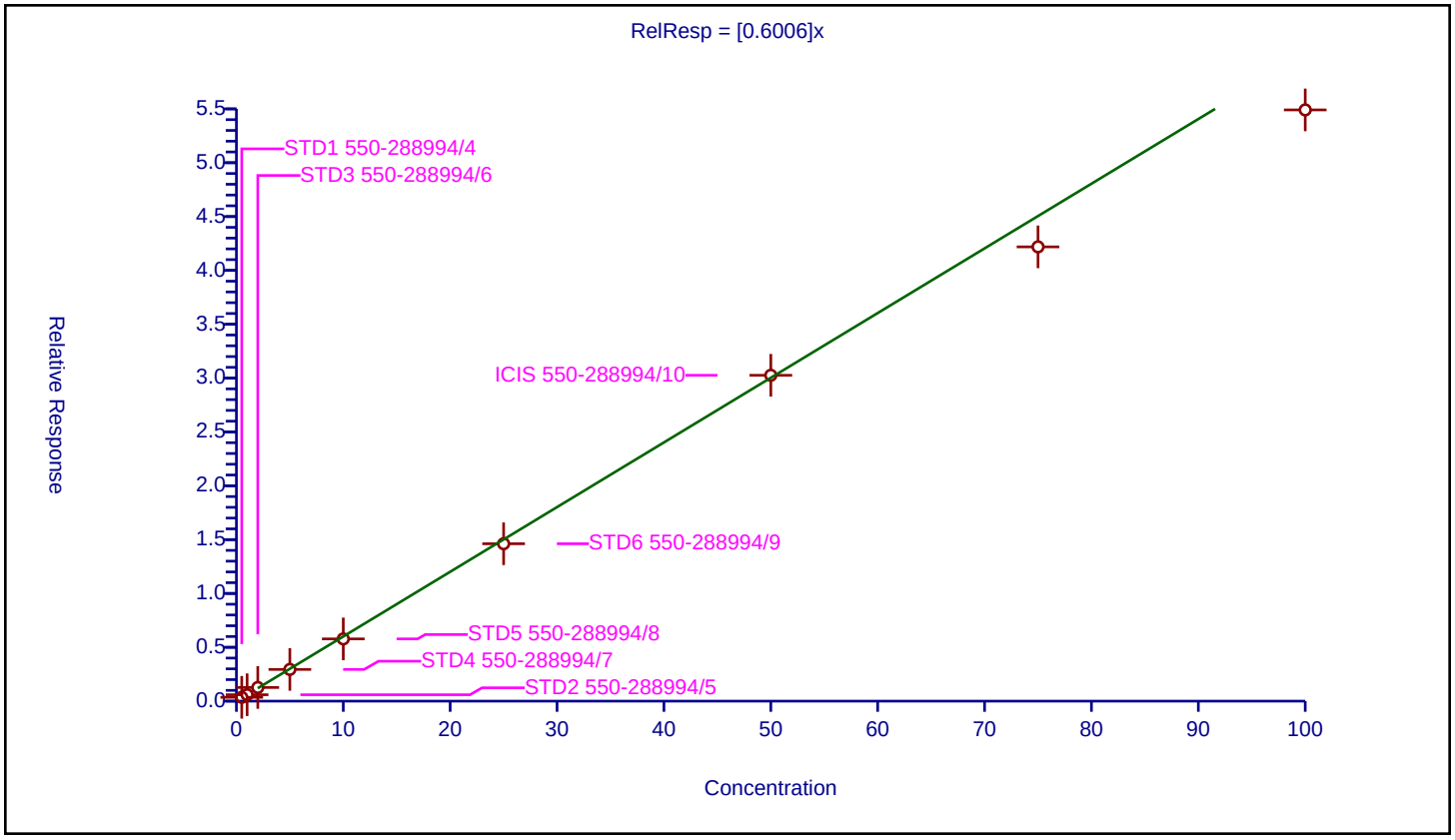
Curve Coefficients

Intercept:	0
Slope:	0.6006

Error Coefficients

Standard Error:	164000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.354505	25.0	128207.0	0.70901	Y
2	STD2 550-288994/5	1.0	0.594539	25.0	139604.0	0.594539	Y
3	STD3 550-288994/6	2.0	1.26767	25.0	132566.0	0.633835	Y
4	STD4 550-288994/7	5.0	2.943949	25.0	161246.0	0.58879	Y
5	STD5 550-288994/8	10.0	5.779977	25.0	163915.0	0.577998	Y
6	STD6 550-288994/9	25.0	14.616954	25.0	152684.0	0.584678	Y
7	ICIS 550-288994/10	50.0	30.261909	25.0	140125.0	0.605238	Y
8	STD8 550-288994/11	75.0	42.188882	25.0	152635.0	0.562518	Y
9	STD9 550-288994/12	100.0	54.906561	25.0	151328.0	0.549066	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

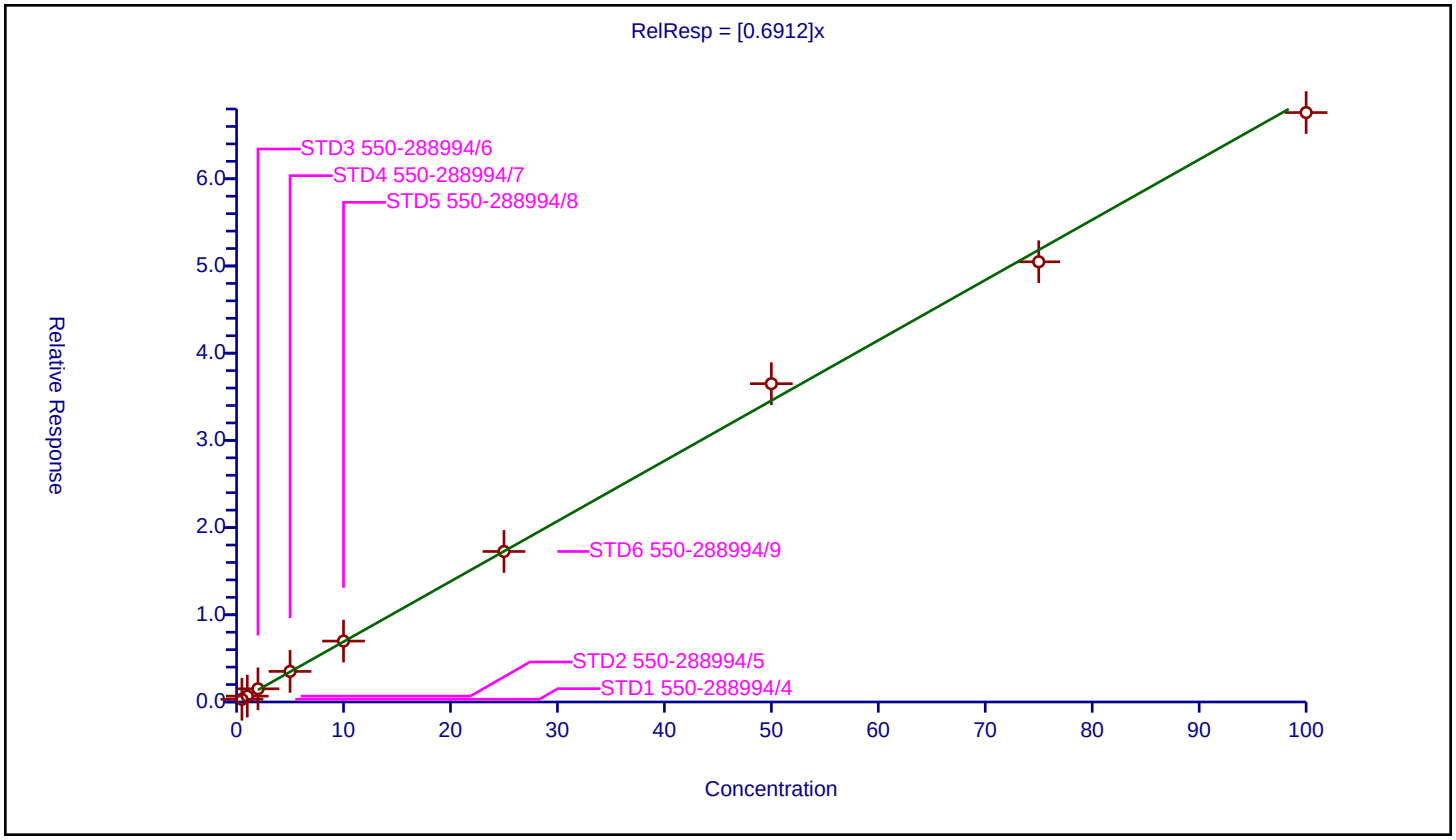
Curve Coefficients

Intercept:	0
Slope:	0.6912

Error Coefficients

Standard Error:	199000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.31219	25.0	128207.0	0.624381	Y
2	STD2 550-288994/5	1.0	0.671721	25.0	139604.0	0.671721	Y
3	STD3 550-288994/6	2.0	1.510757	25.0	132566.0	0.755378	Y
4	STD4 550-288994/7	5.0	3.506133	25.0	161246.0	0.701227	Y
5	STD5 550-288994/8	10.0	6.9867	25.0	163915.0	0.69867	Y
6	STD6 550-288994/9	25.0	17.260649	25.0	152684.0	0.690426	Y
7	ICIS 550-288994/10	50.0	36.503122	25.0	140125.0	0.730062	Y
8	STD8 550-288994/11	75.0	50.479248	25.0	152635.0	0.673057	Y
9	STD9 550-288994/12	100.0	67.593406	25.0	151328.0	0.675934	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

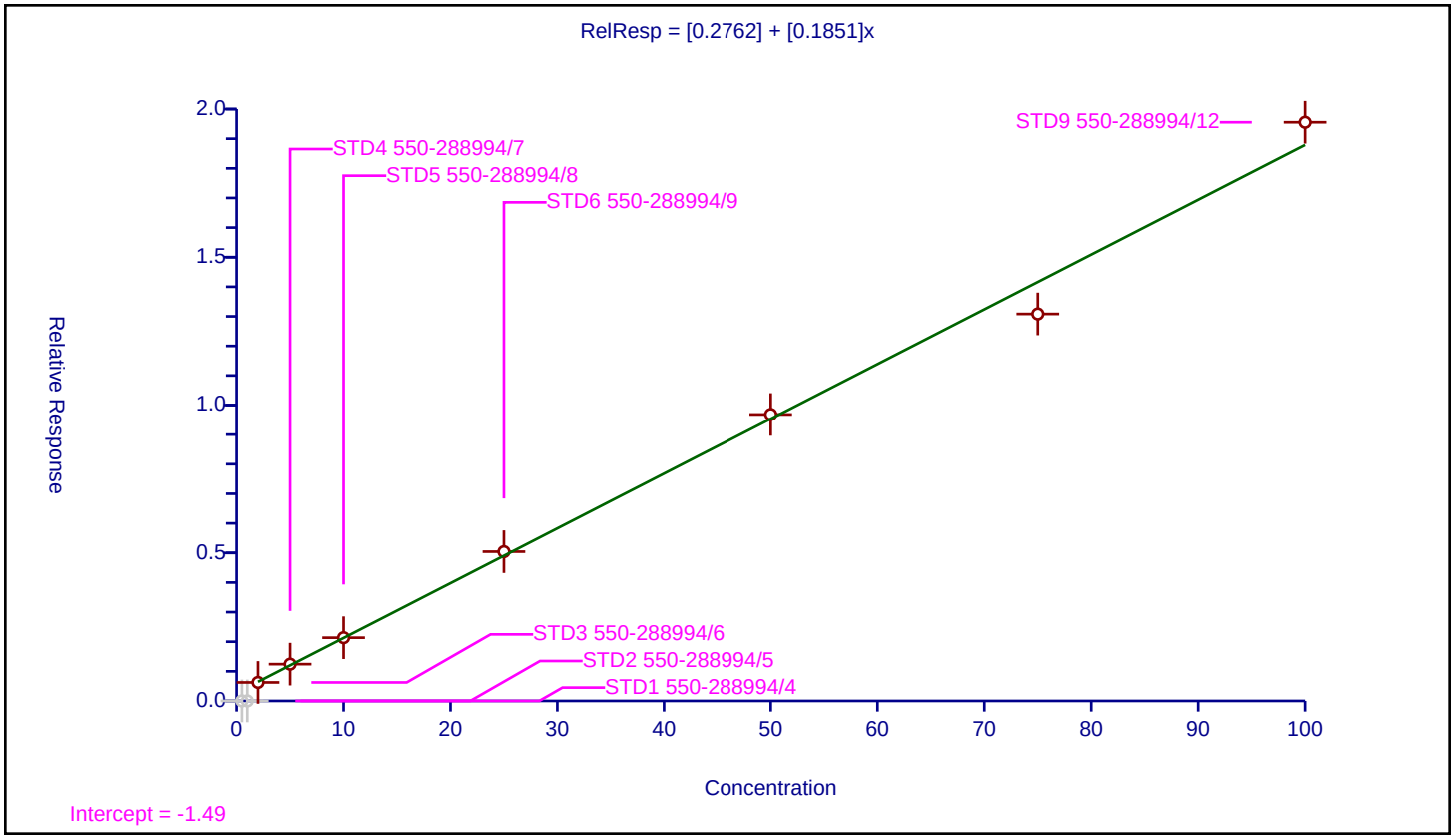
Curve Coefficients

Intercept:	0.2762
Slope:	0.1851

Error Coefficients

Standard Error:	43800
Relative Standard Error:	5.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.624972	25.0	66323.0	0.312486	Y
4	STD4 550-288994/7	5.0	1.242268	25.0	87944.0	0.248454	Y
5	STD5 550-288994/8	10.0	2.136446	25.0	93473.0	0.213645	Y
6	STD6 550-288994/9	25.0	5.043155	25.0	88402.0	0.201726	Y
7	ICIS 550-288994/10	50.0	9.682067	25.0	85710.0	0.193641	Y
8	STD8 550-288994/11	75.0	13.081252	25.0	95591.0	0.174417	Y
9	STD9 550-288994/12	100.0	19.554647	25.0	95632.0	0.195546	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

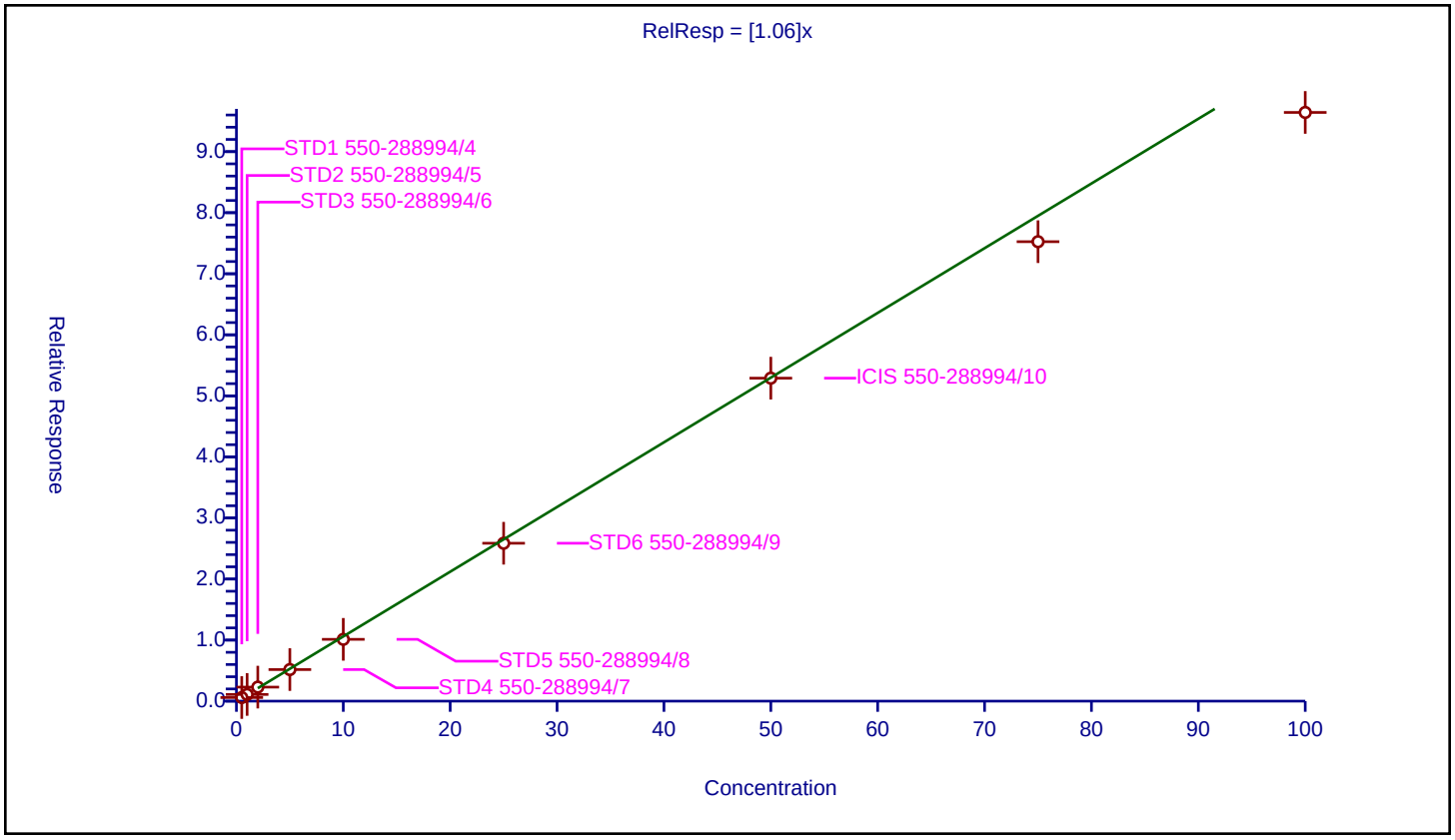
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Standard Error:	289000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.592596	25.0	128207.0	1.185193	Y
2	STD2 550-288994/5	1.0	1.097927	25.0	139604.0	1.097927	Y
3	STD3 550-288994/6	2.0	2.296403	25.0	132566.0	1.148202	Y
4	STD4 550-288994/7	5.0	5.171136	25.0	161246.0	1.034227	Y
5	STD5 550-288994/8	10.0	10.120337	25.0	163915.0	1.012034	Y
6	STD6 550-288994/9	25.0	25.86142	25.0	152684.0	1.034457	Y
7	ICIS 550-288994/10	50.0	52.899376	25.0	140125.0	1.057988	Y
8	STD8 550-288994/11	75.0	75.250762	25.0	152635.0	1.003343	Y
9	STD9 550-288994/12	100.0	96.418211	25.0	151328.0	0.964182	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

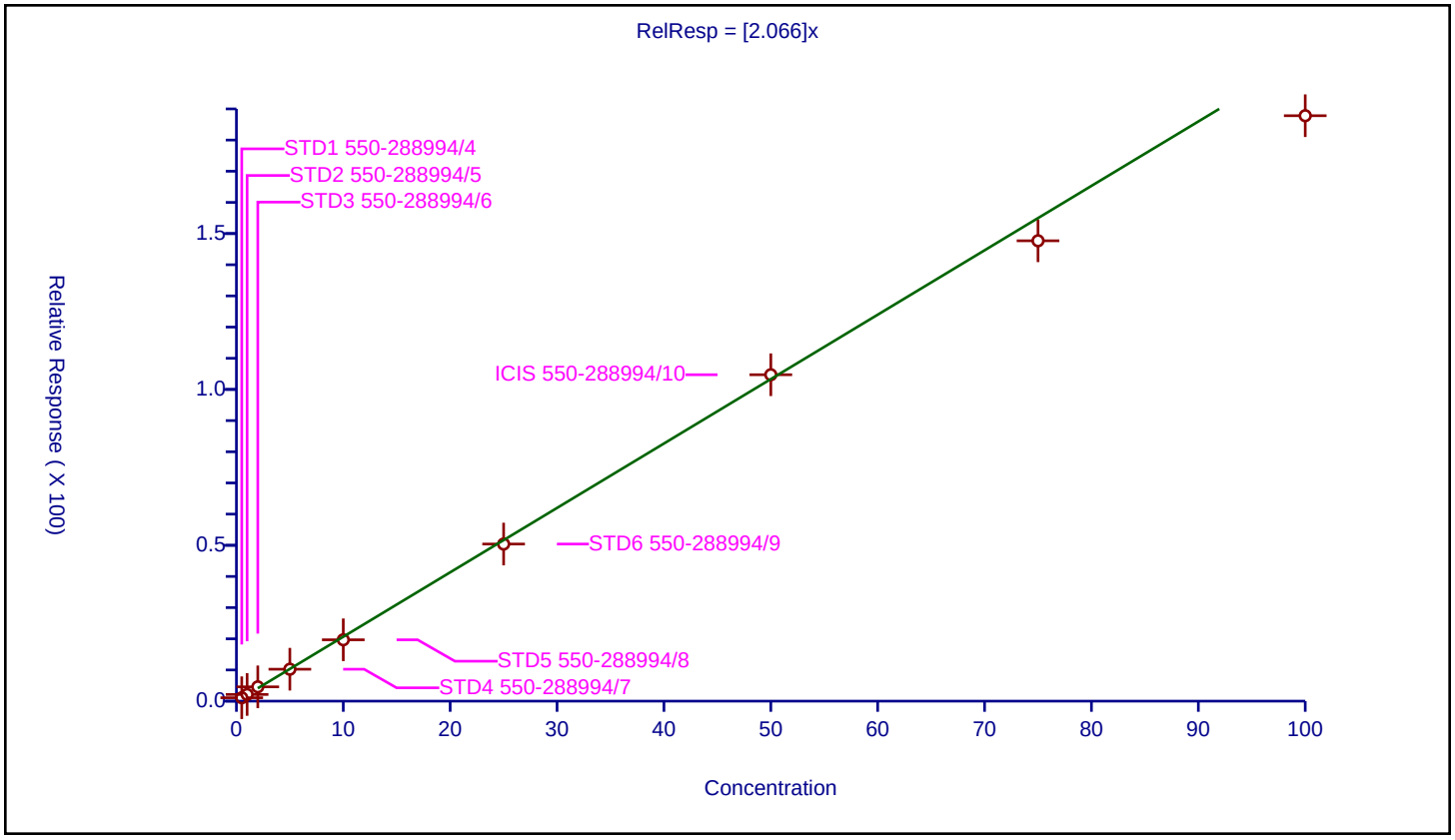
Curve Coefficients

Intercept:	0
Slope:	2.066

Error Coefficients

Standard Error:	566000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.091594	25.0	128207.0	2.183188	Y
2	STD2 550-288994/5	1.0	2.1441	25.0	139604.0	2.1441	Y
3	STD3 550-288994/6	2.0	4.587526	25.0	132566.0	2.293763	Y
4	STD4 550-288994/7	5.0	10.241649	25.0	161246.0	2.04833	Y
5	STD5 550-288994/8	10.0	19.685965	25.0	163915.0	1.968597	Y
6	STD6 550-288994/9	25.0	50.399354	25.0	152684.0	2.015974	Y
7	ICIS 550-288994/10	50.0	104.71686	25.0	140125.0	2.094337	Y
8	STD8 550-288994/11	75.0	147.688931	25.0	152635.0	1.969186	Y
9	STD9 550-288994/12	100.0	187.811244	25.0	151328.0	1.878112	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

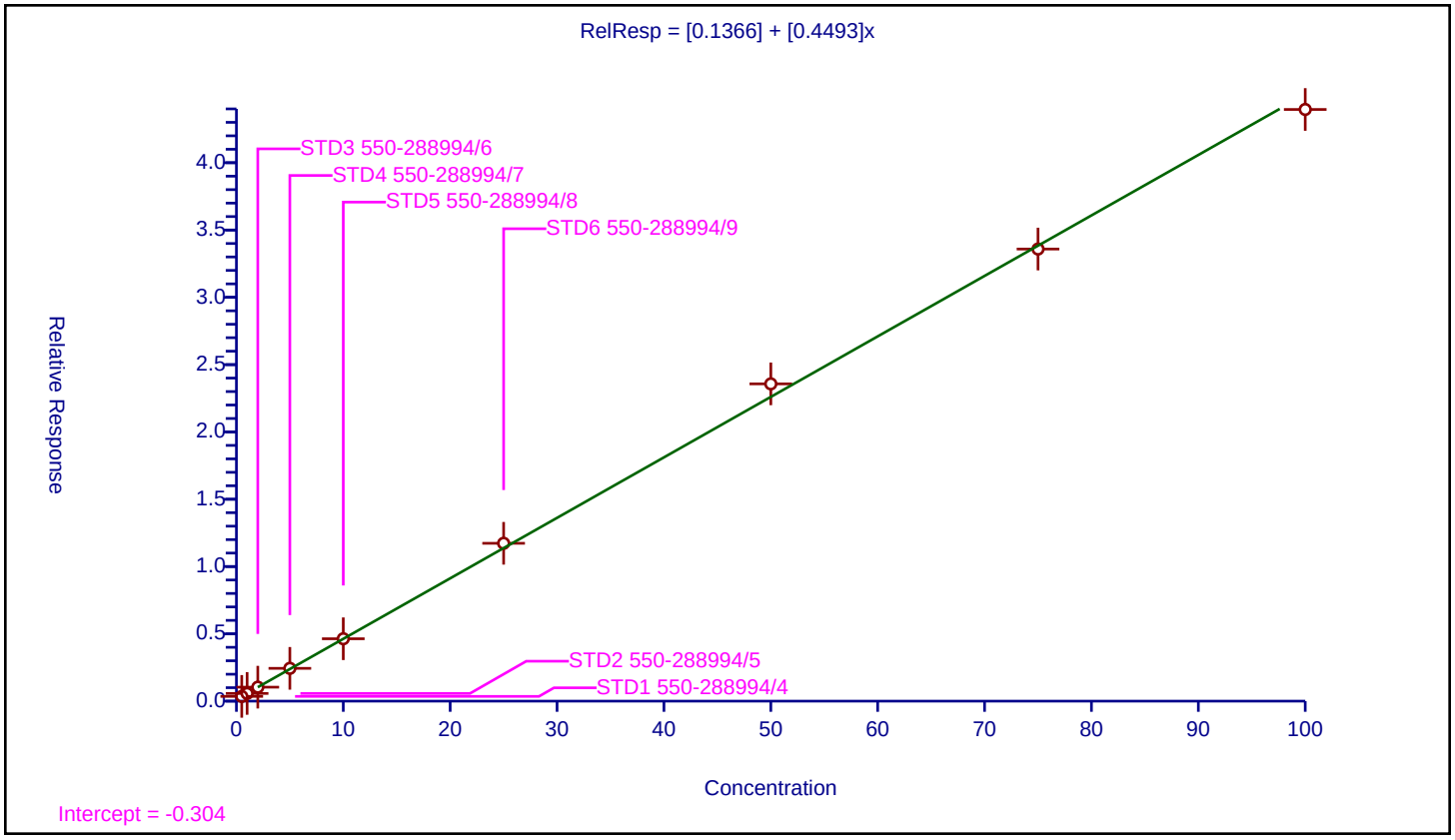
Curve Coefficients

Intercept:	0.1366
Slope:	0.4493

Error Coefficients

Standard Error:	140000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.35236	25.0	128207.0	0.70472	Y
2	STD2 550-288994/5	1.0	0.571975	25.0	139604.0	0.571975	Y
3	STD3 550-288994/6	2.0	1.037408	25.0	132566.0	0.518704	Y
4	STD4 550-288994/7	5.0	2.43758	25.0	161246.0	0.487516	Y
5	STD5 550-288994/8	10.0	4.635939	25.0	163915.0	0.463594	Y
6	STD6 550-288994/9	25.0	11.727653	25.0	152684.0	0.469106	Y
7	ICIS 550-288994/10	50.0	23.571097	25.0	140125.0	0.471422	Y
8	STD8 550-288994/11	75.0	33.587644	25.0	152635.0	0.447835	Y
9	STD9 550-288994/12	100.0	43.956835	25.0	151328.0	0.439568	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

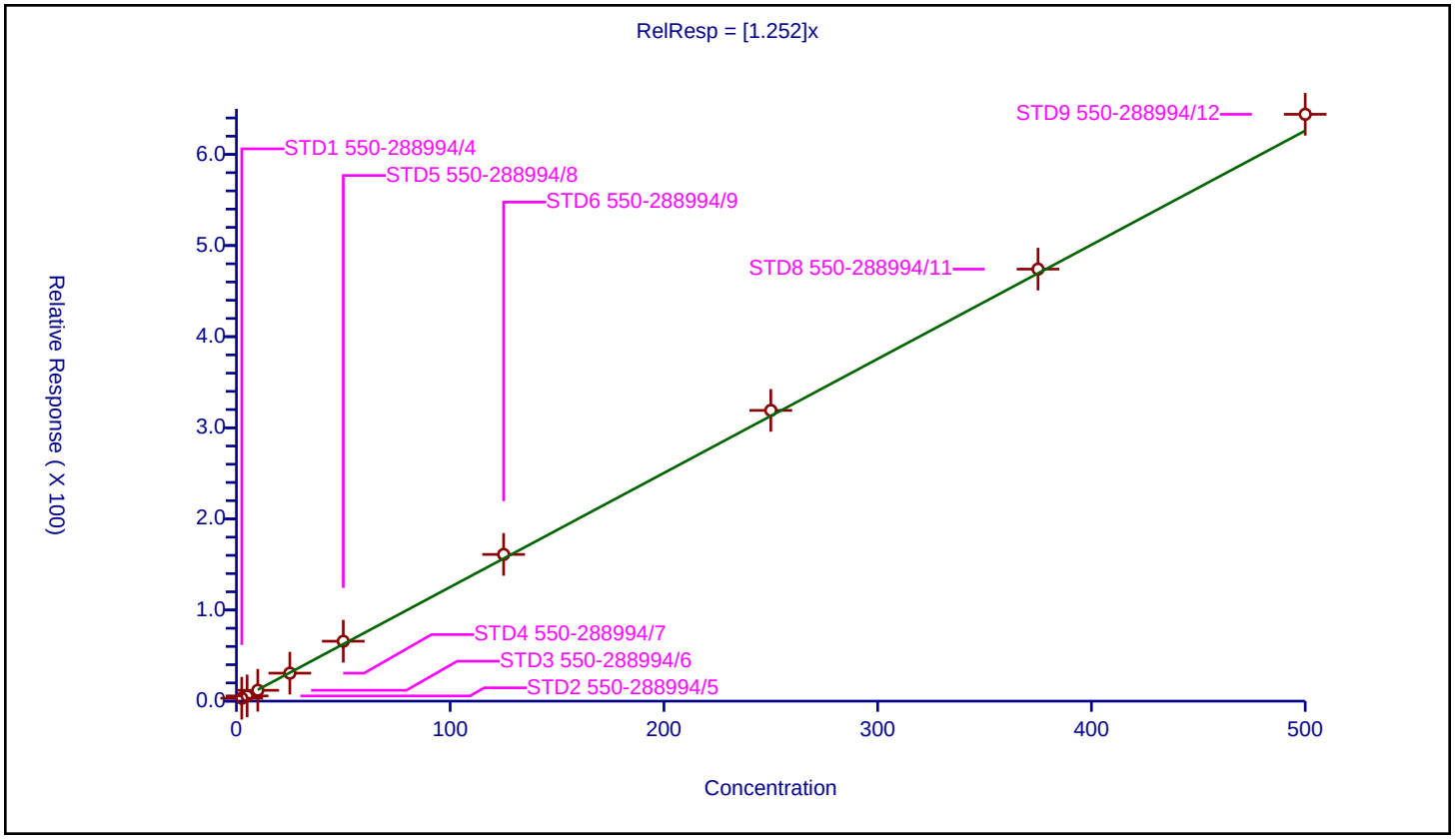
Curve Coefficients

Intercept:	0
Slope:	1.252

Error Coefficients

Standard Error:	78900
Relative Standard Error:	4.4
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	2.5	3.189357	200.0	46906.0	1.275743	Y
2	STD2 550-288994/5	5.0	5.706059	200.0	45846.0	1.141212	Y
3	STD3 550-288994/6	10.0	11.909961	200.0	50378.0	1.190996	Y
4	STD4 550-288994/7	25.0	30.709683	200.0	45471.0	1.228387	Y
5	STD5 550-288994/8	50.0	65.754717	200.0	44520.0	1.315094	Y
6	STD6 550-288994/9	125.0	161.024017	200.0	49882.0	1.288192	Y
7	ICIS 550-288994/10	250.0	319.111952	200.0	44412.0	1.276448	Y
8	STD8 550-288994/11	375.0	474.13363	200.0	44900.0	1.264356	Y
9	STD9 550-288994/12	500.0	644.062849	200.0	55498.0	1.288126	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

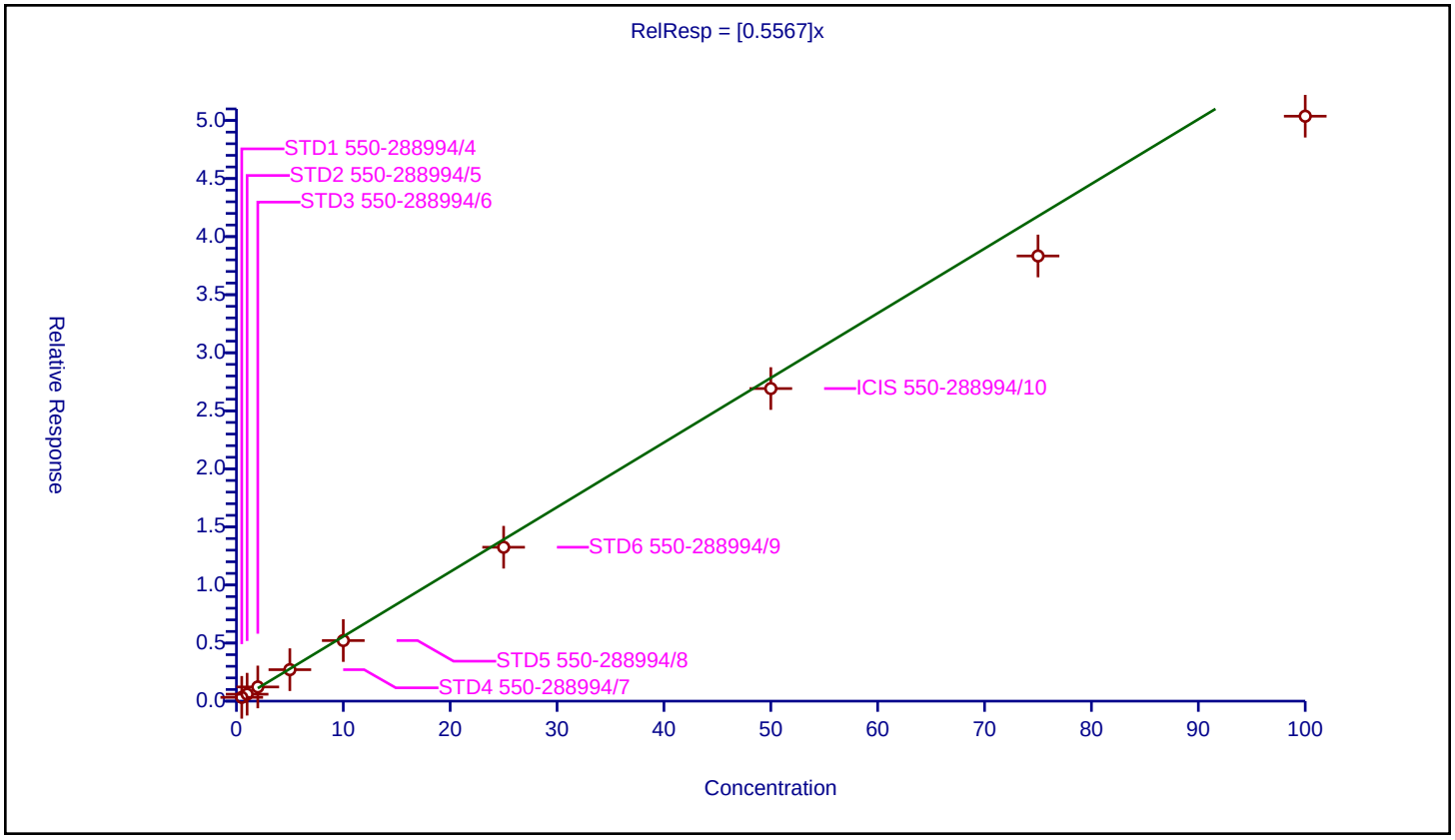
Curve Coefficients

Intercept:	0
Slope:	0.5567

Error Coefficients

Standard Error:	149000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.327205	25.0	128207.0	0.65441	Y
2	STD2 550-288994/5	1.0	0.598299	25.0	139604.0	0.598299	Y
3	STD3 550-288994/6	2.0	1.221844	25.0	132566.0	0.610922	Y
4	STD4 550-288994/7	5.0	2.7103	25.0	161246.0	0.54206	Y
5	STD5 550-288994/8	10.0	5.215661	25.0	163915.0	0.521566	Y
6	STD6 550-288994/9	25.0	13.252862	25.0	152684.0	0.530114	Y
7	ICIS 550-288994/10	50.0	26.917395	25.0	140125.0	0.538348	Y
8	STD8 550-288994/11	75.0	38.33508	25.0	152635.0	0.511134	Y
9	STD9 550-288994/12	100.0	50.370883	25.0	151328.0	0.503709	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

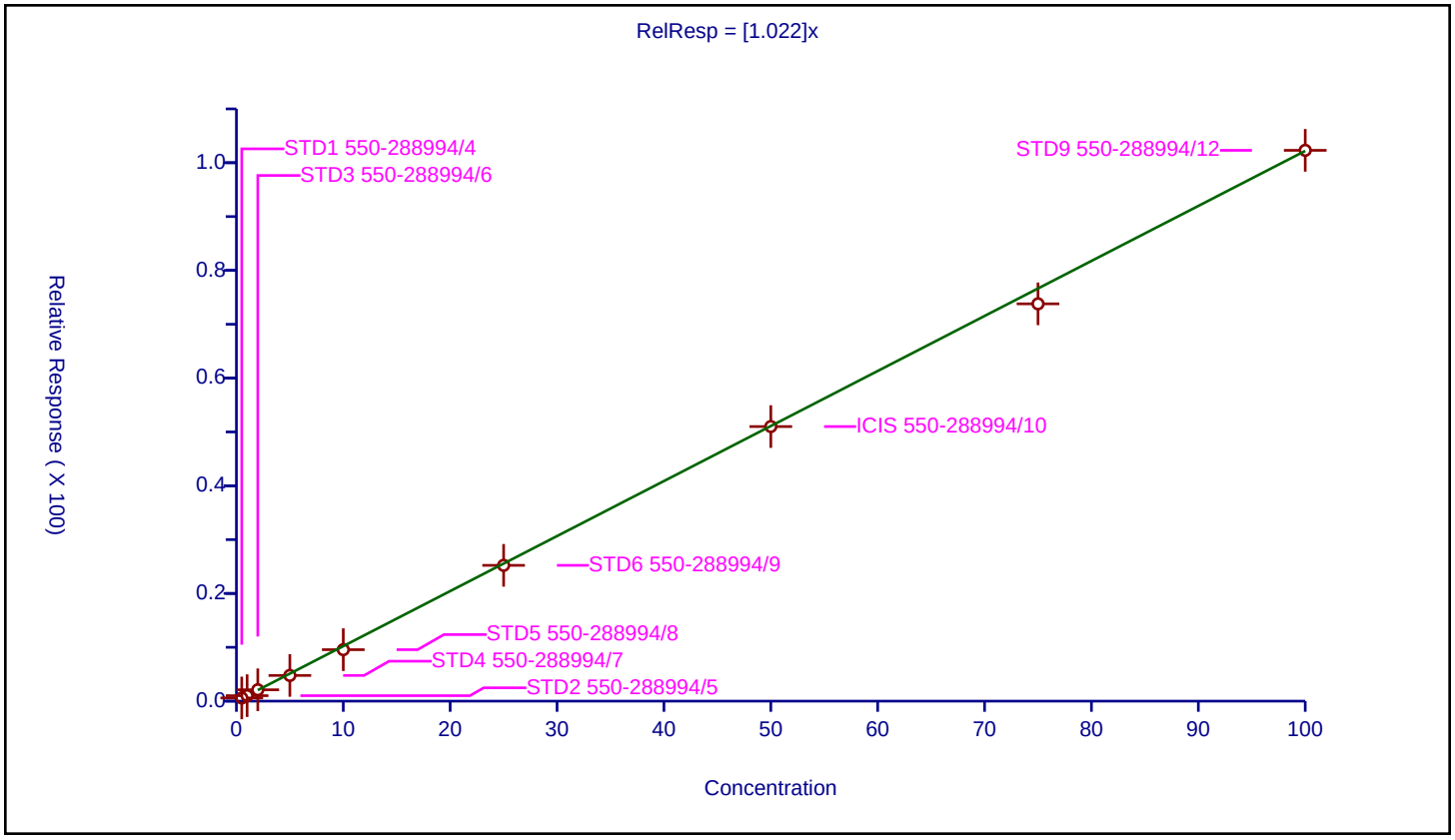
Curve Coefficients

Intercept:	0
Slope:	1.022

Error Coefficients

Standard Error:	295000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.589866	25.0	128207.0	1.179733	Y
2	STD2 550-288994/5	1.0	1.016088	25.0	139604.0	1.016088	Y
3	STD3 550-288994/6	2.0	2.112155	25.0	132566.0	1.056078	Y
4	STD4 550-288994/7	5.0	4.769731	25.0	161246.0	0.953946	Y
5	STD5 550-288994/8	10.0	9.55846	25.0	163915.0	0.955846	Y
6	STD6 550-288994/9	25.0	25.223501	25.0	152684.0	1.00894	Y
7	ICIS 550-288994/10	50.0	50.997859	25.0	140125.0	1.019957	Y
8	STD8 550-288994/11	75.0	73.795493	25.0	152635.0	0.98394	Y
9	STD9 550-288994/12	100.0	102.303605	25.0	151328.0	1.023036	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

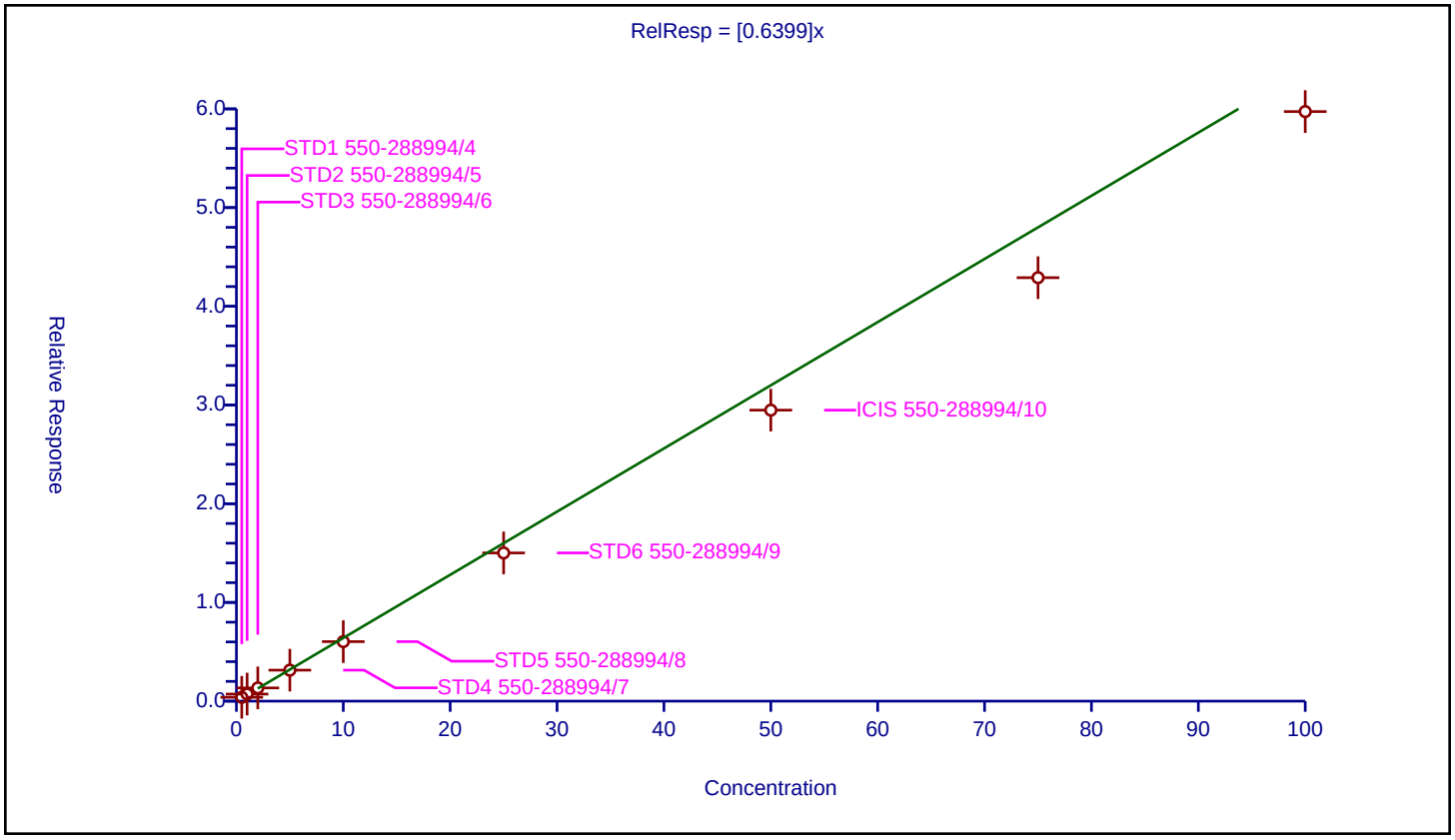
Curve Coefficients

Intercept:	0
Slope:	0.6399

Error Coefficients

Standard Error:	172000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.390969	25.0	128207.0	0.781939	Y
2	STD2 550-288994/5	1.0	0.717565	25.0	139604.0	0.717565	Y
3	STD3 550-288994/6	2.0	1.340087	25.0	132566.0	0.670044	Y
4	STD4 550-288994/7	5.0	3.138372	25.0	161246.0	0.627674	Y
5	STD5 550-288994/8	10.0	6.028429	25.0	163915.0	0.602843	Y
6	STD6 550-288994/9	25.0	15.013525	25.0	152684.0	0.600541	Y
7	ICIS 550-288994/10	50.0	29.480464	25.0	140125.0	0.589609	Y
8	STD8 550-288994/11	75.0	42.899728	25.0	152635.0	0.571996	Y
9	STD9 550-288994/12	100.0	59.728702	25.0	151328.0	0.597287	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

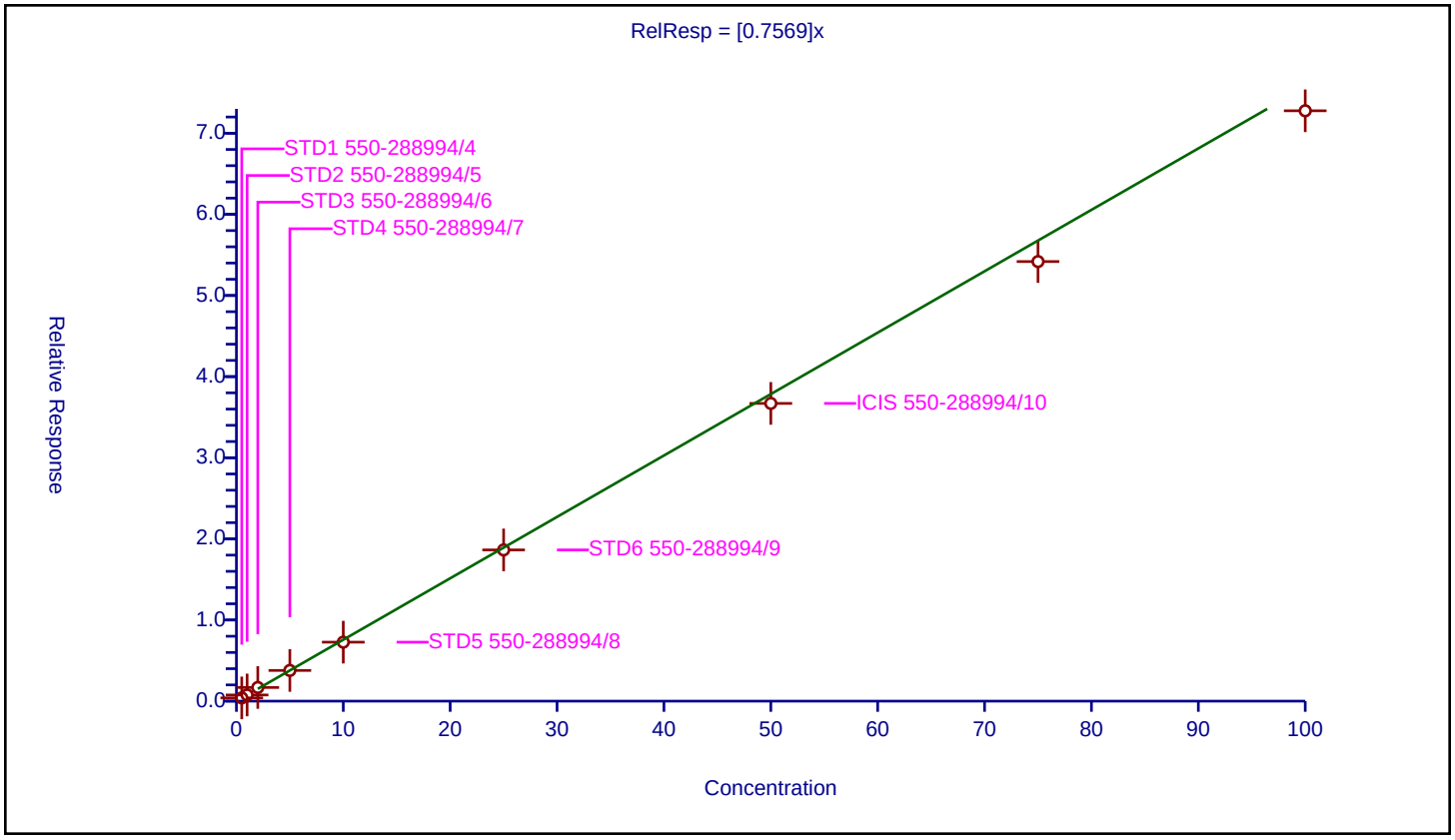
Curve Coefficients

Intercept:	0
Slope:	0.7569

Error Coefficients

Standard Error:	213000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.398769	25.0	128207.0	0.797538	Y
2	STD2 550-288994/5	1.0	0.759291	25.0	139604.0	0.759291	Y
3	STD3 550-288994/6	2.0	1.684067	25.0	132566.0	0.842033	Y
4	STD4 550-288994/7	5.0	3.7849	25.0	161246.0	0.75698	Y
5	STD5 550-288994/8	10.0	7.270079	25.0	163915.0	0.727008	Y
6	STD6 550-288994/9	25.0	18.638168	25.0	152684.0	0.745527	Y
7	ICIS 550-288994/10	50.0	36.697948	25.0	140125.0	0.733959	Y
8	STD8 550-288994/11	75.0	54.181708	25.0	152635.0	0.722423	Y
9	STD9 550-288994/12	100.0	72.768093	25.0	151328.0	0.727681	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

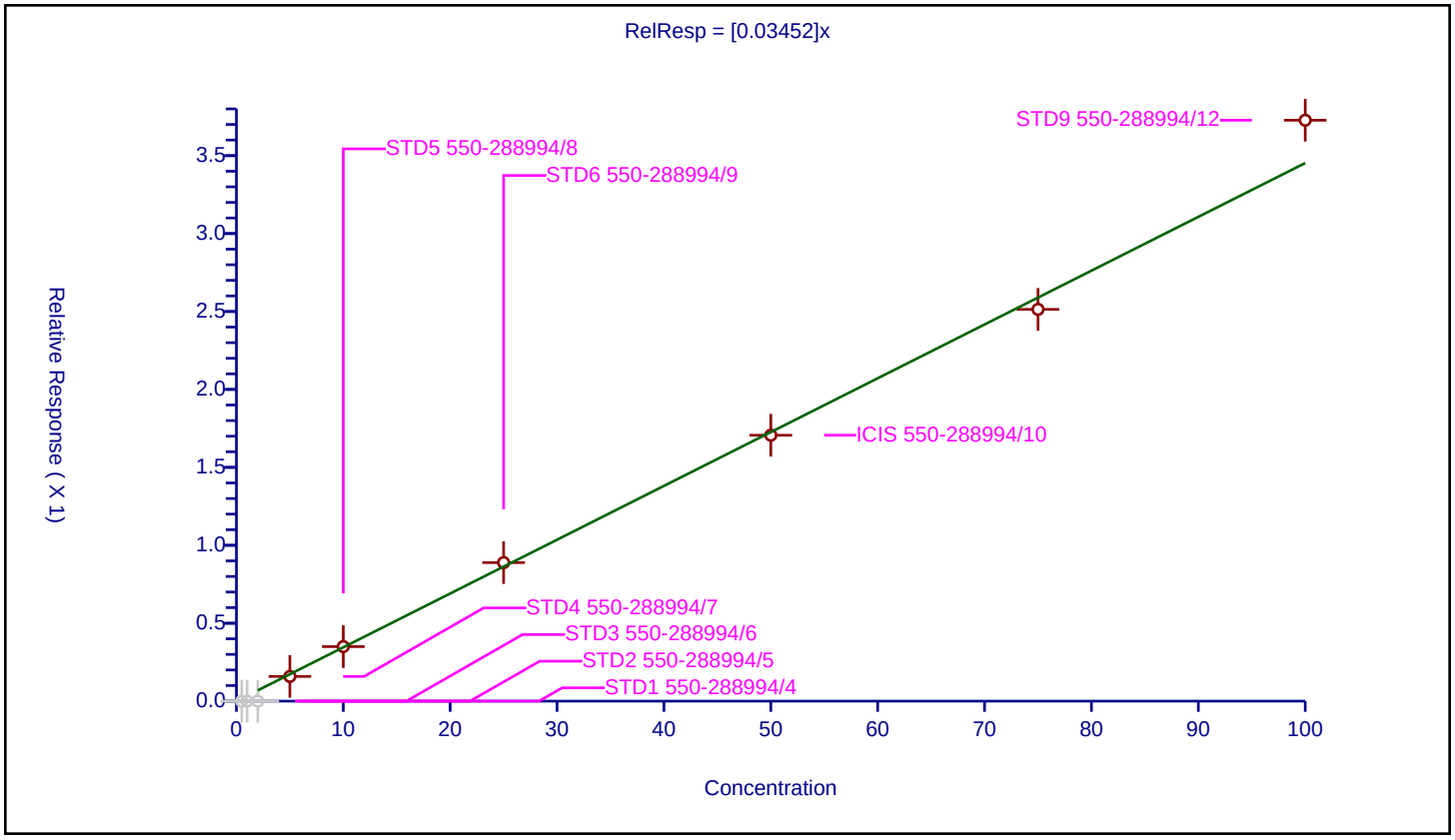
Curve Coefficients

Intercept:	0
Slope:	0.03452

Error Coefficients

Standard Error:	13200
Relative Standard Error:	5.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	128207.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	139604.0	0.0	N
3	STD3 550-288994/6	2.0	0.0	25.0	132566.0	0.0	N
4	STD4 550-288994/7	5.0	0.158454	25.0	161246.0	0.031691	Y
5	STD5 550-288994/8	10.0	0.349876	25.0	163915.0	0.034988	Y
6	STD6 550-288994/9	25.0	0.888927	25.0	152684.0	0.035557	Y
7	ICIS 550-288994/10	50.0	1.706155	25.0	140125.0	0.034123	Y
8	STD8 550-288994/11	75.0	2.513676	25.0	152635.0	0.033516	Y
9	STD9 550-288994/12	100.0	3.727169	25.0	151328.0	0.037272	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

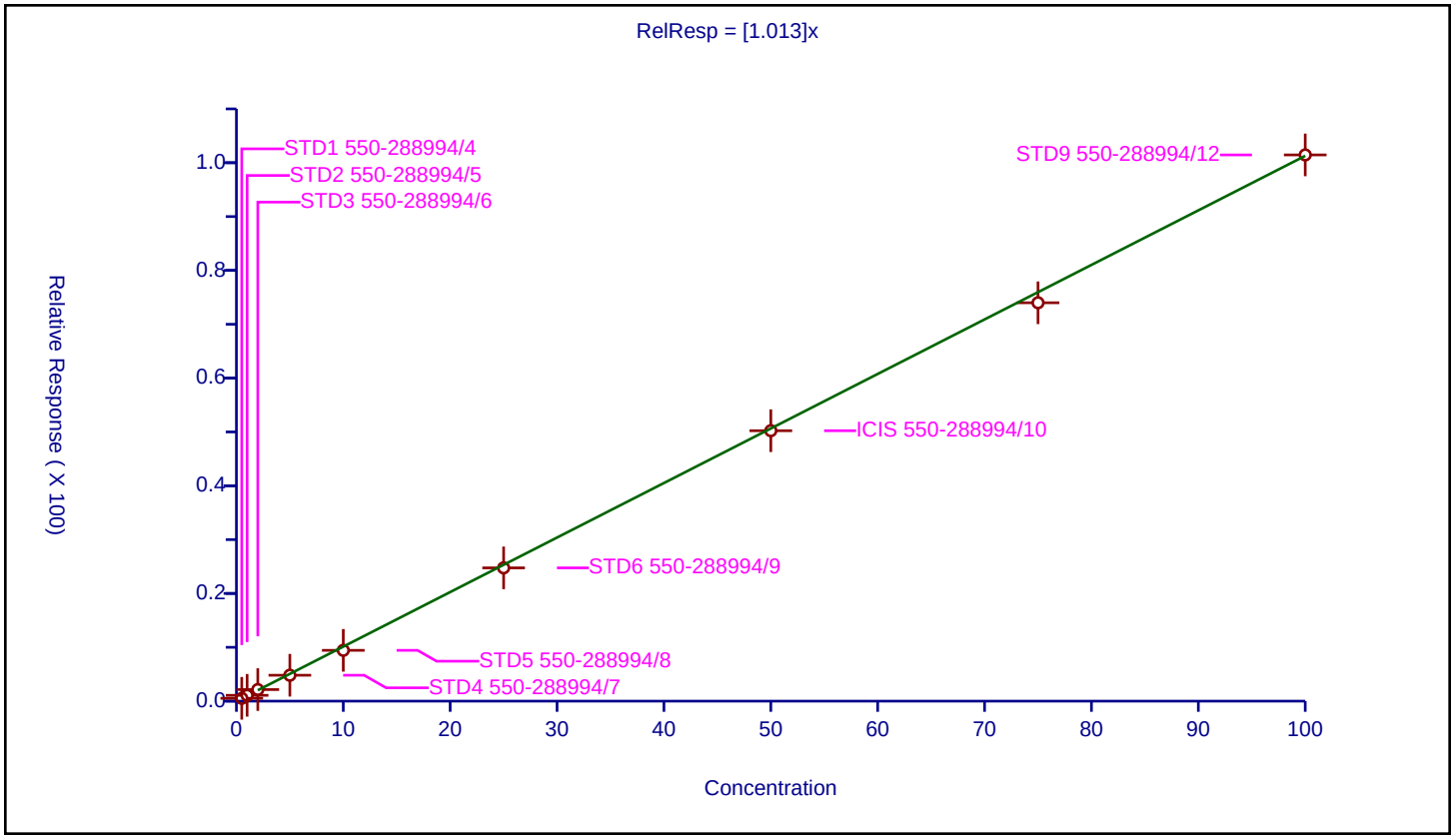
Curve Coefficients

Intercept:	0
Slope:	1.013

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.528247	25.0	128207.0	1.056495	Y
2	STD2 550-288994/5	1.0	1.082168	25.0	139604.0	1.082168	Y
3	STD3 550-288994/6	2.0	2.149307	25.0	132566.0	1.074653	Y
4	STD4 550-288994/7	5.0	4.810972	25.0	161246.0	0.962194	Y
5	STD5 550-288994/8	10.0	9.438276	25.0	163915.0	0.943828	Y
6	STD6 550-288994/9	25.0	24.75243	25.0	152684.0	0.990097	Y
7	ICIS 550-288994/10	50.0	50.22587	25.0	140125.0	1.004517	Y
8	STD8 550-288994/11	75.0	73.991876	25.0	152635.0	0.986558	Y
9	STD9 550-288994/12	100.0	101.452639	25.0	151328.0	1.014526	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

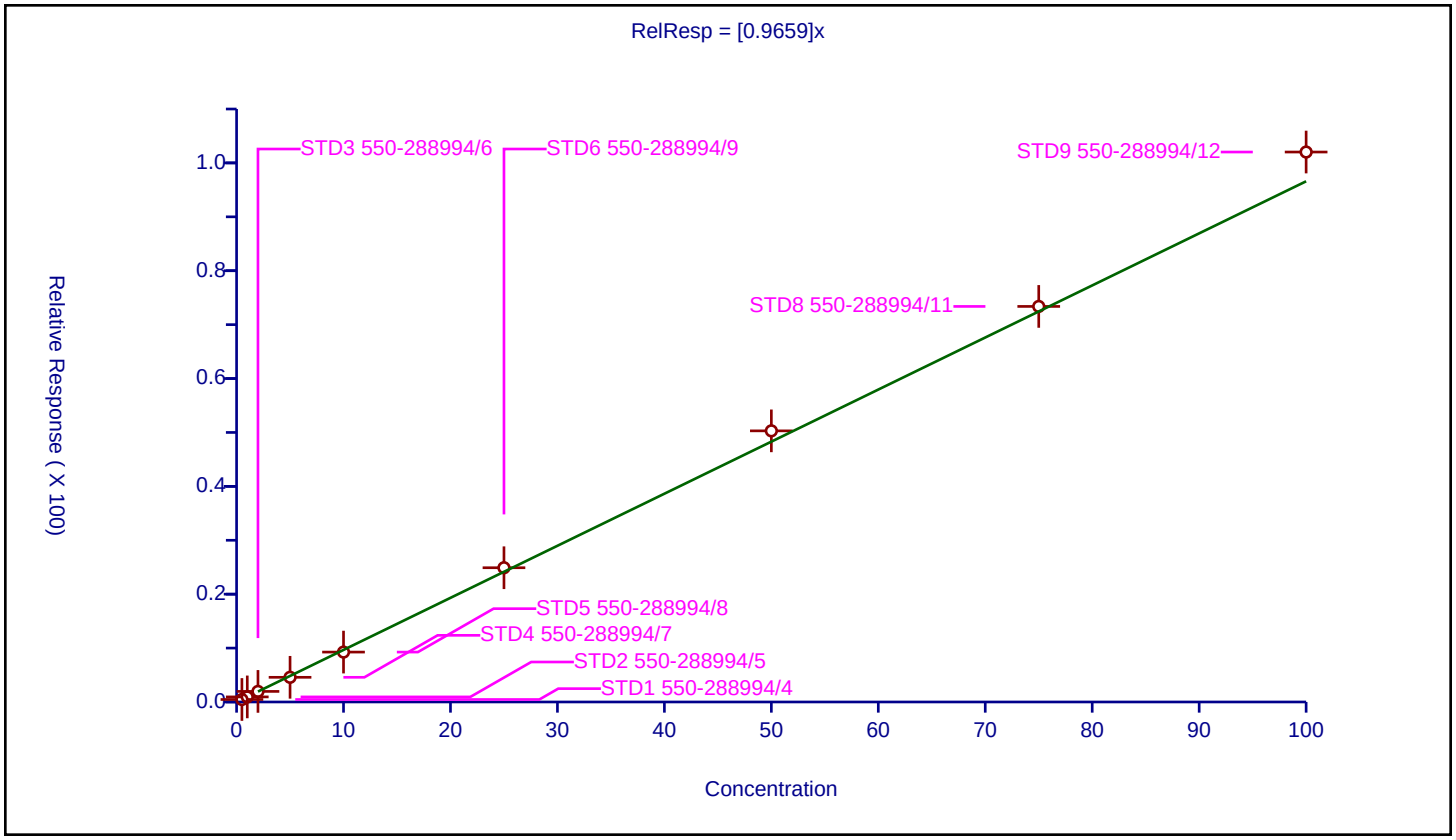
Curve Coefficients

Intercept:	0
Slope:	0.9659

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.463898	25.0	128207.0	0.927796	Y
2	STD2 550-288994/5	1.0	0.941771	25.0	139604.0	0.941771	Y
3	STD3 550-288994/6	2.0	1.963362	25.0	132566.0	0.981681	Y
4	STD4 550-288994/7	5.0	4.577478	25.0	161246.0	0.915496	Y
5	STD5 550-288994/8	10.0	9.257084	25.0	163915.0	0.925708	Y
6	STD6 550-288994/9	25.0	24.903232	25.0	152684.0	0.996129	Y
7	ICIS 550-288994/10	50.0	50.297591	25.0	140125.0	1.005952	Y
8	STD8 550-288994/11	75.0	73.377174	25.0	152635.0	0.978362	Y
9	STD9 550-288994/12	100.0	102.019289	25.0	151328.0	1.020193	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

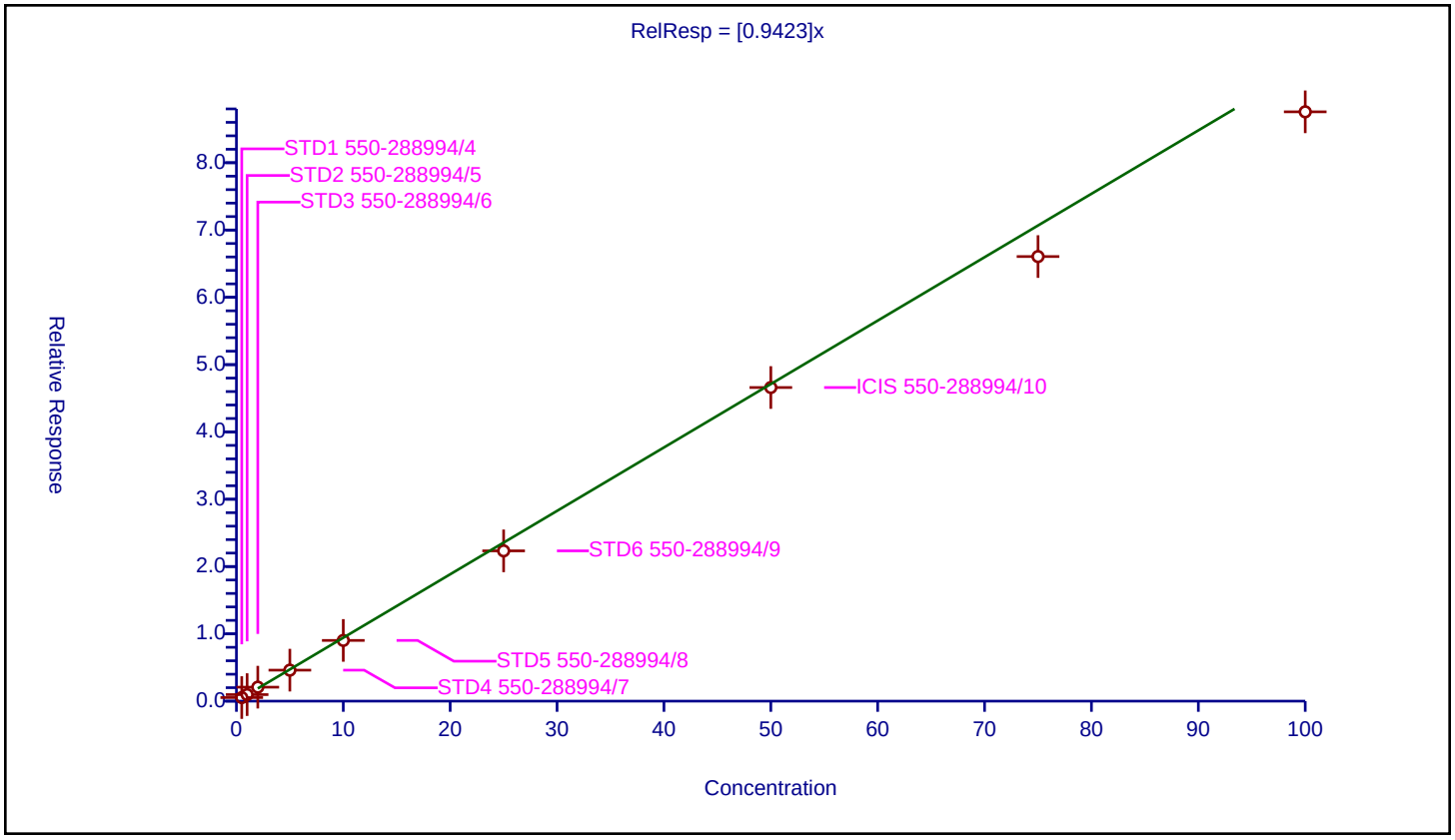
Curve Coefficients

Intercept:	0
Slope:	0.9423

Error Coefficients

Standard Error:	259000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.532147	25.0	128207.0	1.064294	Y
2	STD2 550-288994/5	1.0	0.973289	25.0	139604.0	0.973289	Y
3	STD3 550-288994/6	2.0	2.076513	25.0	132566.0	1.038256	Y
4	STD4 550-288994/7	5.0	4.604765	25.0	161246.0	0.920953	Y
5	STD5 550-288994/8	10.0	9.022359	25.0	163915.0	0.902236	Y
6	STD6 550-288994/9	25.0	22.329288	25.0	152684.0	0.893172	Y
7	ICIS 550-288994/10	50.0	46.601963	25.0	140125.0	0.932039	Y
8	STD8 550-288994/11	75.0	66.058407	25.0	152635.0	0.880779	Y
9	STD9 550-288994/12	100.0	87.56476	25.0	151328.0	0.875648	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

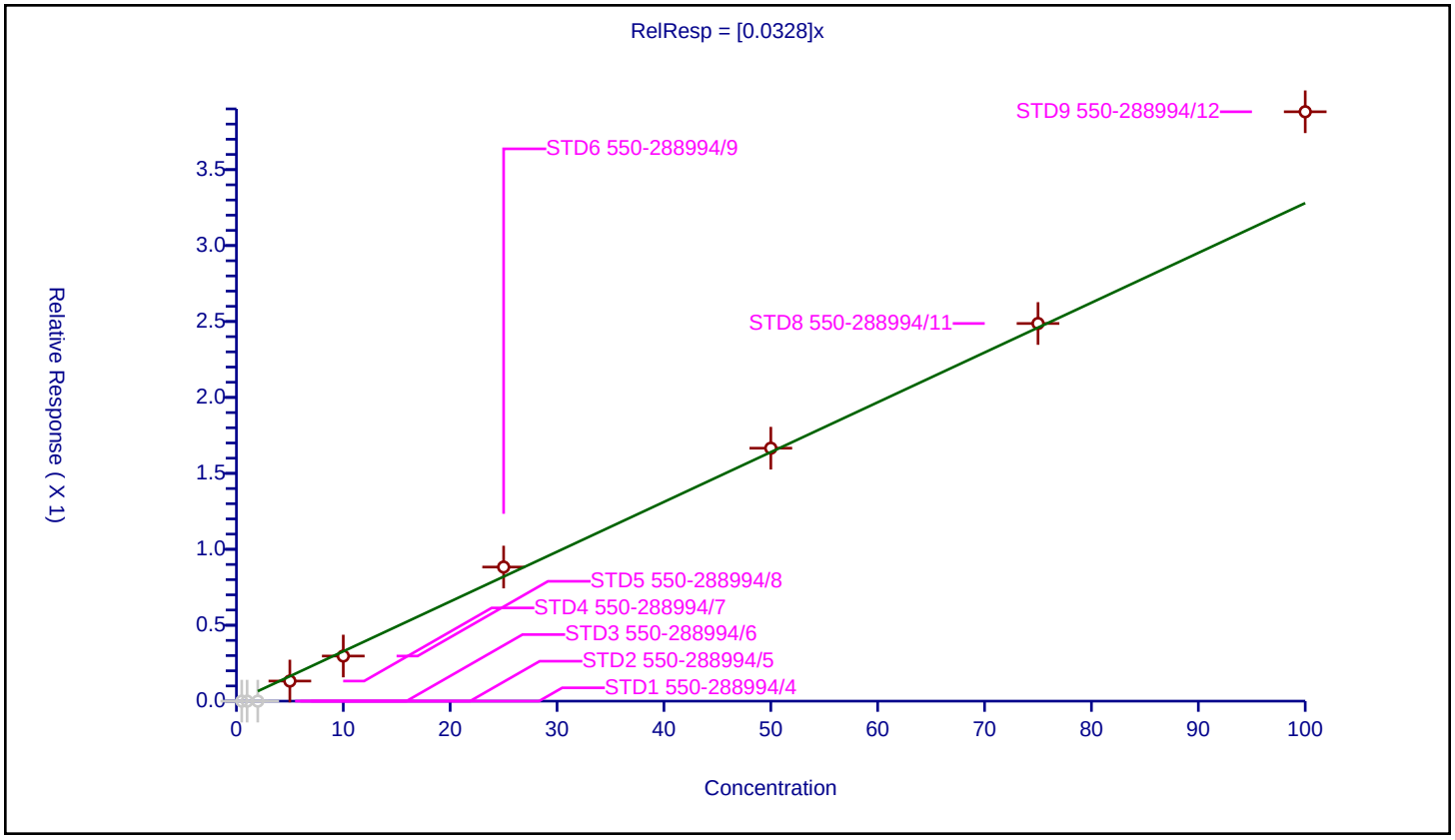
Curve Coefficients

Intercept:	0
Slope:	0.0328

Error Coefficients

Standard Error:	13400
Relative Standard Error:	13.1
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	128207.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	139604.0	0.0	N
3	STD3 550-288994/6	2.0	0.0	25.0	132566.0	0.0	N
4	STD4 550-288994/7	5.0	0.132406	25.0	161246.0	0.026481	Y
5	STD5 550-288994/8	10.0	0.296953	25.0	163915.0	0.029695	Y
6	STD6 550-288994/9	25.0	0.883033	25.0	152684.0	0.035321	Y
7	ICIS 550-288994/10	50.0	1.665656	25.0	140125.0	0.033313	Y
8	STD8 550-288994/11	75.0	2.486979	25.0	152635.0	0.03316	Y
9	STD9 550-288994/12	100.0	3.881139	25.0	151328.0	0.038811	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

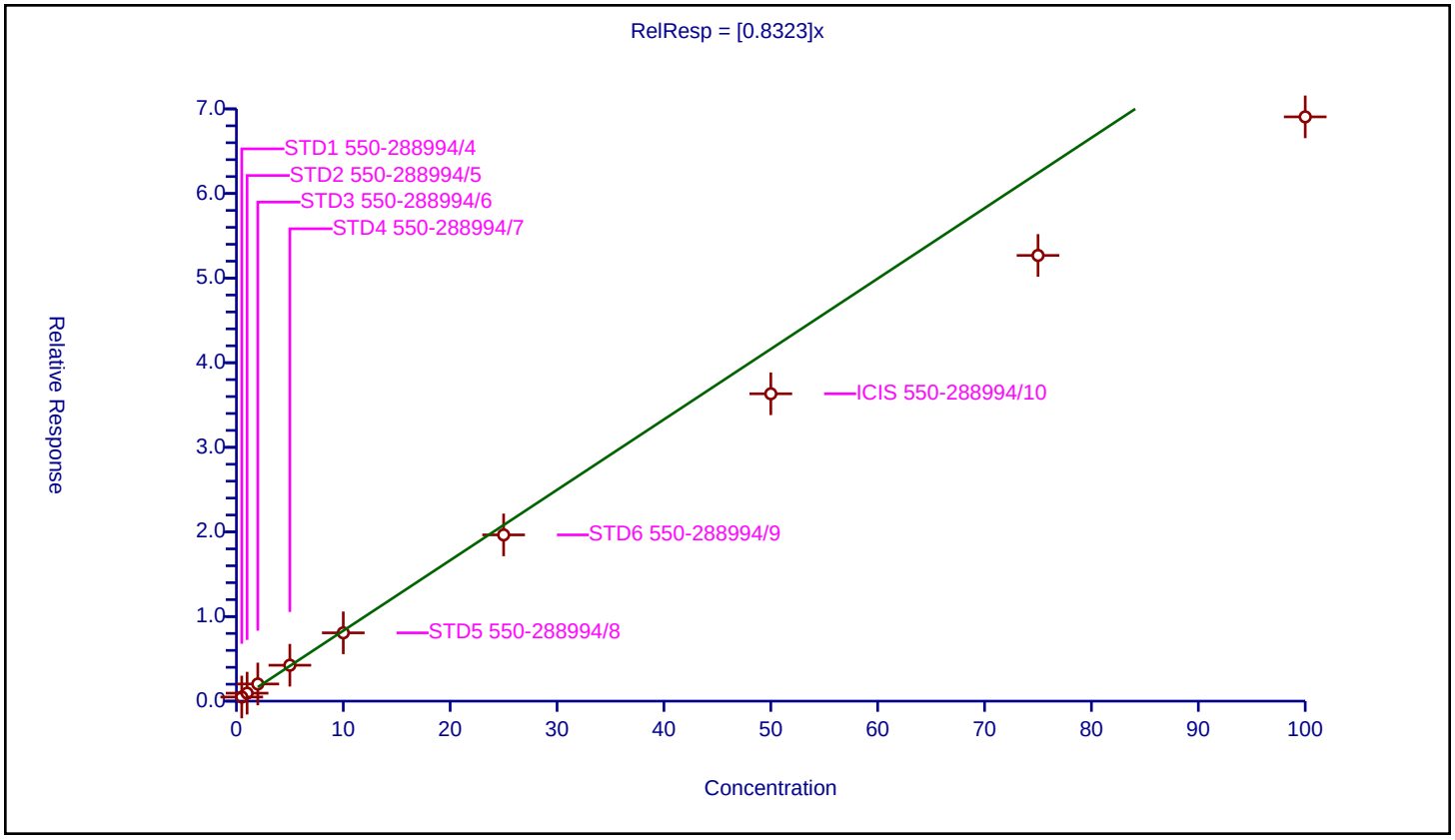
Curve Coefficients

Intercept:	0
Slope:	0.8323

Error Coefficients

Standard Error:	128000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.486999	25.0	68532.0	0.973998	Y
2	STD2 550-288994/5	1.0	0.941408	25.0	70692.0	0.941408	Y
3	STD3 550-288994/6	2.0	2.027577	25.0	66323.0	1.013789	Y
4	STD4 550-288994/7	5.0	4.245315	25.0	87944.0	0.849063	Y
5	STD5 550-288994/8	10.0	8.072117	25.0	93473.0	0.807212	Y
6	STD6 550-288994/9	25.0	19.650574	25.0	88402.0	0.786023	Y
7	ICIS 550-288994/10	50.0	36.330067	25.0	85710.0	0.726601	Y
8	STD8 550-288994/11	75.0	52.678599	25.0	95591.0	0.702381	Y
9	STD9 550-288994/12	100.0	69.057167	25.0	95632.0	0.690572	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

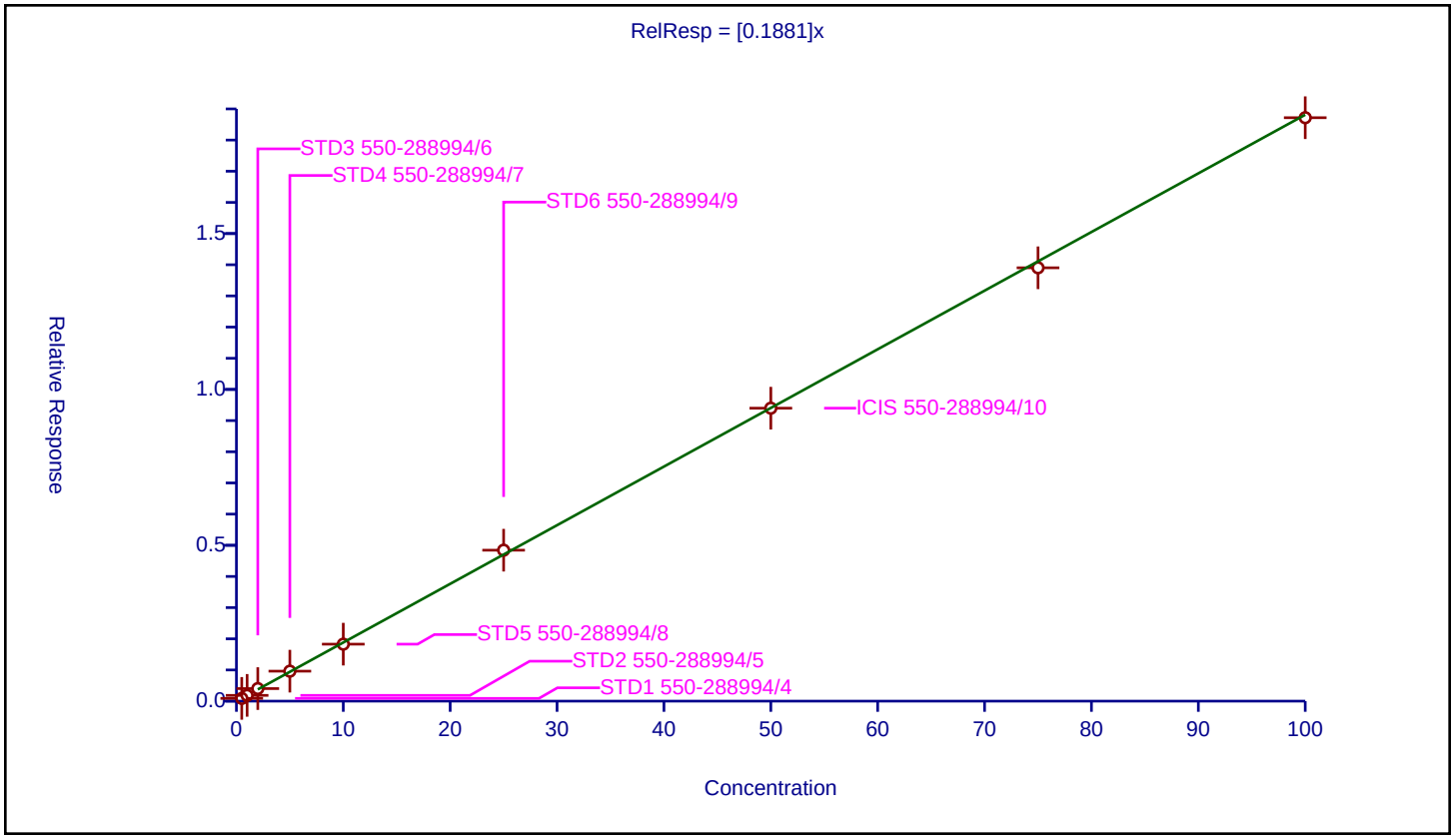
Curve Coefficients

Intercept:	0
Slope:	0.1881

Error Coefficients

Standard Error:	54600
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.088724	25.0	128207.0	0.177447	Y
2	STD2 550-288994/5	1.0	0.184808	25.0	139604.0	0.184808	Y
3	STD3 550-288994/6	2.0	0.403007	25.0	132566.0	0.201503	Y
4	STD4 550-288994/7	5.0	0.961884	25.0	161246.0	0.192377	Y
5	STD5 550-288994/8	10.0	1.827777	25.0	163915.0	0.182778	Y
6	STD6 550-288994/9	25.0	4.842682	25.0	152684.0	0.193707	Y
7	ICIS 550-288994/10	50.0	9.398216	25.0	140125.0	0.187964	Y
8	STD8 550-288994/11	75.0	13.901956	25.0	152635.0	0.185359	Y
9	STD9 550-288994/12	100.0	18.71729	25.0	151328.0	0.187173	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

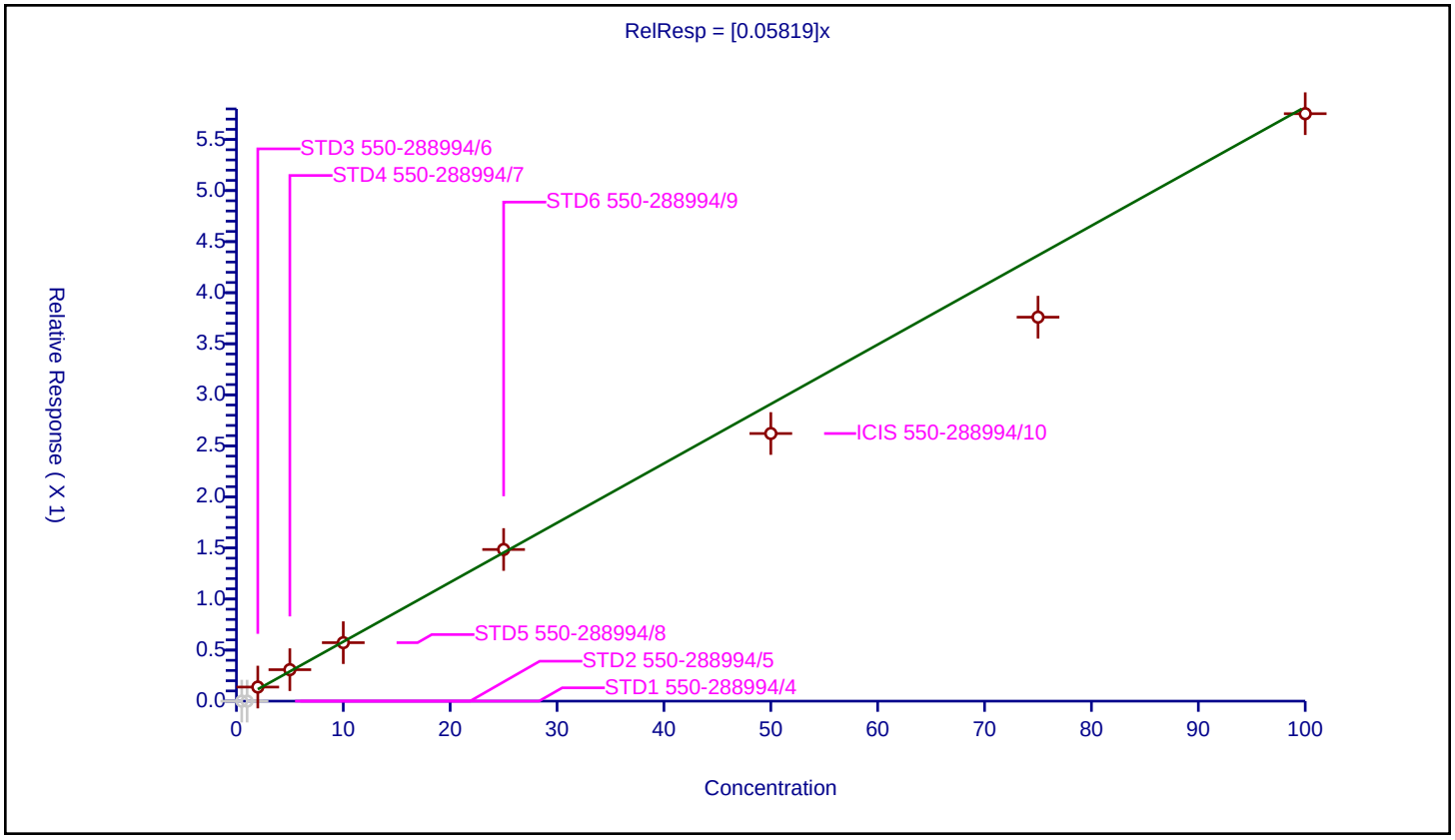
Curve Coefficients

Intercept:	0
Slope:	0.05819

Error Coefficients

Standard Error:	11600
Relative Standard Error:	10.6
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.137961	25.0	66323.0	0.068981	Y
4	STD4 550-288994/7	5.0	0.308151	25.0	87944.0	0.06163	Y
5	STD5 550-288994/8	10.0	0.572625	25.0	93473.0	0.057263	Y
6	STD6 550-288994/9	25.0	1.484978	25.0	88402.0	0.059399	Y
7	ICIS 550-288994/10	50.0	2.621048	25.0	85710.0	0.052421	Y
8	STD8 550-288994/11	75.0	3.760291	25.0	95591.0	0.050137	Y
9	STD9 550-288994/12	100.0	5.753043	25.0	95632.0	0.05753	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

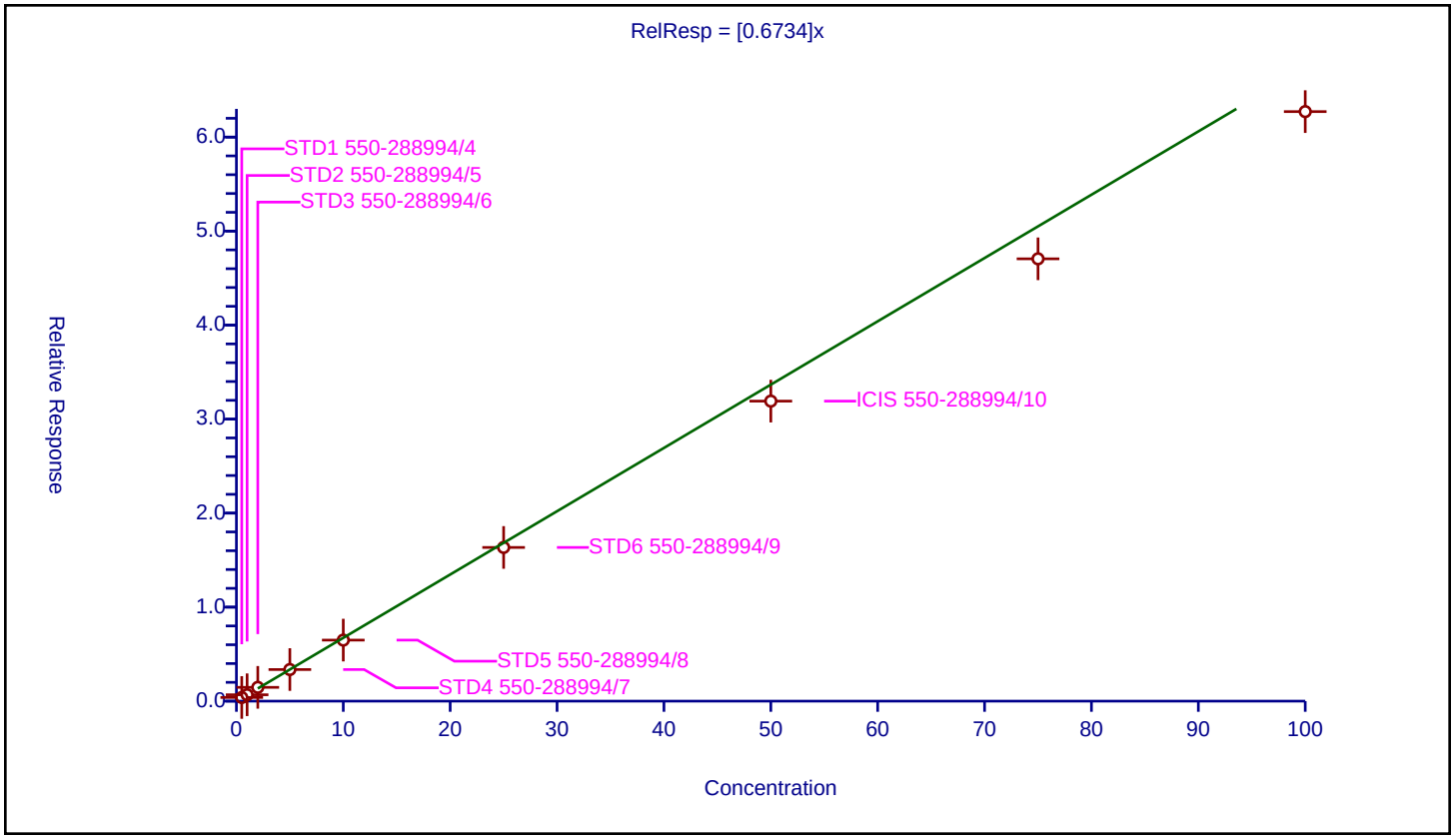
Curve Coefficients

Intercept:	0
Slope:	0.6734

Error Coefficients

Standard Error:	184000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.390774	25.0	128207.0	0.781549	Y
2	STD2 550-288994/5	1.0	0.677631	25.0	139604.0	0.677631	Y
3	STD3 550-288994/6	2.0	1.465874	25.0	132566.0	0.732937	Y
4	STD4 550-288994/7	5.0	3.360859	25.0	161246.0	0.672172	Y
5	STD5 550-288994/8	10.0	6.493152	25.0	163915.0	0.649315	Y
6	STD6 550-288994/9	25.0	16.347489	25.0	152684.0	0.6539	Y
7	ICIS 550-288994/10	50.0	31.915076	25.0	140125.0	0.638302	Y
8	STD8 550-288994/11	75.0	47.052118	25.0	152635.0	0.627362	Y
9	STD9 550-288994/12	100.0	62.709644	25.0	151328.0	0.627096	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

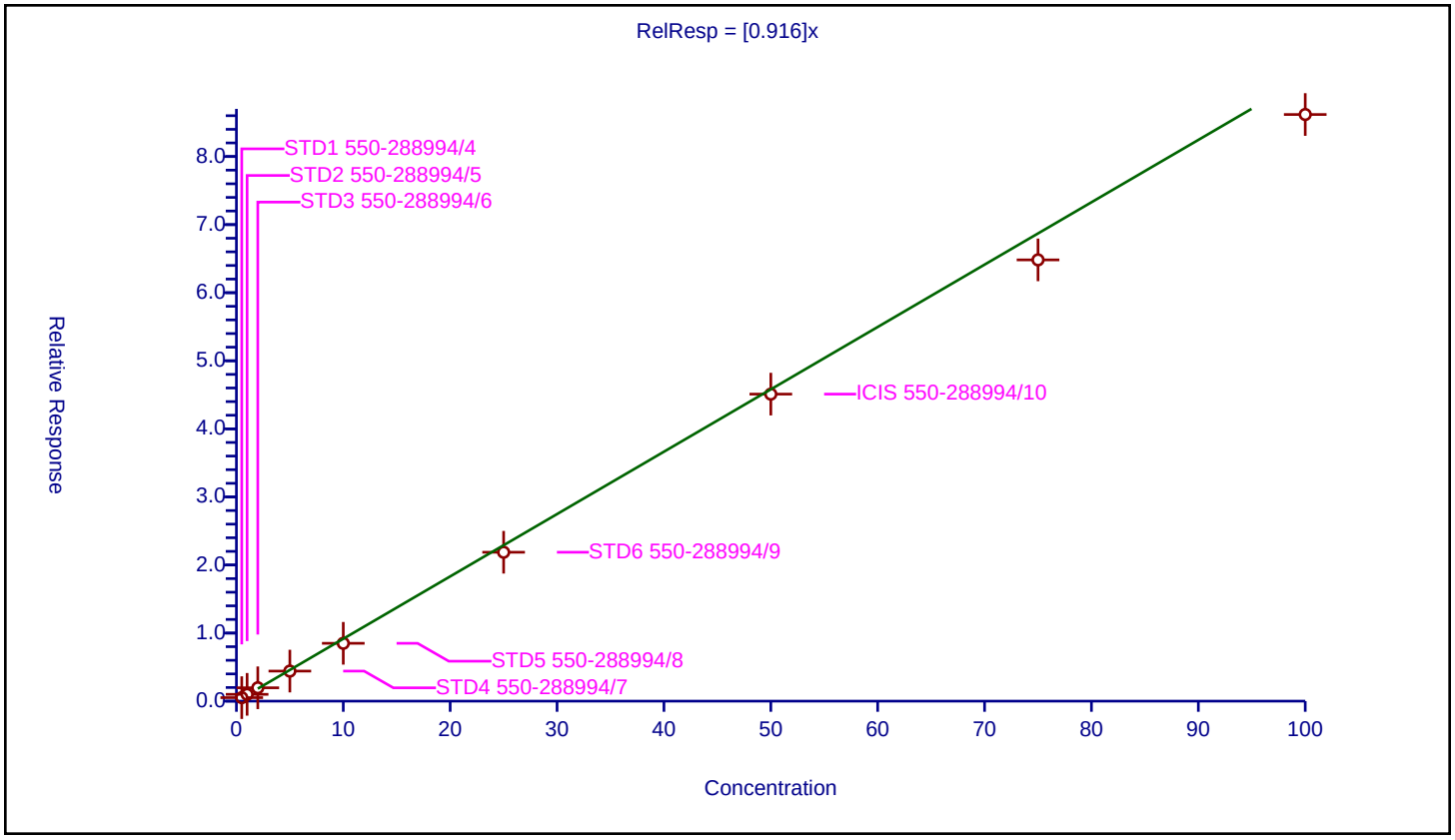
Curve Coefficients

Intercept:	0
Slope:	0.916

Error Coefficients

Standard Error:	254000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.514597	25.0	128207.0	1.029195	Y
2	STD2 550-288994/5	1.0	0.999434	25.0	139604.0	0.999434	Y
3	STD3 550-288994/6	2.0	1.960344	25.0	132566.0	0.980172	Y
4	STD4 550-288994/7	5.0	4.413753	25.0	161246.0	0.882751	Y
5	STD5 550-288994/8	10.0	8.496934	25.0	163915.0	0.849693	Y
6	STD6 550-288994/9	25.0	21.873772	25.0	152684.0	0.874951	Y
7	ICIS 550-288994/10	50.0	45.099554	25.0	140125.0	0.901991	Y
8	STD8 550-288994/11	75.0	64.821961	25.0	152635.0	0.864293	Y
9	STD9 550-288994/12	100.0	86.175229	25.0	151328.0	0.861752	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

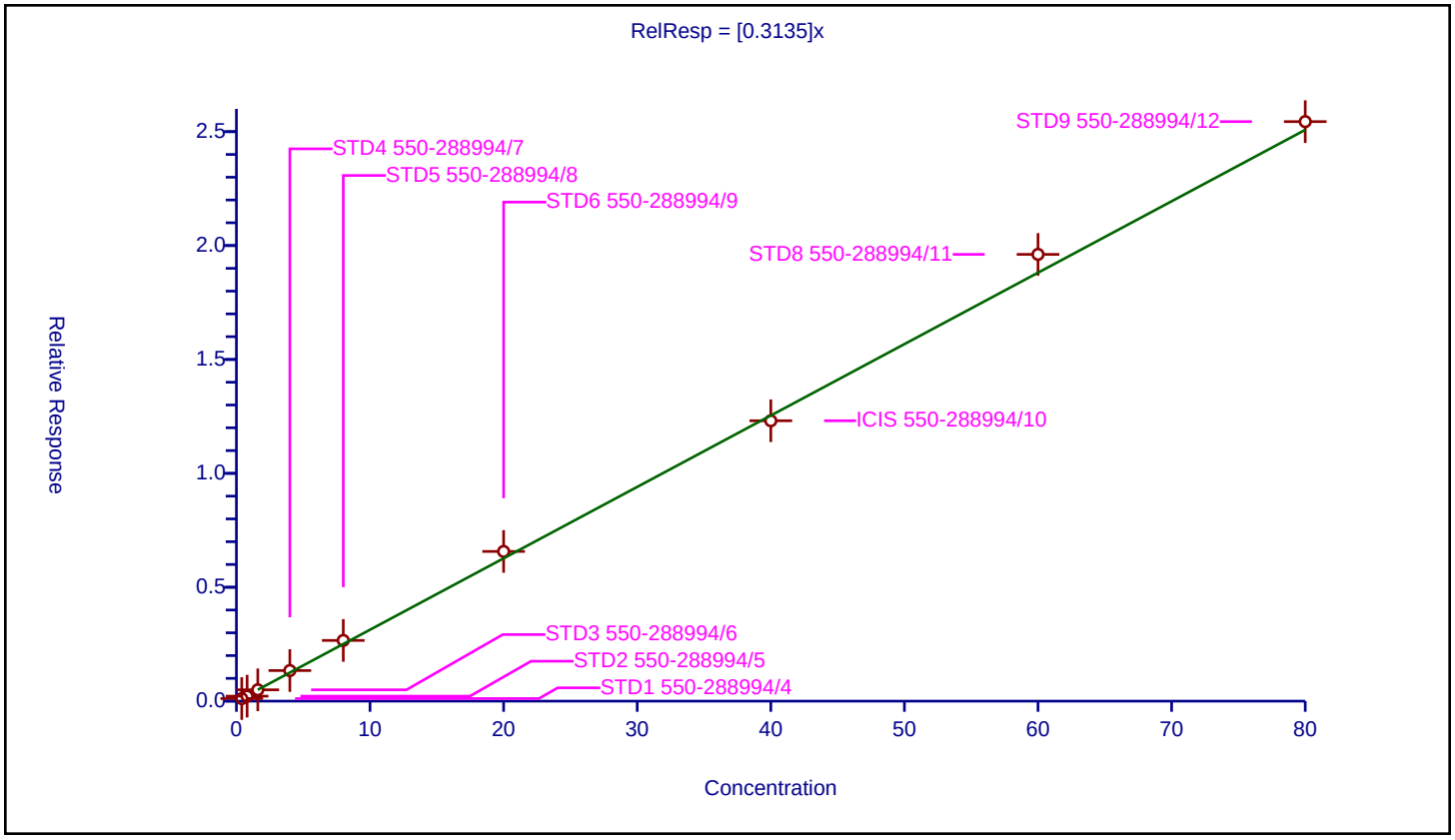
Curve Coefficients

Intercept:	0
Slope:	0.3135

Error Coefficients

Standard Error:	74800
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.114268	25.0	128207.0	0.285671	Y
2	STD2 550-288994/5	0.8	0.21955	25.0	139604.0	0.274437	Y
3	STD3 550-288994/6	1.6	0.497677	25.0	132566.0	0.311048	Y
4	STD4 550-288994/7	4.0	1.343289	25.0	161246.0	0.335822	Y
5	STD5 550-288994/8	8.0	2.664948	25.0	163915.0	0.333119	Y
6	STD6 550-288994/9	20.0	6.571743	25.0	152684.0	0.328587	Y
7	ICIS 550-288994/10	40.0	12.308831	25.0	140125.0	0.307721	Y
8	STD8 550-288994/11	60.0	19.611819	25.0	152635.0	0.326864	Y
9	STD9 550-288994/12	80.0	25.441095	25.0	151328.0	0.318014	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

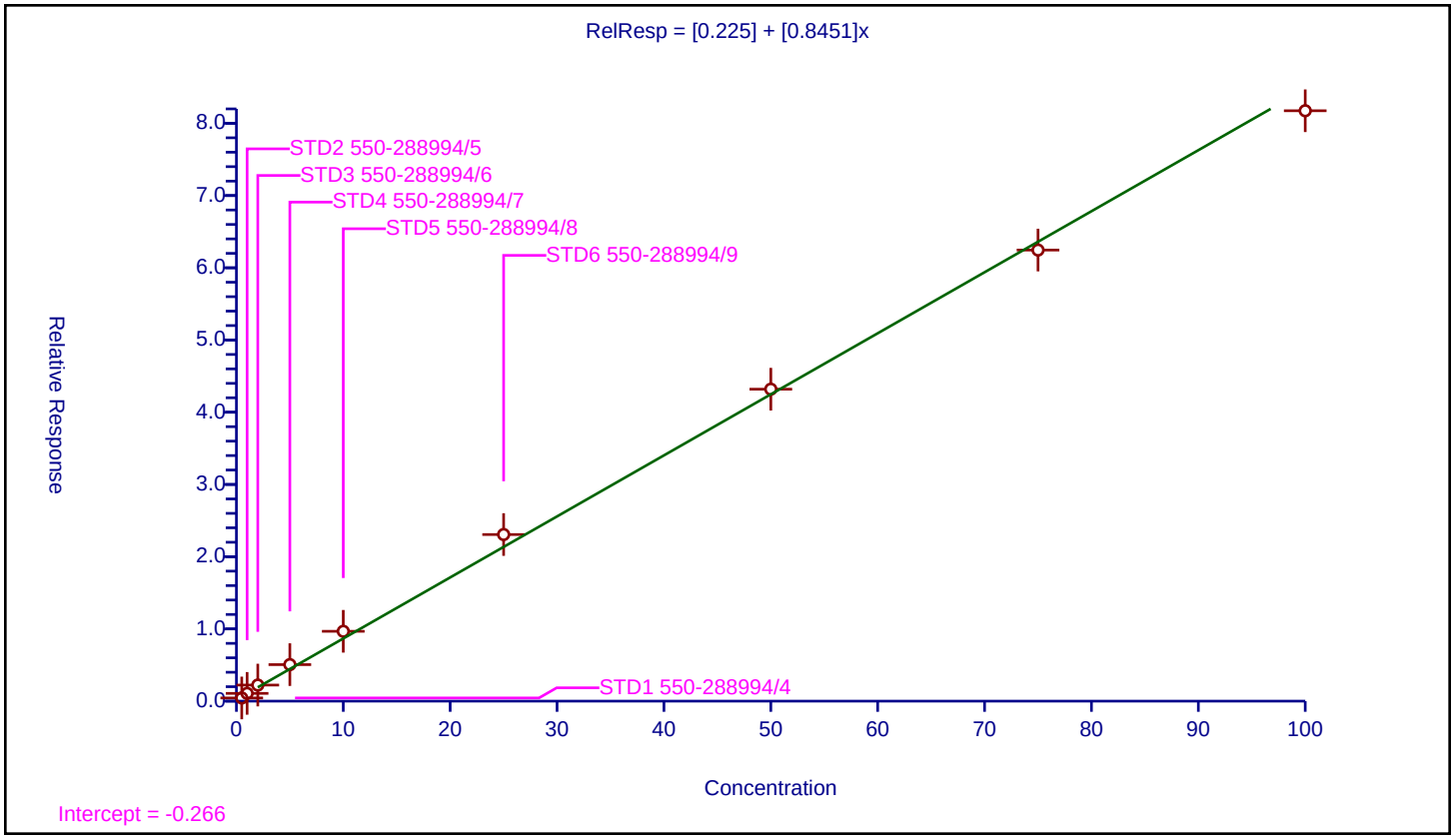
Curve Coefficients

Intercept:	0.225
Slope:	0.8451

Error Coefficients

Standard Error:	163000
Relative Standard Error:	21.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.438846	25.0	68532.0	0.877692	Y
2	STD2 550-288994/5	1.0	1.074025	25.0	70692.0	1.074025	Y
3	STD3 550-288994/6	2.0	2.224718	25.0	66323.0	1.112359	Y
4	STD4 550-288994/7	5.0	5.057764	25.0	87944.0	1.011553	Y
5	STD5 550-288994/8	10.0	9.669637	25.0	93473.0	0.966964	Y
6	STD6 550-288994/9	25.0	23.068765	25.0	88402.0	0.922751	Y
7	ICIS 550-288994/10	50.0	43.191576	25.0	85710.0	0.863832	Y
8	STD8 550-288994/11	75.0	62.455671	25.0	95591.0	0.832742	Y
9	STD9 550-288994/12	100.0	81.742252	25.0	95632.0	0.817423	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

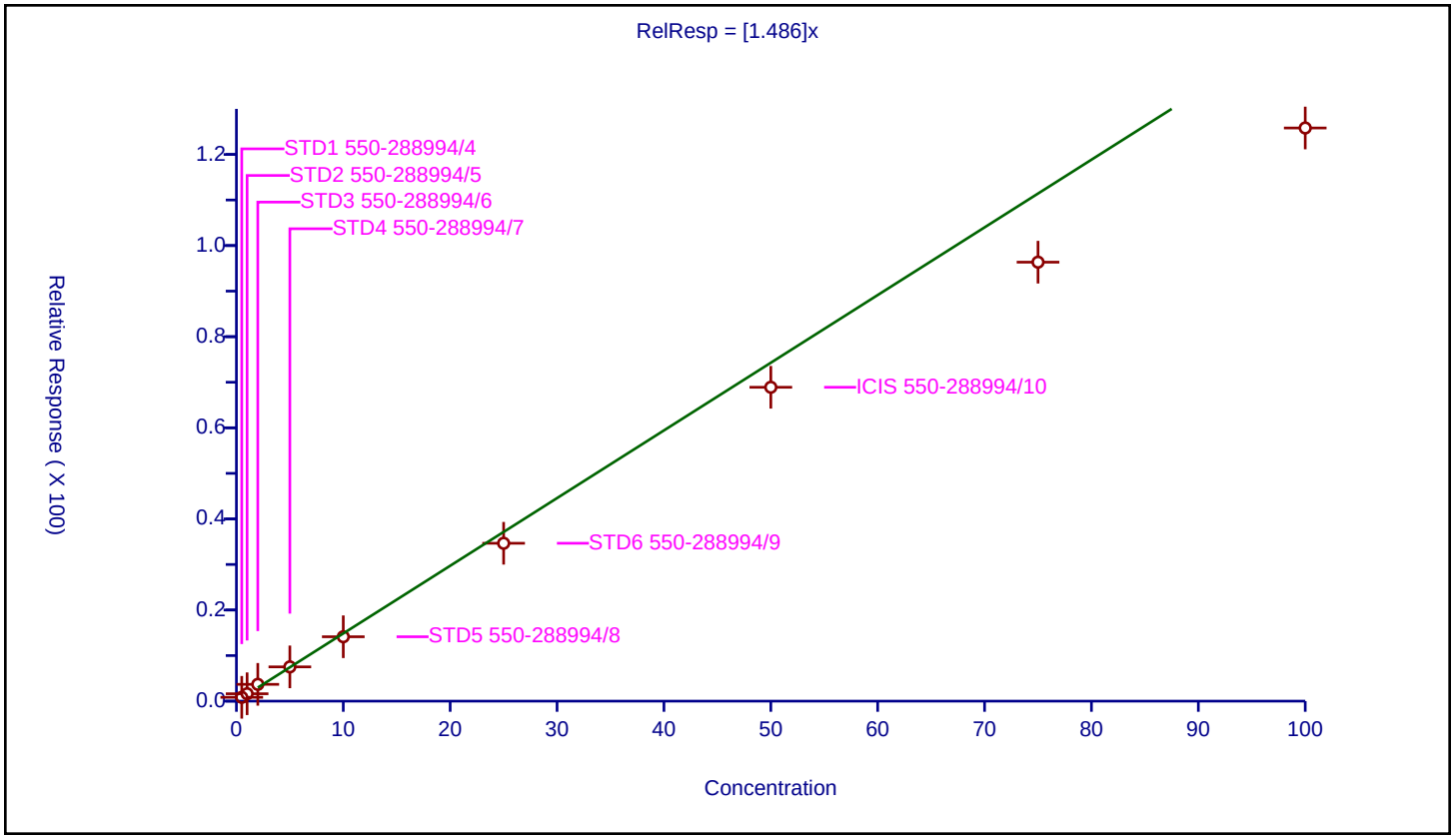
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	235000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.838659	25.0	68532.0	1.677319	Y
2	STD2 550-288994/5	1.0	1.6243	25.0	70692.0	1.6243	Y
3	STD3 550-288994/6	2.0	3.688389	25.0	66323.0	1.844194	Y
4	STD4 550-288994/7	5.0	7.519558	25.0	87944.0	1.503912	Y
5	STD5 550-288994/8	10.0	14.131888	25.0	93473.0	1.413189	Y
6	STD6 550-288994/9	25.0	34.655325	25.0	88402.0	1.386213	Y
7	ICIS 550-288994/10	50.0	68.89307	25.0	85710.0	1.377861	Y
8	STD8 550-288994/11	75.0	96.355828	25.0	95591.0	1.284744	Y
9	STD9 550-288994/12	100.0	125.80883	25.0	95632.0	1.258088	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

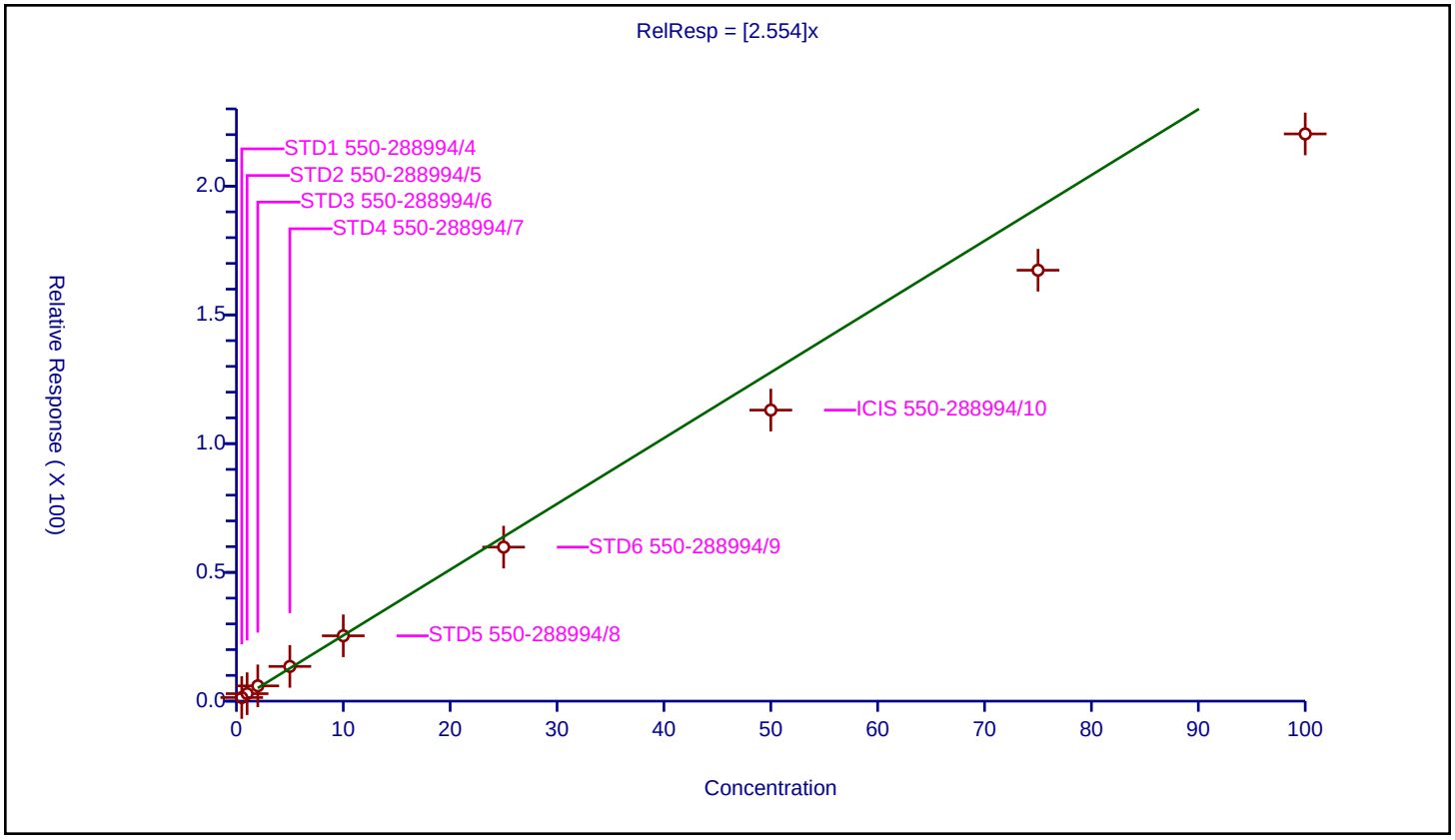
Curve Coefficients

Intercept:	0
Slope:	2.554

Error Coefficients

Standard Error:	407000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.397887	25.0	68532.0	2.795774	Y
2	STD2 550-288994/5	1.0	2.900257	25.0	70692.0	2.900257	Y
3	STD3 550-288994/6	2.0	5.928939	25.0	66323.0	2.964469	Y
4	STD4 550-288994/7	5.0	13.48756	25.0	87944.0	2.697512	Y
5	STD5 550-288994/8	10.0	25.379521	25.0	93473.0	2.537952	Y
6	STD6 550-288994/9	25.0	59.818782	25.0	88402.0	2.392751	Y
7	ICIS 550-288994/10	50.0	113.029985	25.0	85710.0	2.2606	Y
8	STD8 550-288994/11	75.0	167.34656	25.0	95591.0	2.231287	Y
9	STD9 550-288994/12	100.0	220.280607	25.0	95632.0	2.202806	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

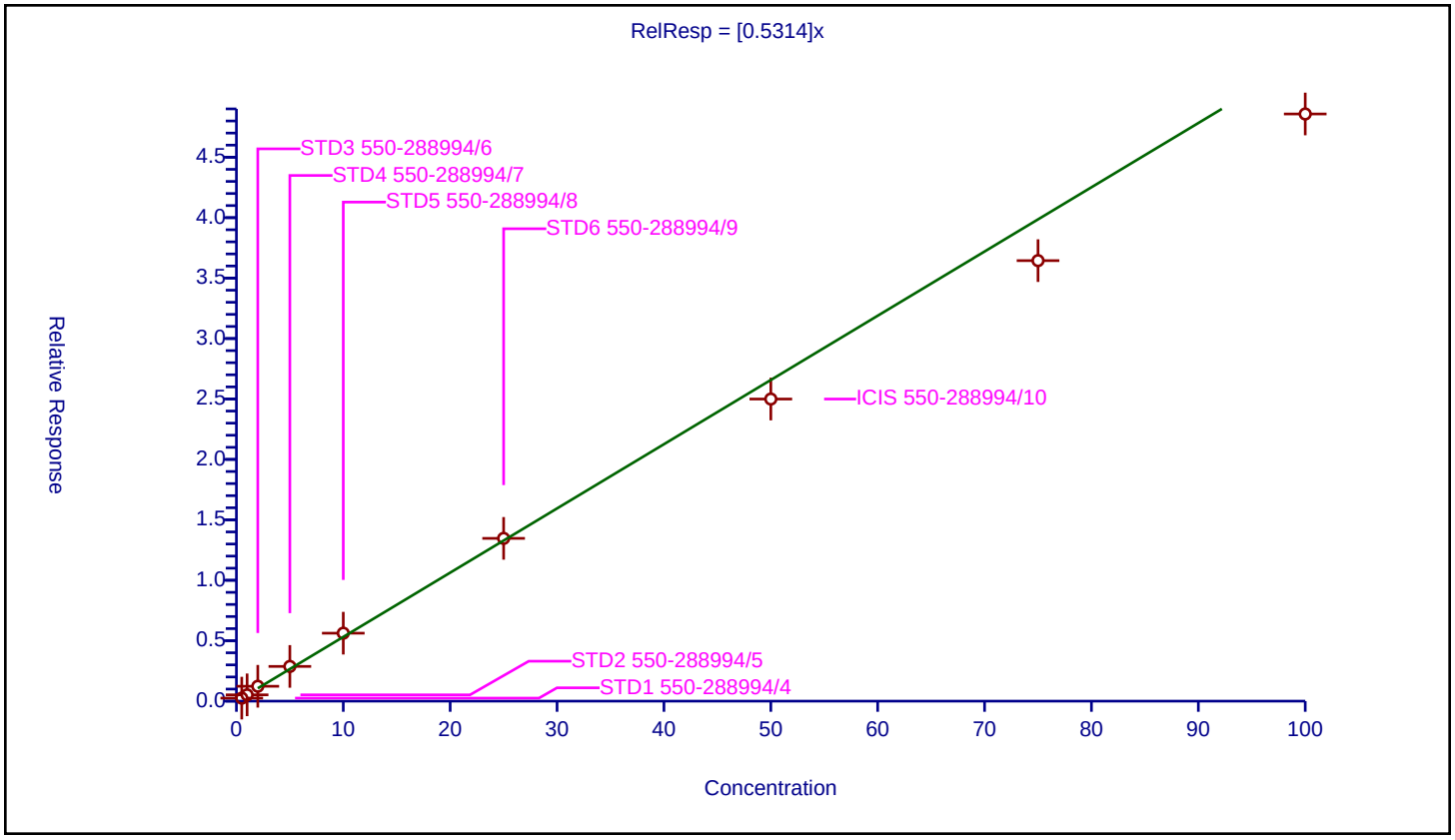
Curve Coefficients

Intercept:	0
Slope:	0.5314

Error Coefficients

Standard Error:	89500
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.249518	25.0	68532.0	0.499037	Y
2	STD2 550-288994/5	1.0	0.521275	25.0	70692.0	0.521275	Y
3	STD3 550-288994/6	2.0	1.230719	25.0	66323.0	0.61536	Y
4	STD4 550-288994/7	5.0	2.873135	25.0	87944.0	0.574627	Y
5	STD5 550-288994/8	10.0	5.623282	25.0	93473.0	0.562328	Y
6	STD6 550-288994/9	25.0	13.466607	25.0	88402.0	0.538664	Y
7	ICIS 550-288994/10	50.0	24.994166	25.0	85710.0	0.499883	Y
8	STD8 550-288994/11	75.0	36.445638	25.0	95591.0	0.485942	Y
9	STD9 550-288994/12	100.0	48.57945	25.0	95632.0	0.485795	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

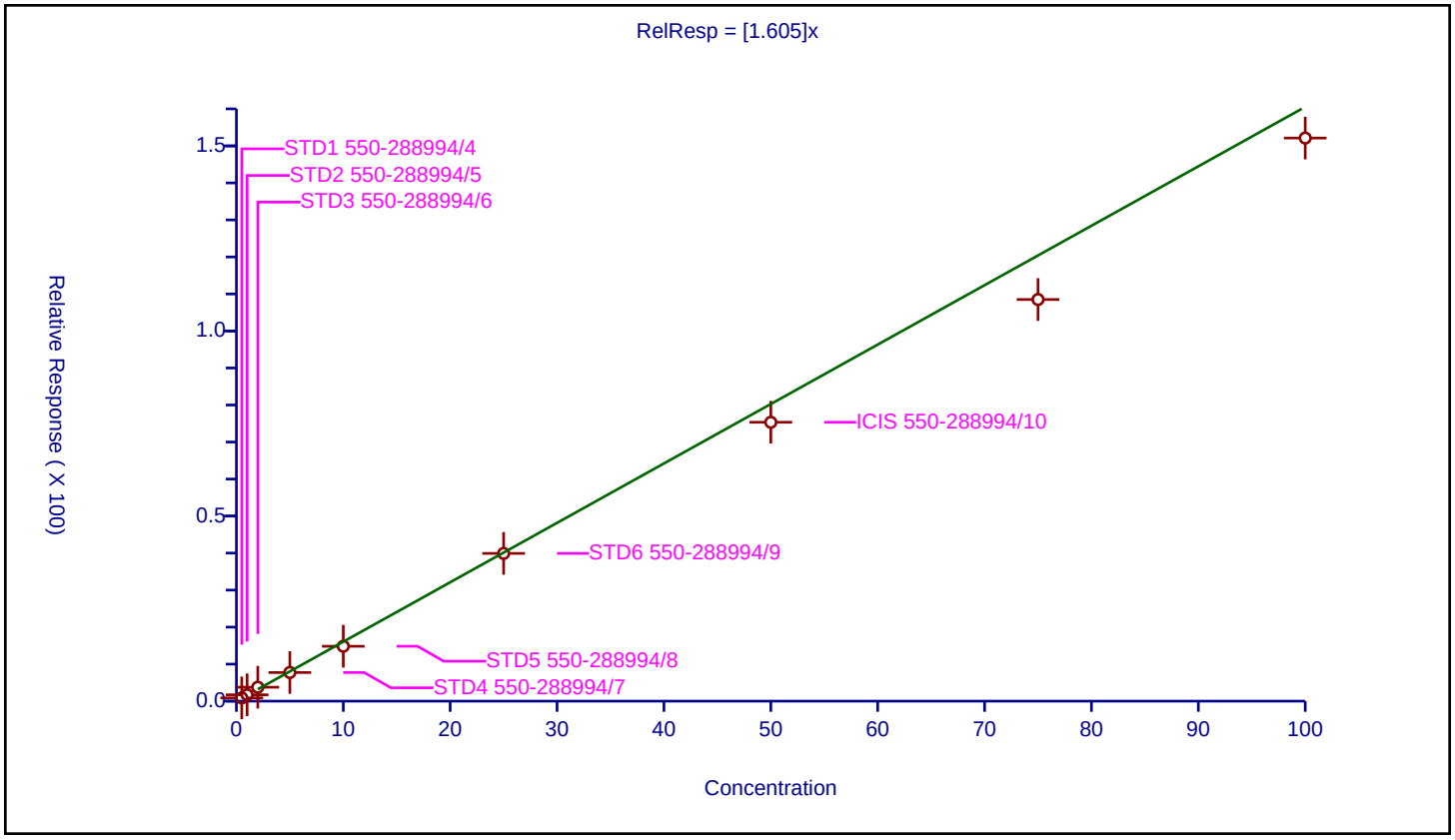
Curve Coefficients

Intercept:	0
Slope:	1.605

Error Coefficients

Standard Error:	274000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.873315	25.0	68532.0	1.746629	Y
2	STD2 550-288994/5	1.0	1.719431	25.0	70692.0	1.719431	Y
3	STD3 550-288994/6	2.0	3.760385	25.0	66323.0	1.880192	Y
4	STD4 550-288994/7	5.0	7.74129	25.0	87944.0	1.548258	Y
5	STD5 550-288994/8	10.0	14.825137	25.0	93473.0	1.482514	Y
6	STD6 550-288994/9	25.0	39.908317	25.0	88402.0	1.596333	Y
7	ICIS 550-288994/10	50.0	75.336308	25.0	85710.0	1.506726	Y
8	STD8 550-288994/11	75.0	108.501062	25.0	95591.0	1.446681	Y
9	STD9 550-288994/12	100.0	152.12272	25.0	95632.0	1.521227	Y



Calibration / Trichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

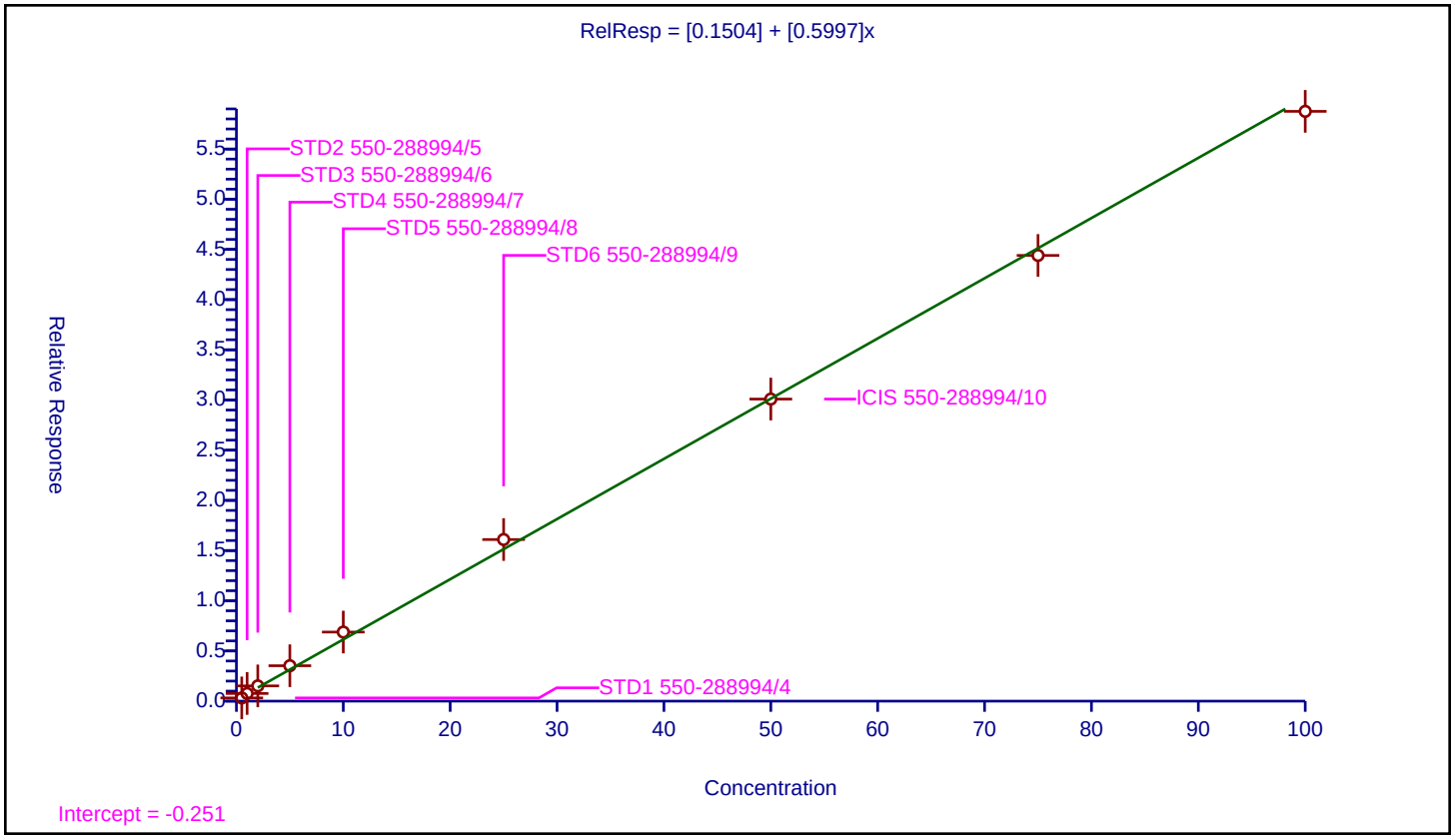
Curve Coefficients

Intercept:	0.1504
Slope:	0.5997

Error Coefficients

Standard Error:	116000
Relative Standard Error:	18.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.319924	25.0	68532.0	0.639847	Y
2	STD2 550-288994/5	1.0	0.762816	25.0	70692.0	0.762816	Y
3	STD3 550-288994/6	2.0	1.51795	25.0	66323.0	0.758975	Y
4	STD4 550-288994/7	5.0	3.528666	25.0	87944.0	0.705733	Y
5	STD5 550-288994/8	10.0	6.881934	25.0	93473.0	0.688193	Y
6	STD6 550-288994/9	25.0	16.100032	25.0	88402.0	0.644001	Y
7	ICIS 550-288994/10	50.0	30.092171	25.0	85710.0	0.601843	Y
8	STD8 550-288994/11	75.0	44.400885	25.0	95591.0	0.592012	Y
9	STD9 550-288994/12	100.0	58.756745	25.0	95632.0	0.587567	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

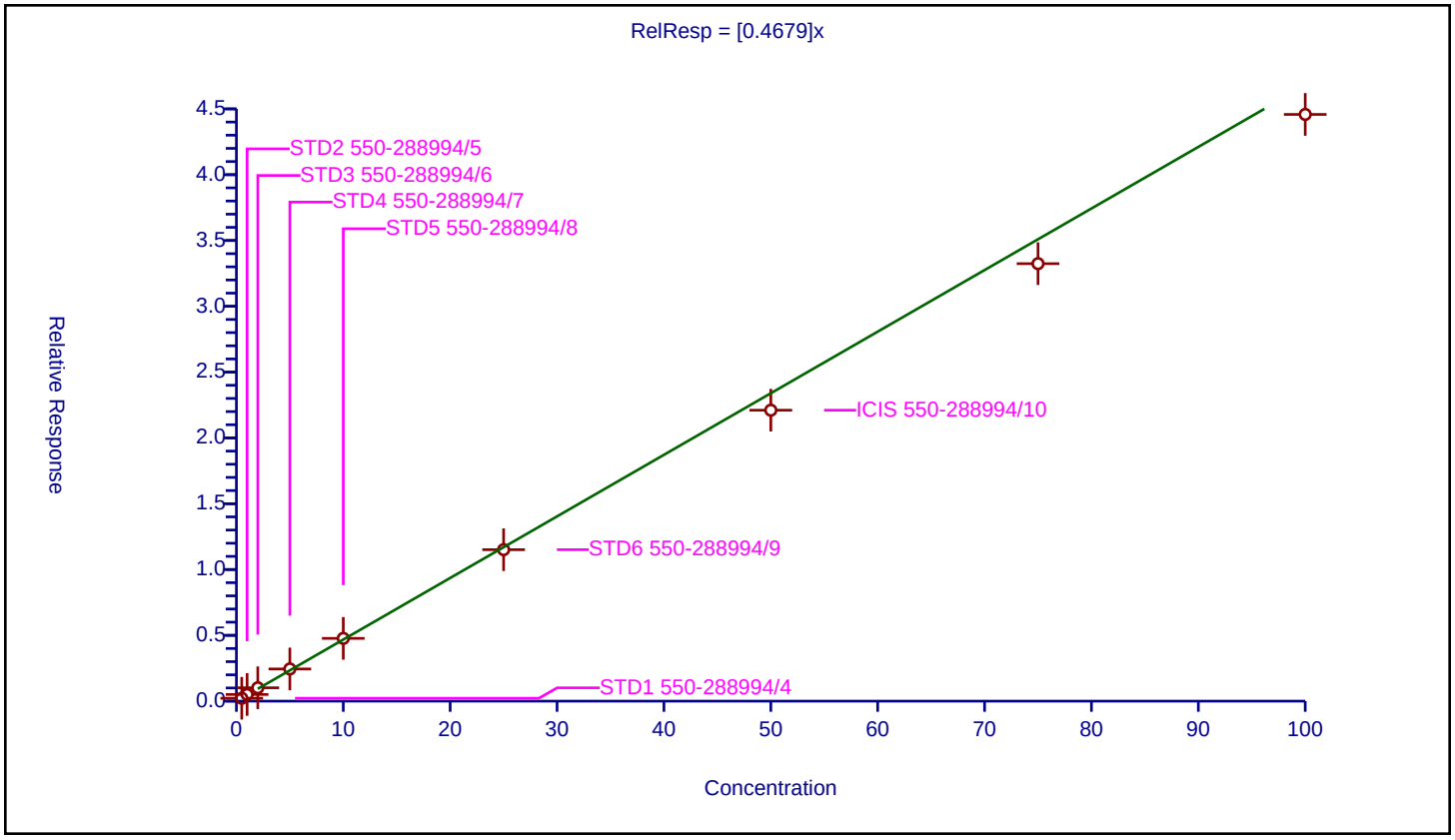
Curve Coefficients

Intercept:	0
Slope:	0.4679

Error Coefficients

Standard Error:	81400
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.219605	25.0	68532.0	0.439211	Y
2	STD2 550-288994/5	1.0	0.506422	25.0	70692.0	0.506422	Y
3	STD3 550-288994/6	2.0	1.015862	25.0	66323.0	0.507931	Y
4	STD4 550-288994/7	5.0	2.446159	25.0	87944.0	0.489232	Y
5	STD5 550-288994/8	10.0	4.767954	25.0	93473.0	0.476795	Y
6	STD6 550-288994/9	25.0	11.507941	25.0	88402.0	0.460318	Y
7	ICIS 550-288994/10	50.0	22.10623	25.0	85710.0	0.442125	Y
8	STD8 550-288994/11	75.0	33.240054	25.0	95591.0	0.443201	Y
9	STD9 550-288994/12	100.0	44.579743	25.0	95632.0	0.445797	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

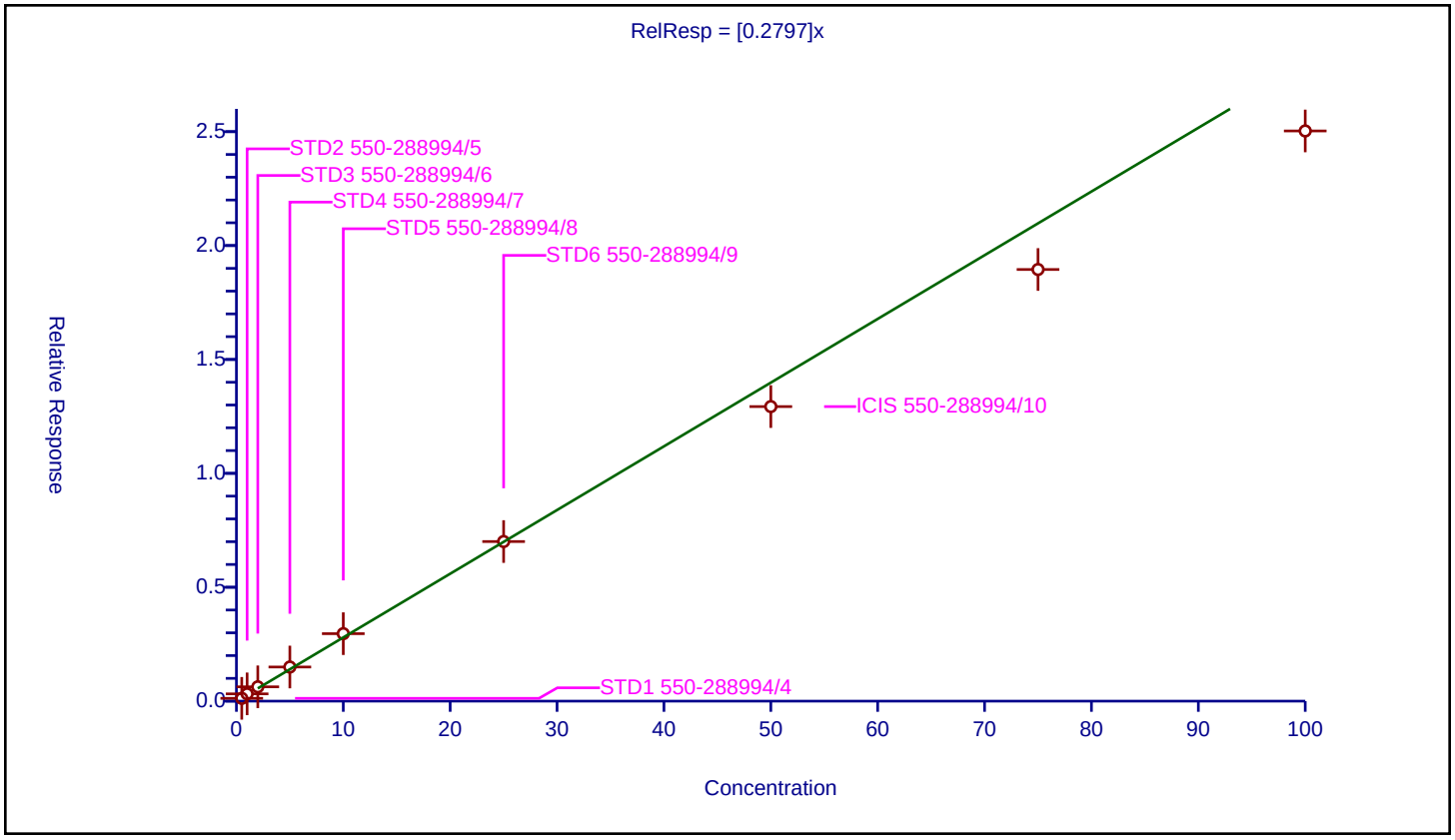
Curve Coefficients

Intercept:	0
Slope:	0.2797

Error Coefficients

Standard Error:	46300
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.122935	25.0	68532.0	0.245871	Y
2	STD2 550-288994/5	1.0	0.319343	25.0	70692.0	0.319343	Y
3	STD3 550-288994/6	2.0	0.627987	25.0	66323.0	0.313994	Y
4	STD4 550-288994/7	5.0	1.498112	25.0	87944.0	0.299622	Y
5	STD5 550-288994/8	10.0	2.961818	25.0	93473.0	0.296182	Y
6	STD6 550-288994/9	25.0	7.006346	25.0	88402.0	0.280254	Y
7	ICIS 550-288994/10	50.0	12.931397	25.0	85710.0	0.258628	Y
8	STD8 550-288994/11	75.0	18.949744	25.0	95591.0	0.252663	Y
9	STD9 550-288994/12	100.0	25.032416	25.0	95632.0	0.250324	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

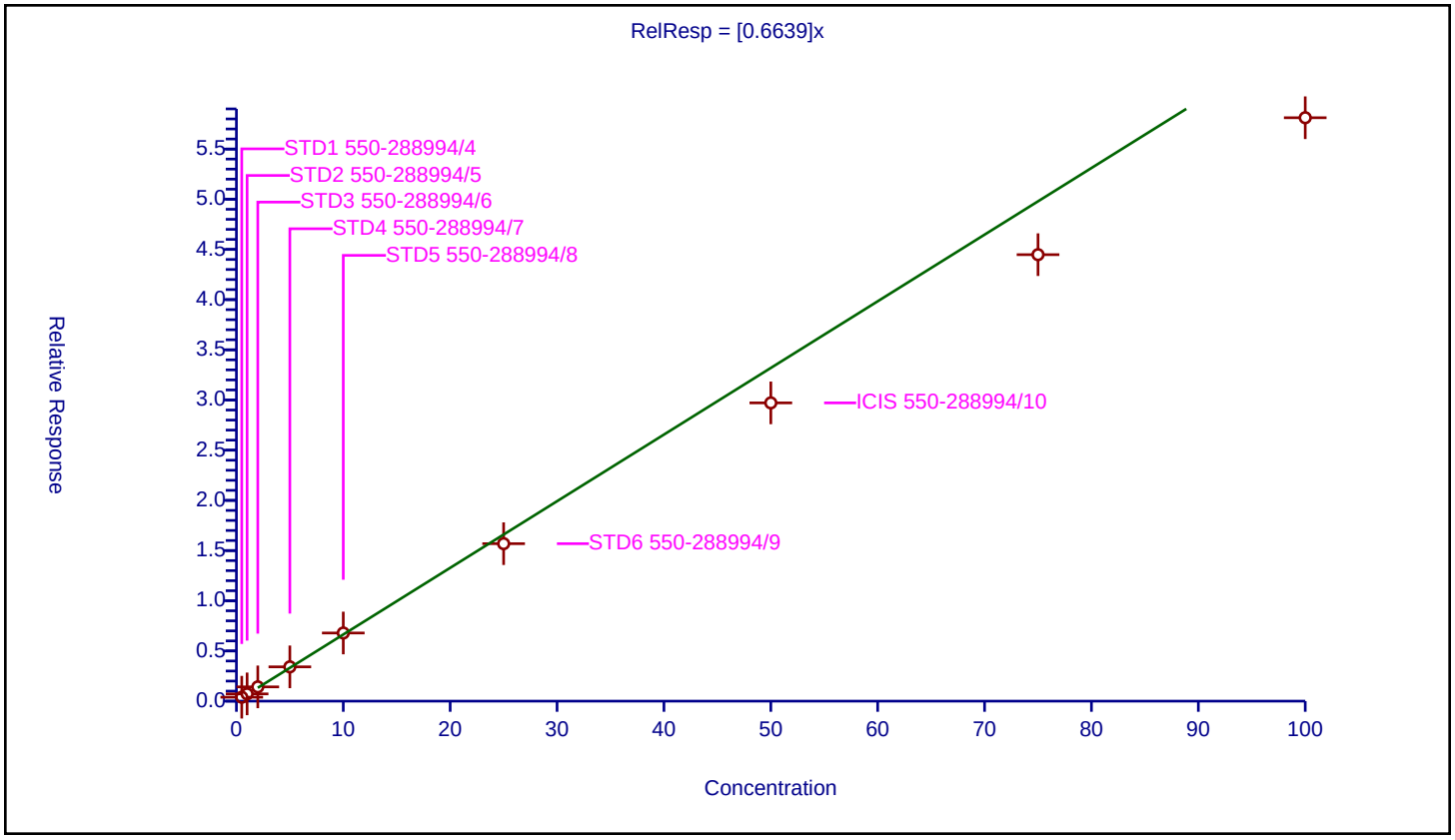
Curve Coefficients

Intercept:	0
Slope:	0.6639

Error Coefficients

Standard Error:	108000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.391788	25.0	68532.0	0.783576	Y
2	STD2 550-288994/5	1.0	0.722147	25.0	70692.0	0.722147	Y
3	STD3 550-288994/6	2.0	1.421453	25.0	66323.0	0.710726	Y
4	STD4 550-288994/7	5.0	3.416947	25.0	87944.0	0.683389	Y
5	STD5 550-288994/8	10.0	6.789394	25.0	93473.0	0.678939	Y
6	STD6 550-288994/9	25.0	15.687993	25.0	88402.0	0.62752	Y
7	ICIS 550-288994/10	50.0	29.712111	25.0	85710.0	0.594242	Y
8	STD8 550-288994/11	75.0	44.479606	25.0	95591.0	0.593061	Y
9	STD9 550-288994/12	100.0	58.12019	25.0	95632.0	0.581202	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

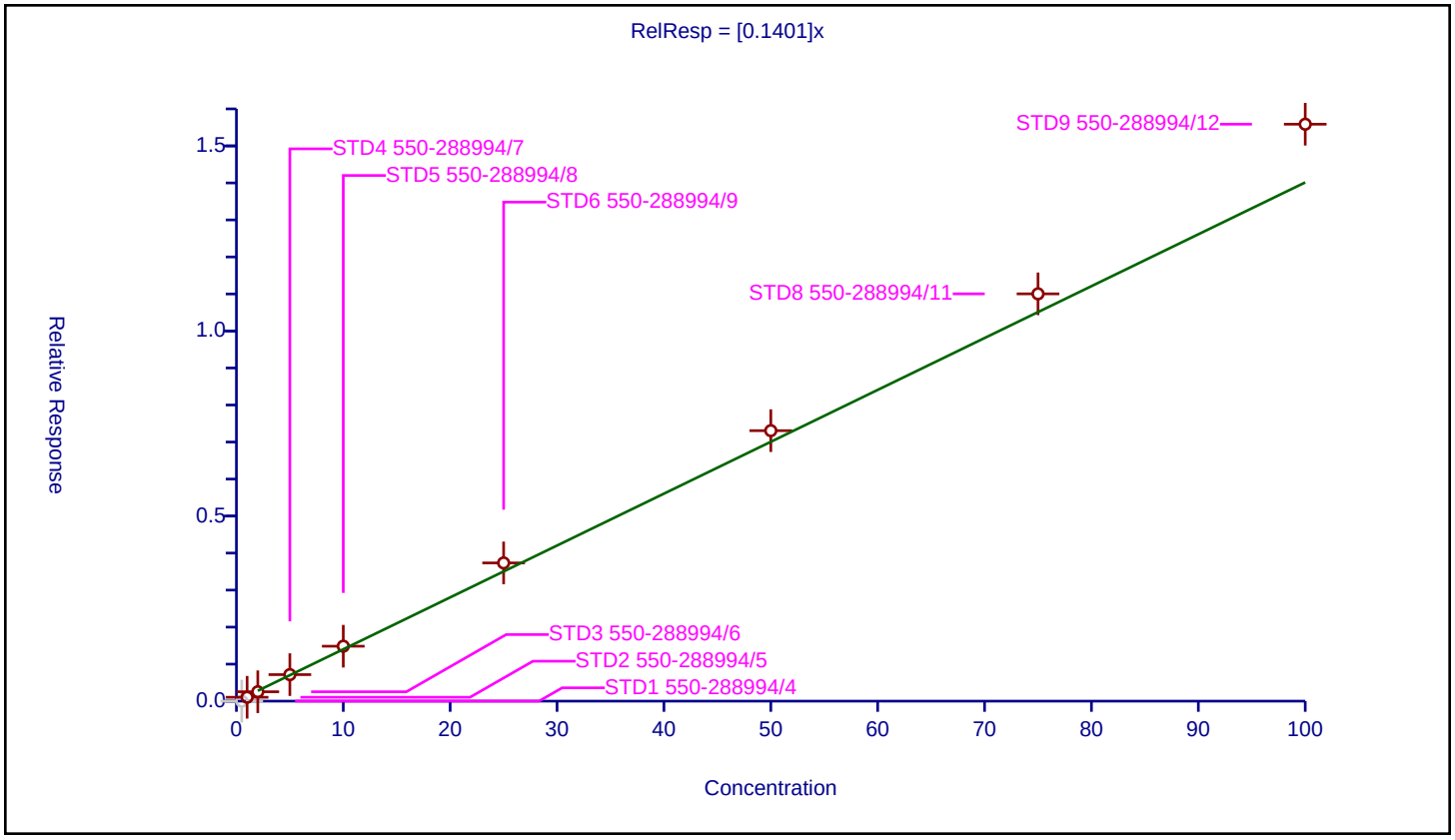
Curve Coefficients

Intercept:	0
Slope:	0.1401

Error Coefficients

Standard Error:	29700
Relative Standard Error:	11.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.104679	25.0	70692.0	0.104679	Y
3	STD3 550-288994/6	2.0	0.253306	25.0	66323.0	0.126653	Y
4	STD4 550-288994/7	5.0	0.716081	25.0	87944.0	0.143216	Y
5	STD5 550-288994/8	10.0	1.484386	25.0	93473.0	0.148439	Y
6	STD6 550-288994/9	25.0	3.734361	25.0	88402.0	0.149374	Y
7	ICIS 550-288994/10	50.0	7.307199	25.0	85710.0	0.146144	Y
8	STD8 550-288994/11	75.0	11.003651	25.0	95591.0	0.146715	Y
9	STD9 550-288994/12	100.0	15.586049	25.0	95632.0	0.15586	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

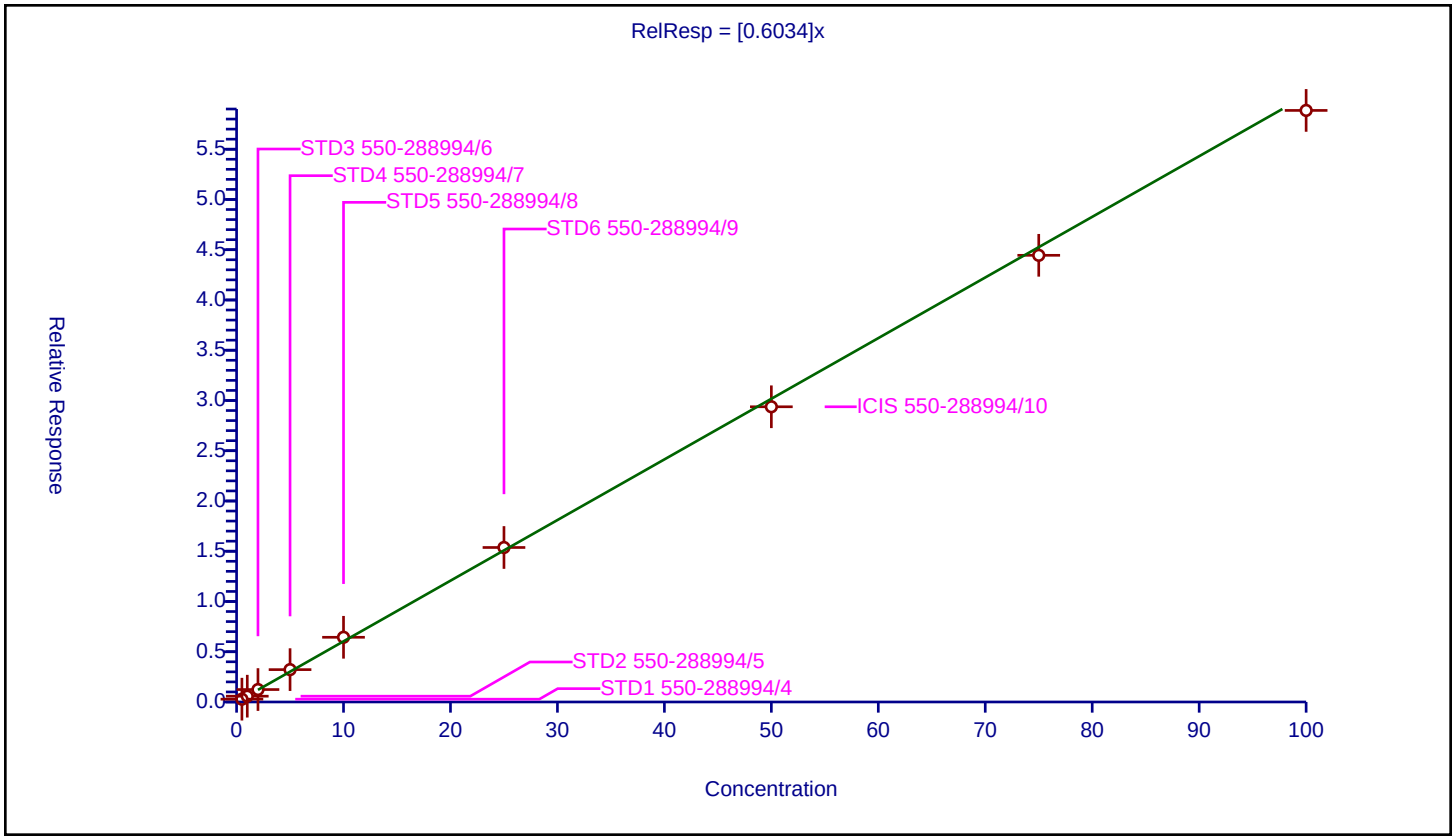
Curve Coefficients

Intercept:	0
Slope:	0.6034

Error Coefficients

Standard Error:	108000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.280891	25.0	68532.0	0.561781	Y
2	STD2 550-288994/5	1.0	0.578213	25.0	70692.0	0.578213	Y
3	STD3 550-288994/6	2.0	1.238635	25.0	66323.0	0.619318	Y
4	STD4 550-288994/7	5.0	3.219094	25.0	87944.0	0.643819	Y
5	STD5 550-288994/8	10.0	6.43849	25.0	93473.0	0.643849	Y
6	STD6 550-288994/9	25.0	15.370693	25.0	88402.0	0.614828	Y
7	ICIS 550-288994/10	50.0	29.373469	25.0	85710.0	0.587469	Y
8	STD8 550-288994/11	75.0	44.444038	25.0	95591.0	0.592587	Y
9	STD9 550-288994/12	100.0	58.860266	25.0	95632.0	0.588603	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

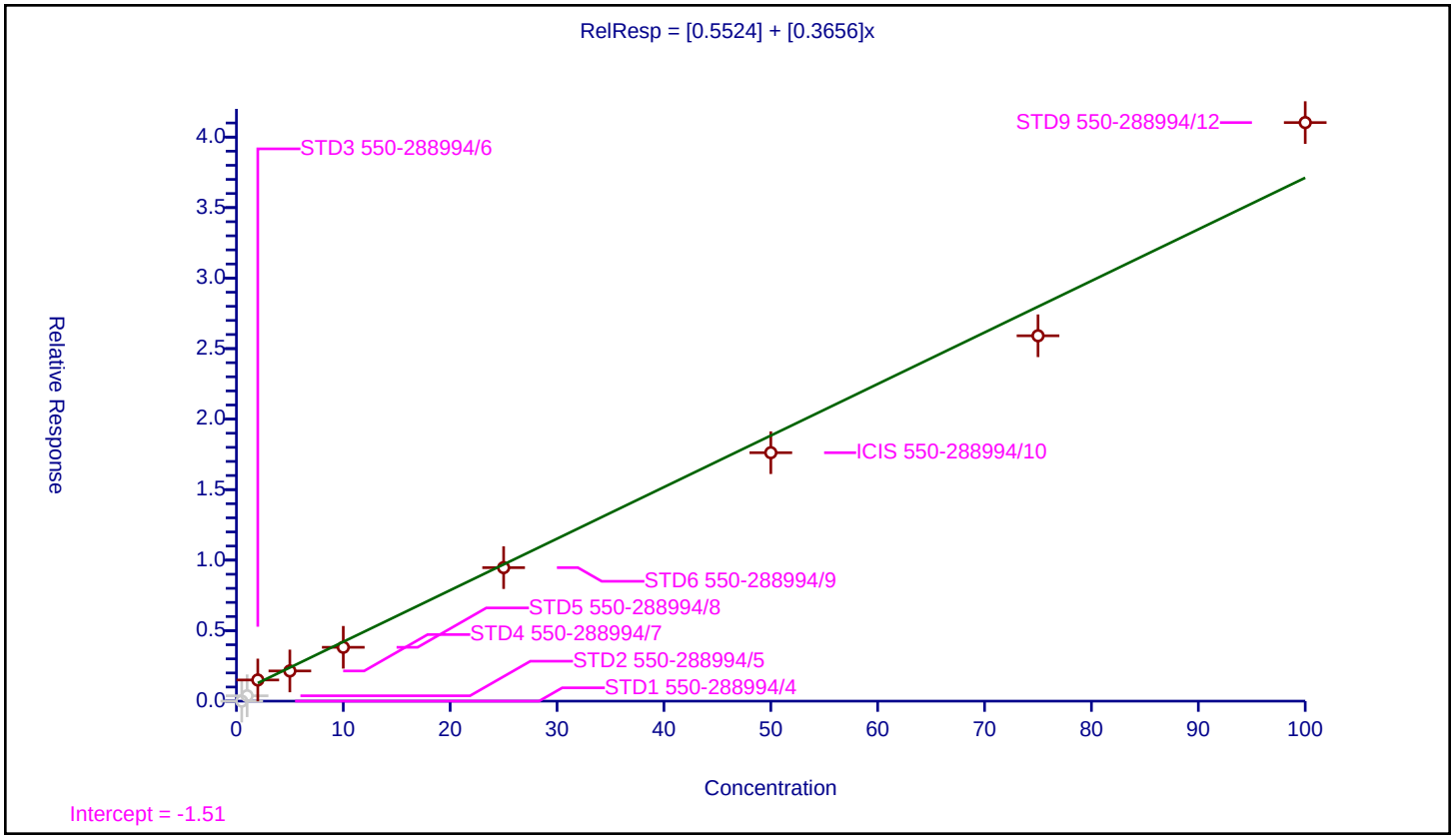
Curve Coefficients

Intercept:	0.5524
Slope:	0.3656

Error Coefficients

Standard Error:	88900
Relative Standard Error:	16.7
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.379817	25.0	70692.0	0.379817	N
3	STD3 550-288994/6	2.0	1.500611	25.0	66323.0	0.750305	Y
4	STD4 550-288994/7	5.0	2.141704	25.0	87944.0	0.428341	Y
5	STD5 550-288994/8	10.0	3.817947	25.0	93473.0	0.381795	Y
6	STD6 550-288994/9	25.0	9.467546	25.0	88402.0	0.378702	Y
7	ICIS 550-288994/10	50.0	17.619298	25.0	85710.0	0.352386	Y
8	STD8 550-288994/11	75.0	25.91222	25.0	95591.0	0.345496	Y
9	STD9 550-288994/12	100.0	41.029938	25.0	95632.0	0.410299	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

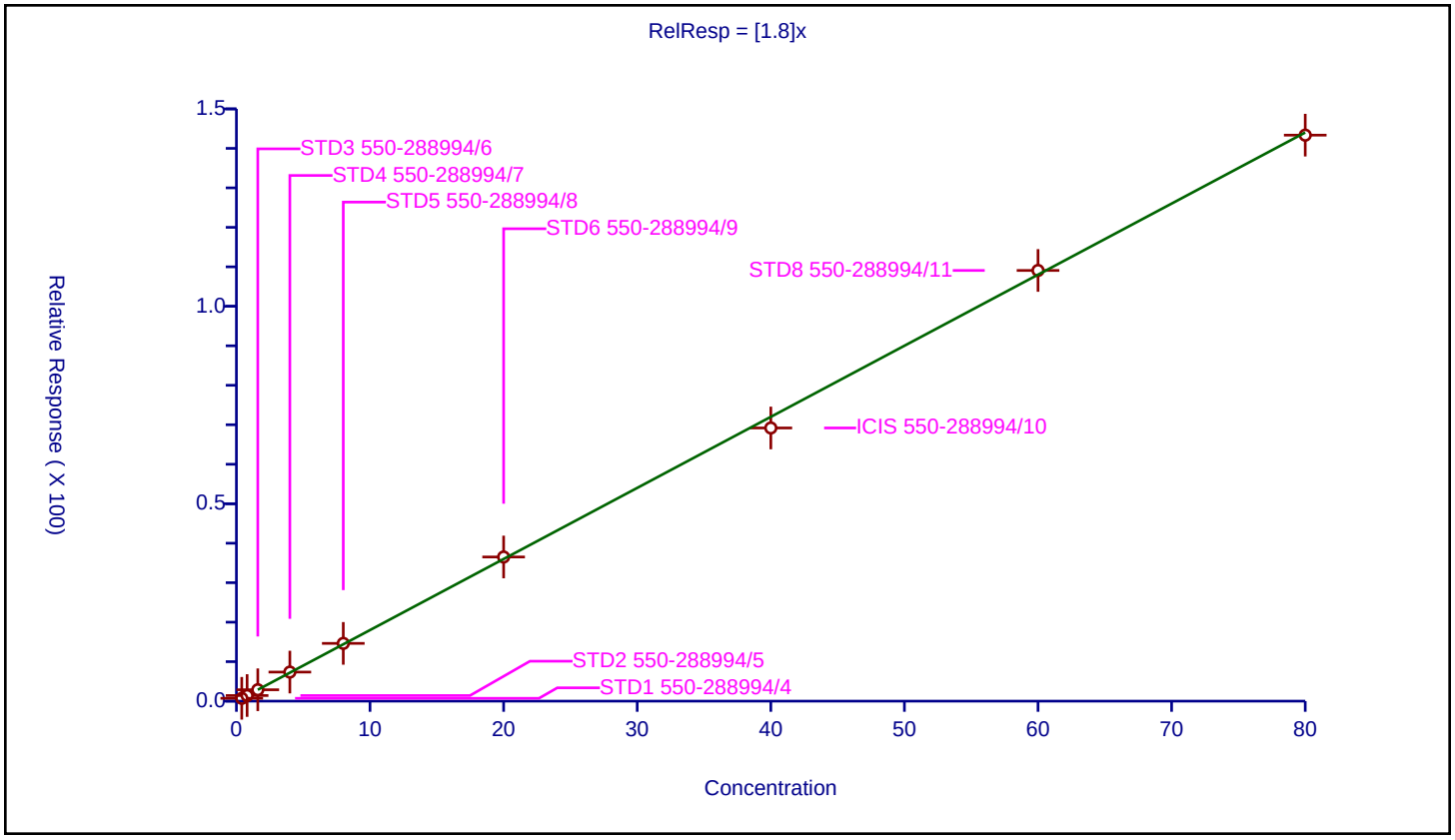
Curve Coefficients

Intercept:	0
Slope:	1.8

Error Coefficients

Standard Error:	262000
Relative Standard Error:	1.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.716089	25.0	68532.0	1.790222	Y
2	STD2 550-288994/5	0.8	1.419185	25.0	70692.0	1.773981	Y
3	STD3 550-288994/6	1.6	2.886254	25.0	66323.0	1.803909	Y
4	STD4 550-288994/7	4.0	7.364061	25.0	87944.0	1.841015	Y
5	STD5 550-288994/8	8.0	14.625346	25.0	93473.0	1.828168	Y
6	STD6 550-288994/9	20.0	36.508224	25.0	88402.0	1.825411	Y
7	ICIS 550-288994/10	40.0	69.186793	25.0	85710.0	1.72967	Y
8	STD8 550-288994/11	60.0	109.078522	25.0	95591.0	1.817975	Y
9	STD9 550-288994/12	80.0	143.345847	25.0	95632.0	1.791823	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

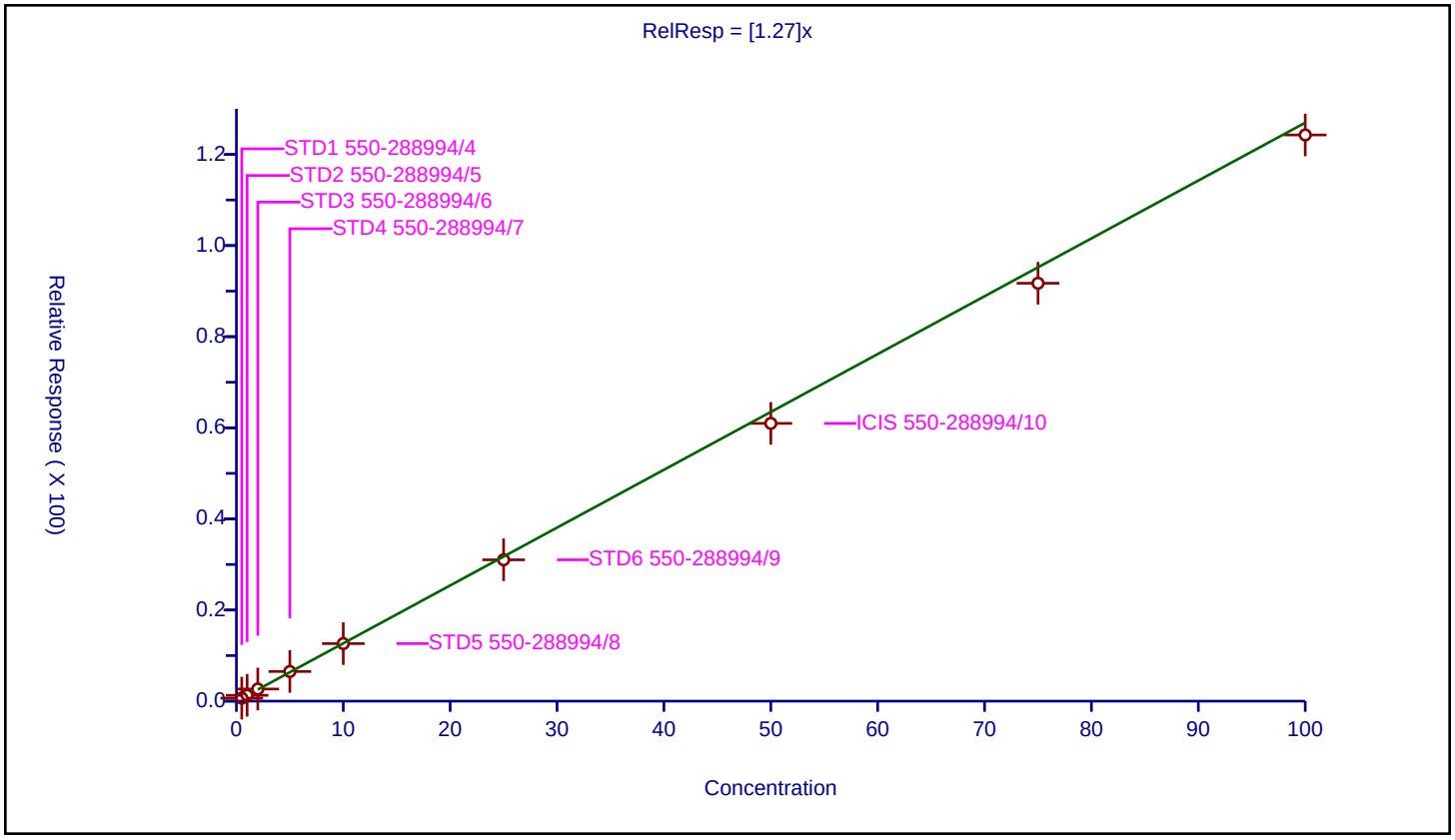
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Standard Error:	226000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.659181	25.0	68532.0	1.318362	Y
2	STD2 550-288994/5	1.0	1.285506	25.0	70692.0	1.285506	Y
3	STD3 550-288994/6	2.0	2.66348	25.0	66323.0	1.33174	Y
4	STD4 550-288994/7	5.0	6.507835	25.0	87944.0	1.301567	Y
5	STD5 550-288994/8	10.0	12.633595	25.0	93473.0	1.263359	Y
6	STD6 550-288994/9	25.0	31.024751	25.0	88402.0	1.24099	Y
7	ICIS 550-288994/10	50.0	60.96984	25.0	85710.0	1.219397	Y
8	STD8 550-288994/11	75.0	91.727516	25.0	95591.0	1.223034	Y
9	STD9 550-288994/12	100.0	124.276654	25.0	95632.0	1.242767	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

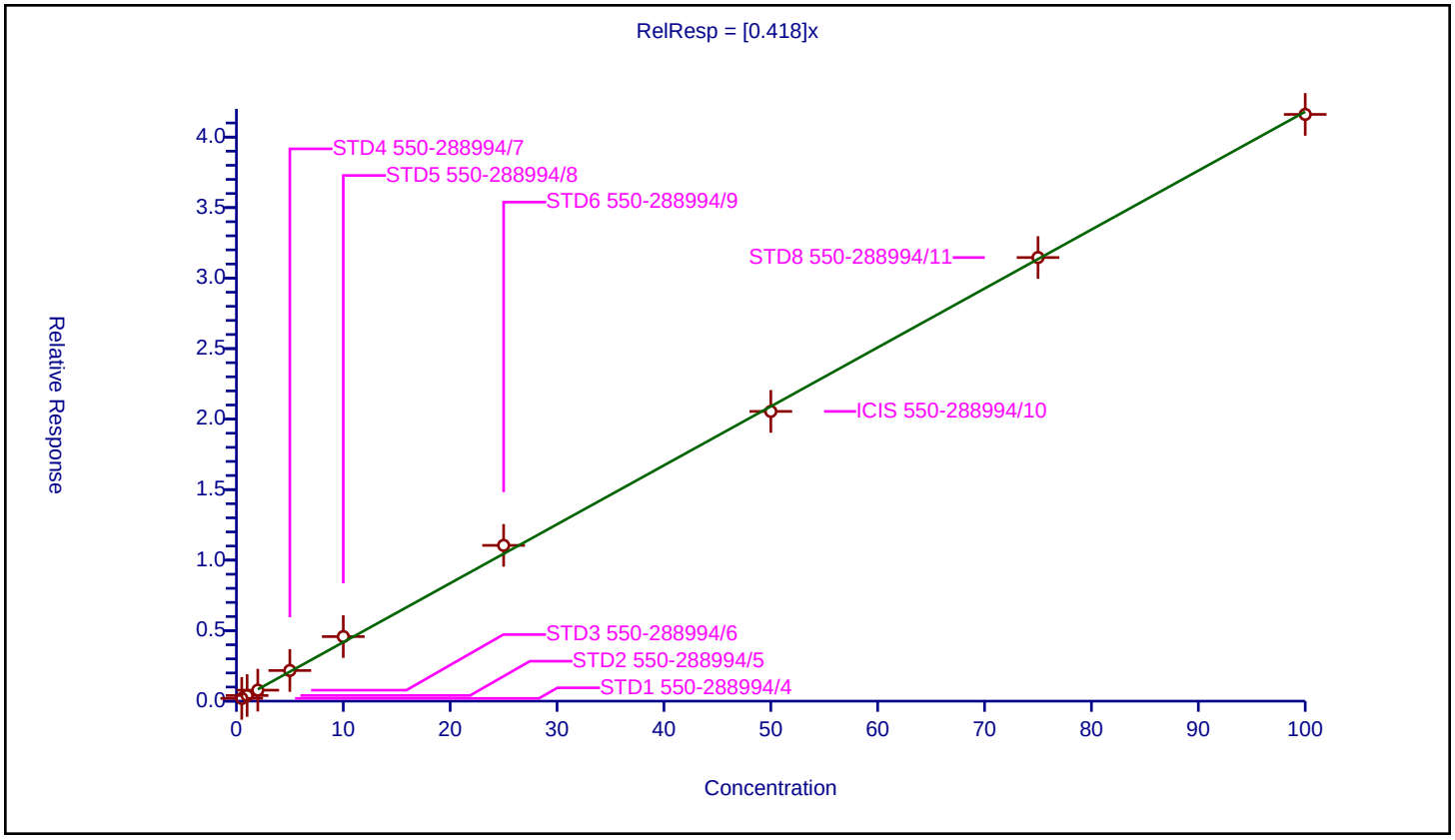
Curve Coefficients

Intercept:	0
Slope:	0.418

Error Coefficients

Standard Error:	76300
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.195894	25.0	68532.0	0.391788	Y
2	STD2 550-288994/5	1.0	0.399621	25.0	70692.0	0.399621	Y
3	STD3 550-288994/6	2.0	0.779895	25.0	66323.0	0.389948	Y
4	STD4 550-288994/7	5.0	2.172405	25.0	87944.0	0.434481	Y
5	STD5 550-288994/8	10.0	4.577793	25.0	93473.0	0.457779	Y
6	STD6 550-288994/9	25.0	11.04613	25.0	88402.0	0.441845	Y
7	ICIS 550-288994/10	50.0	20.546319	25.0	85710.0	0.410926	Y
8	STD8 550-288994/11	75.0	31.458767	25.0	95591.0	0.41945	Y
9	STD9 550-288994/12	100.0	41.608719	25.0	95632.0	0.416087	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

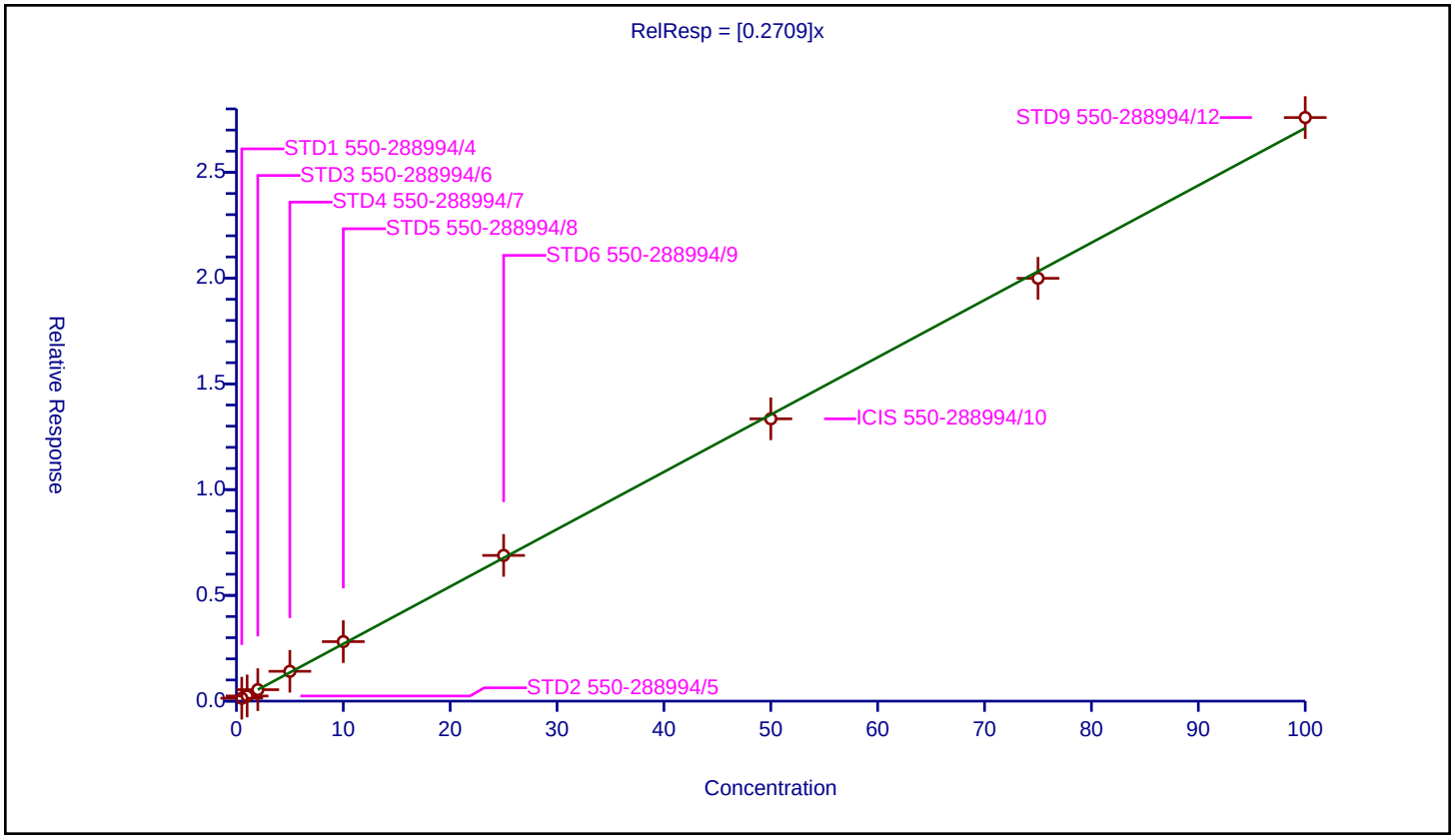
Curve Coefficients

Intercept:	0
Slope:	0.2709

Error Coefficients

Standard Error:	49700
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.137527	25.0	68532.0	0.275054	Y
2	STD2 550-288994/5	1.0	0.243309	25.0	70692.0	0.243309	Y
3	STD3 550-288994/6	2.0	0.542421	25.0	66323.0	0.271211	Y
4	STD4 550-288994/7	5.0	1.411125	25.0	87944.0	0.282225	Y
5	STD5 550-288994/8	10.0	2.813647	25.0	93473.0	0.281365	Y
6	STD6 550-288994/9	25.0	6.889833	25.0	88402.0	0.275593	Y
7	ICIS 550-288994/10	50.0	13.347626	25.0	85710.0	0.266953	Y
8	STD8 550-288994/11	75.0	19.99116	25.0	95591.0	0.266549	Y
9	STD9 550-288994/12	100.0	27.590399	25.0	95632.0	0.275904	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

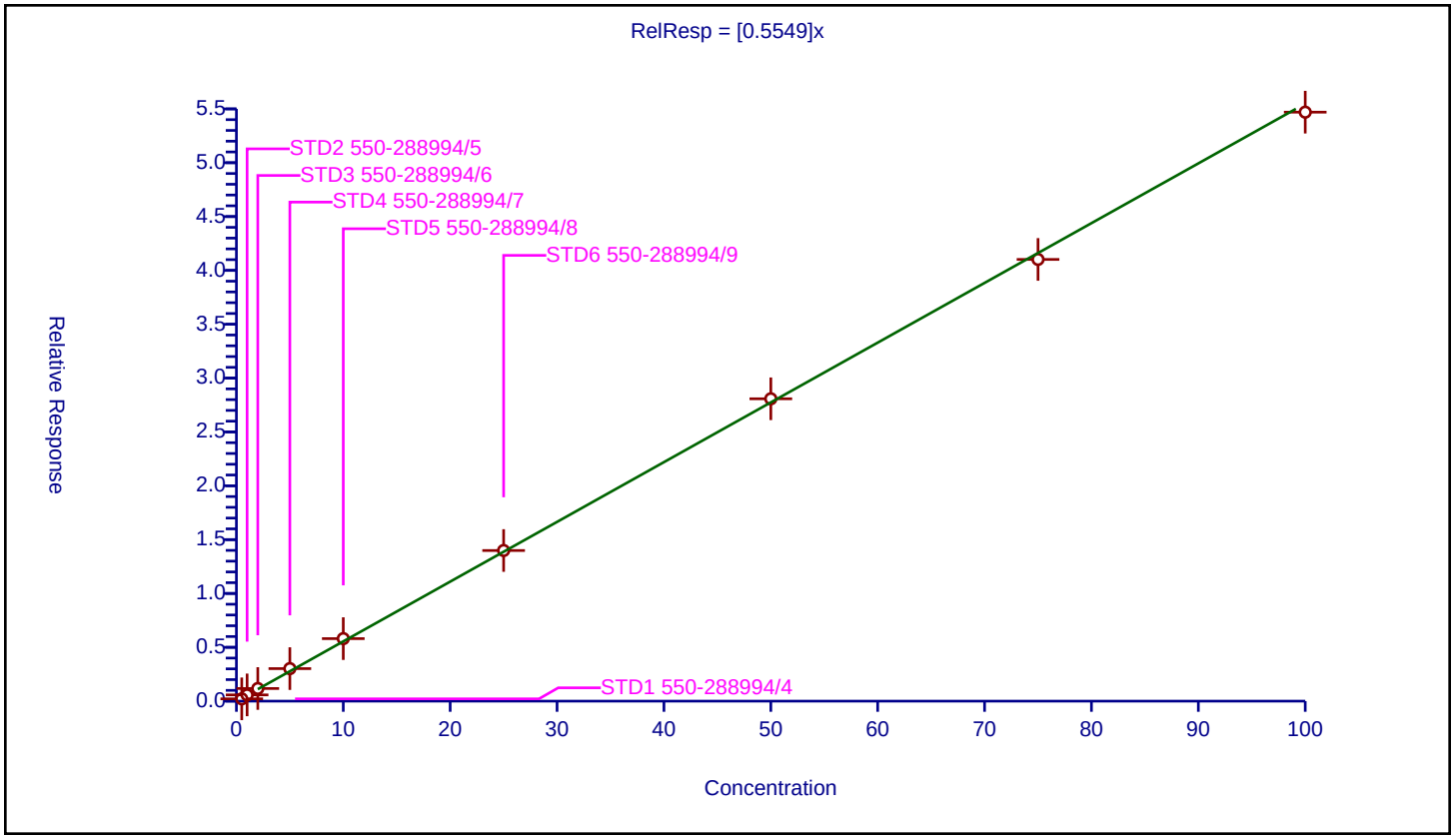
Curve Coefficients

Intercept:	0
Slope:	0.5549

Error Coefficients

Standard Error:	100000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.213769	25.0	68532.0	0.427538	Y
2	STD2 550-288994/5	1.0	0.57892	25.0	70692.0	0.57892	Y
3	STD3 550-288994/6	2.0	1.174178	25.0	66323.0	0.587089	Y
4	STD4 550-288994/7	5.0	3.022378	25.0	87944.0	0.604476	Y
5	STD5 550-288994/8	10.0	5.80649	25.0	93473.0	0.580649	Y
6	STD6 550-288994/9	25.0	13.98922	25.0	88402.0	0.559569	Y
7	ICIS 550-288994/10	50.0	28.078404	25.0	85710.0	0.561568	Y
8	STD8 550-288994/11	75.0	41.020075	25.0	95591.0	0.546934	Y
9	STD9 550-288994/12	100.0	54.696388	25.0	95632.0	0.546964	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

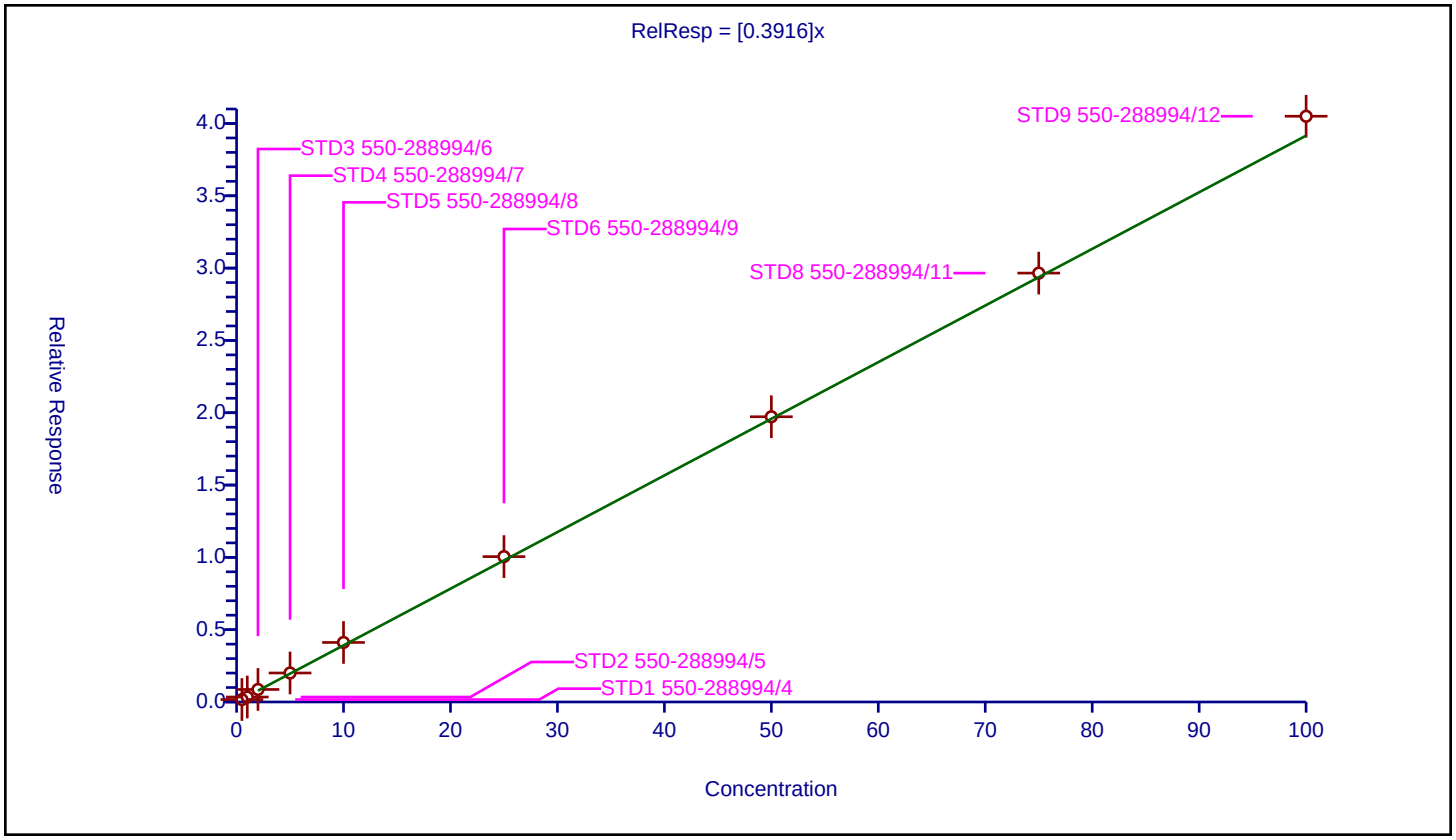
Curve Coefficients

Intercept:	0
Slope:	0.3916

Error Coefficients

Standard Error:	73300
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.168899	25.0	68532.0	0.337798	Y
2	STD2 550-288994/5	1.0	0.344452	25.0	70692.0	0.344452	Y
3	STD3 550-288994/6	2.0	0.865085	25.0	66323.0	0.432542	Y
4	STD4 550-288994/7	5.0	2.005253	25.0	87944.0	0.401051	Y
5	STD5 550-288994/8	10.0	4.116162	25.0	93473.0	0.411616	Y
6	STD6 550-288994/9	25.0	10.05096	25.0	88402.0	0.402038	Y
7	ICIS 550-288994/10	50.0	19.721736	25.0	85710.0	0.394435	Y
8	STD8 550-288994/11	75.0	29.654988	25.0	95591.0	0.3954	Y
9	STD9 550-288994/12	100.0	40.500565	25.0	95632.0	0.405006	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

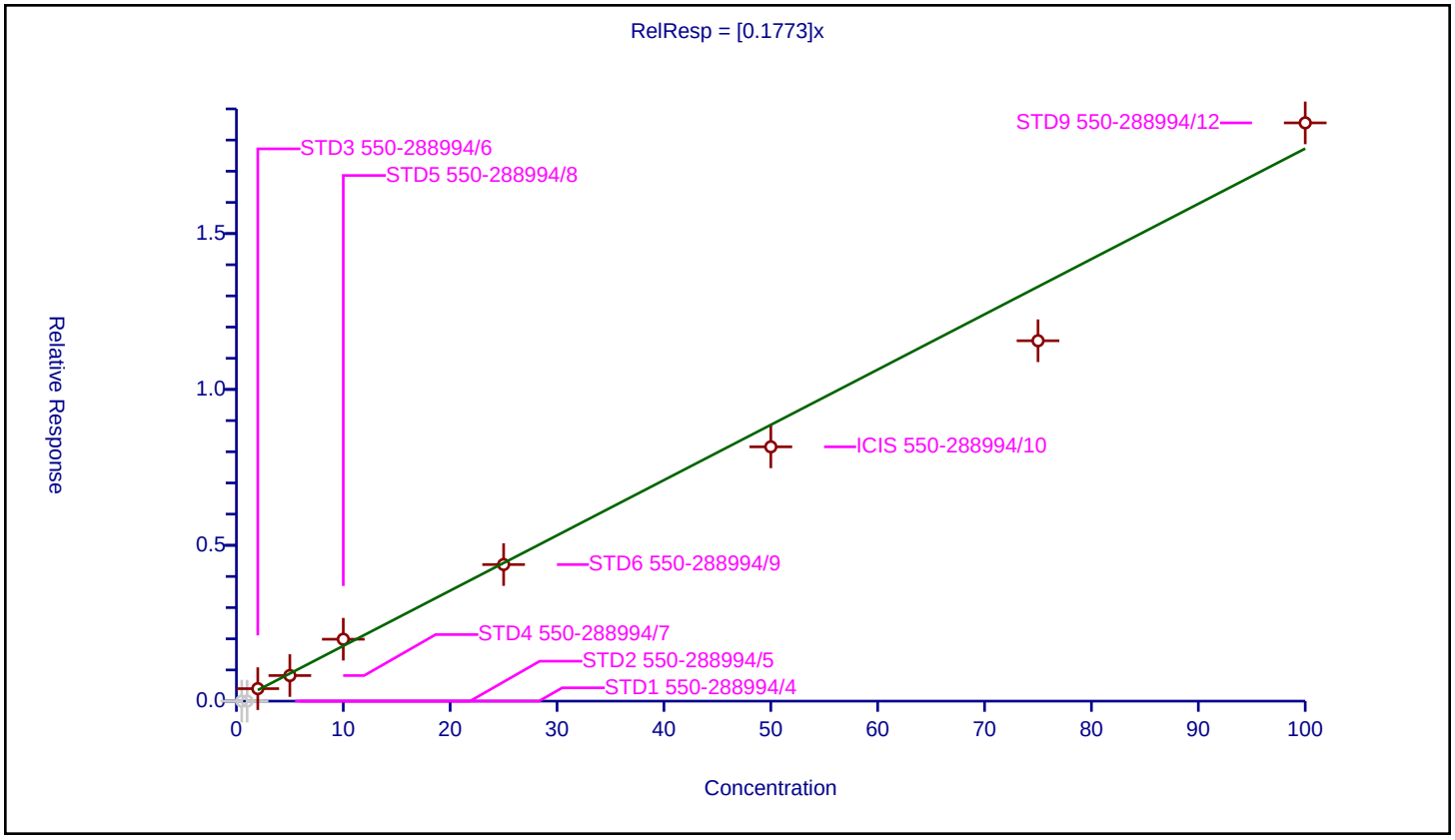
Curve Coefficients

Intercept:	0
Slope:	0.1773

Error Coefficients

Standard Error:	36700
Relative Standard Error:	10.2
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	70692.0	0.0	N
3	STD3 550-288994/6	2.0	0.399937	25.0	66323.0	0.199968	Y
4	STD4 550-288994/7	5.0	0.820977	25.0	87944.0	0.164195	Y
5	STD5 550-288994/8	10.0	1.985868	25.0	93473.0	0.198587	Y
6	STD6 550-288994/9	25.0	4.381971	25.0	88402.0	0.175279	Y
7	ICIS 550-288994/10	50.0	8.158616	25.0	85710.0	0.163172	Y
8	STD8 550-288994/11	75.0	11.561758	25.0	95591.0	0.154157	Y
9	STD9 550-288994/12	100.0	18.551322	25.0	95632.0	0.185513	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

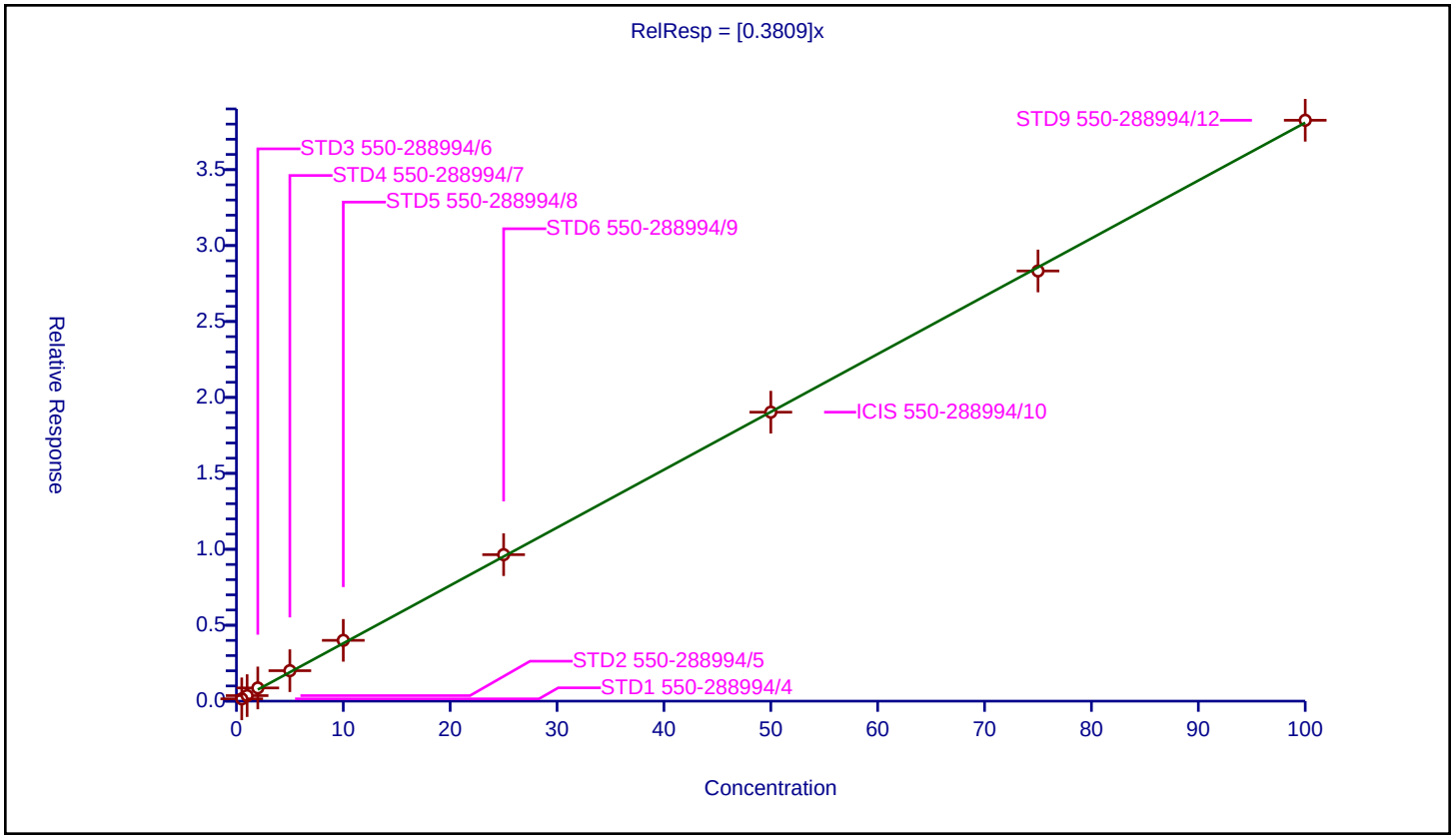
Curve Coefficients

Intercept:	0
Slope:	0.3809

Error Coefficients

Standard Error:	69700
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.151024	25.0	68532.0	0.302049	Y
2	STD2 550-288994/5	1.0	0.363903	25.0	70692.0	0.363903	Y
3	STD3 550-288994/6	2.0	0.868477	25.0	66323.0	0.434238	Y
4	STD4 550-288994/7	5.0	2.006106	25.0	87944.0	0.401221	Y
5	STD5 550-288994/8	10.0	4.002493	25.0	93473.0	0.400249	Y
6	STD6 550-288994/9	25.0	9.645427	25.0	88402.0	0.385817	Y
7	ICIS 550-288994/10	50.0	19.028701	25.0	85710.0	0.380574	Y
8	STD8 550-288994/11	75.0	28.326935	25.0	95591.0	0.377692	Y
9	STD9 550-288994/12	100.0	38.250533	25.0	95632.0	0.382505	Y



Calibration / Ethylene Dibromide

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

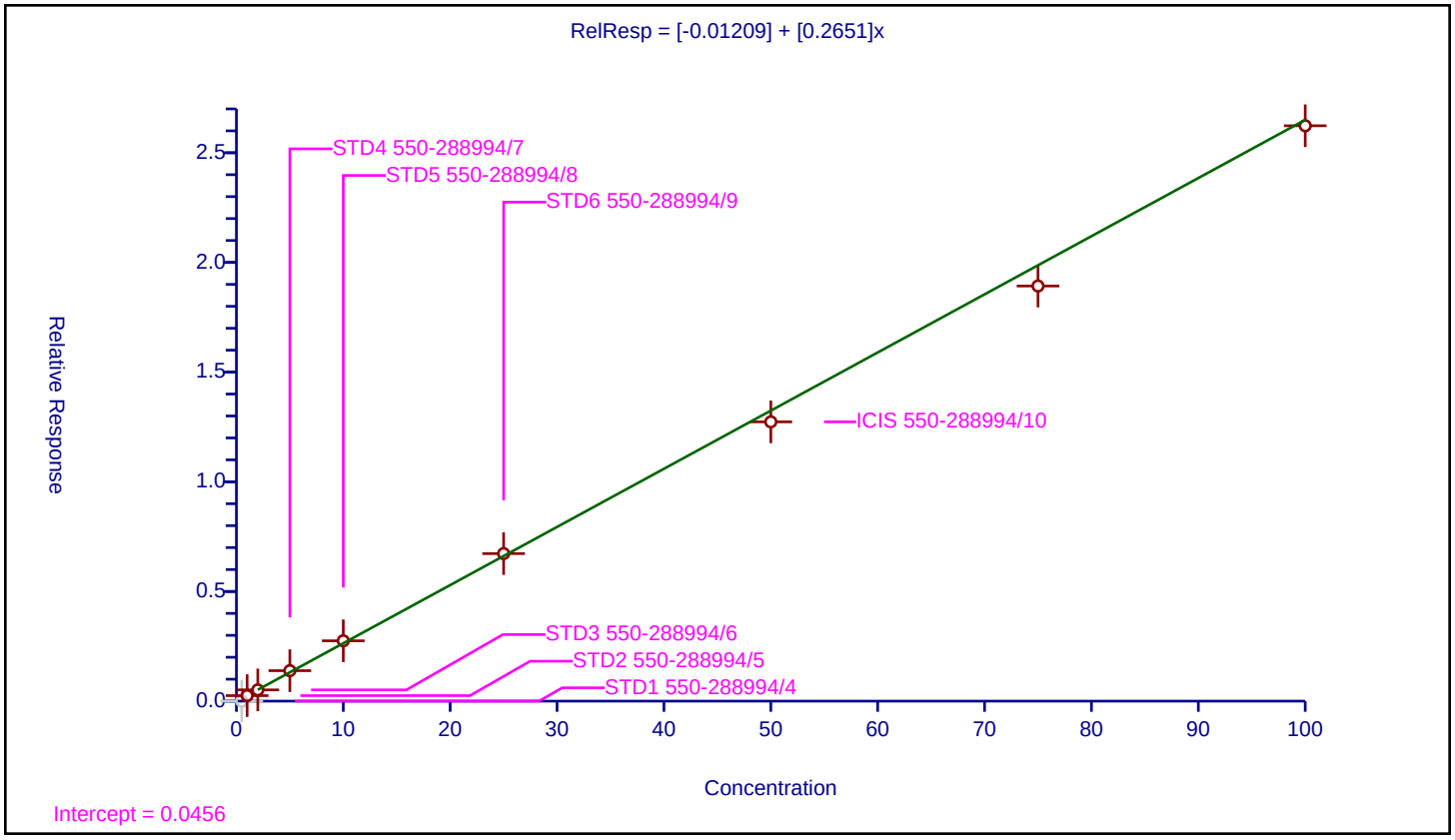
Curve Coefficients

Intercept:	-0.01209
Slope:	0.2651

Error Coefficients

Standard Error:	54600
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	68532.0	0.0	N
2	STD2 550-288994/5	1.0	0.250382	25.0	70692.0	0.250382	Y
3	STD3 550-288994/6	2.0	0.51302	25.0	66323.0	0.25651	Y
4	STD4 550-288994/7	5.0	1.388952	25.0	87944.0	0.27779	Y
5	STD5 550-288994/8	10.0	2.750527	25.0	93473.0	0.275053	Y
6	STD6 550-288994/9	25.0	6.725809	25.0	88402.0	0.269032	Y
7	ICIS 550-288994/10	50.0	12.733053	25.0	85710.0	0.254661	Y
8	STD8 550-288994/11	75.0	18.925422	25.0	95591.0	0.252339	Y
9	STD9 550-288994/12	100.0	26.231021	25.0	95632.0	0.26231	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

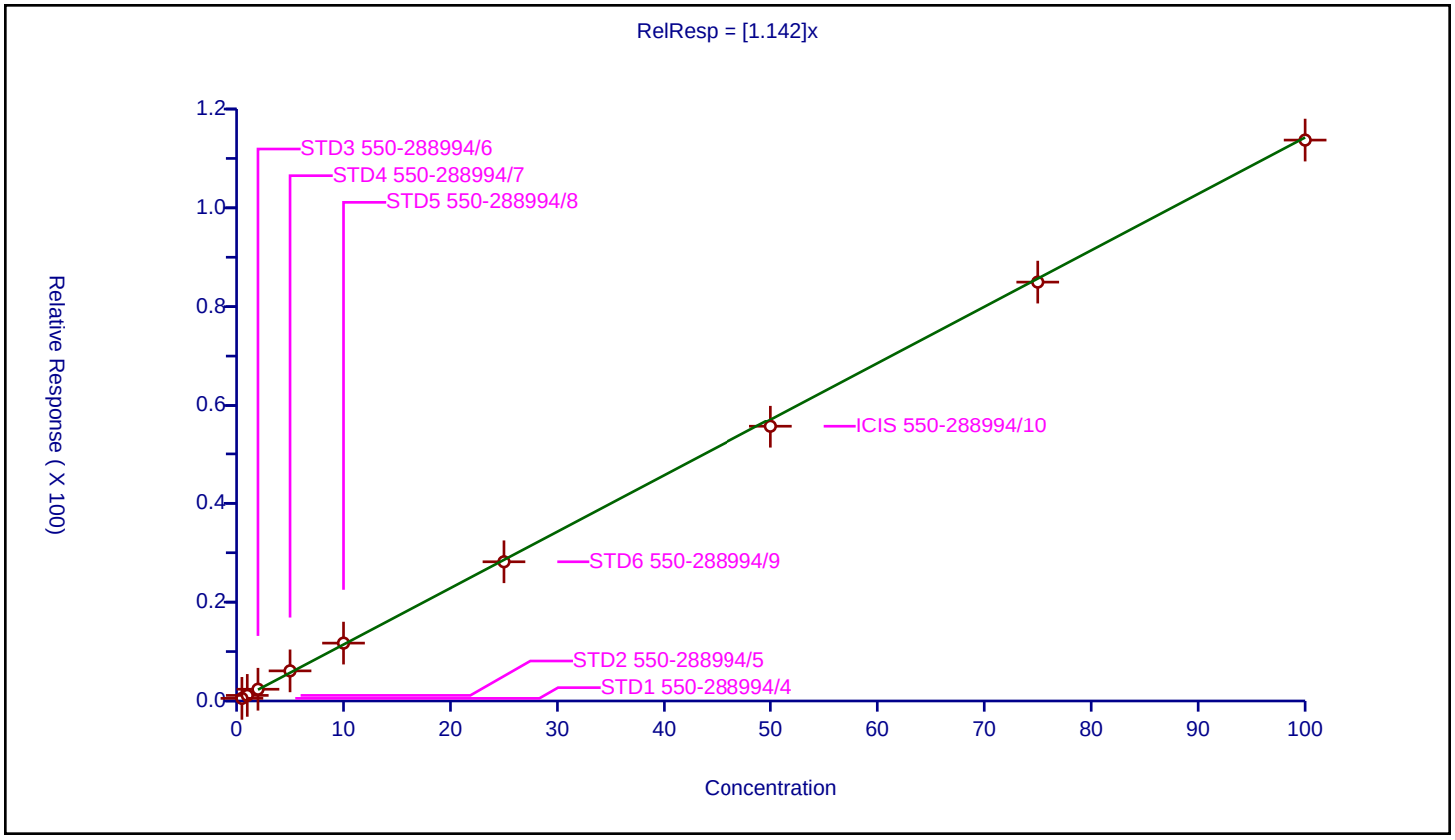
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	207000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.531139	25.0	68532.0	1.062277	Y
2	STD2 550-288994/5	1.0	1.13167	25.0	70692.0	1.13167	Y
3	STD3 550-288994/6	2.0	2.375496	25.0	66323.0	1.187748	Y
4	STD4 550-288994/7	5.0	6.097915	25.0	87944.0	1.219583	Y
5	STD5 550-288994/8	10.0	11.71381	25.0	93473.0	1.171381	Y
6	STD6 550-288994/9	25.0	28.172722	25.0	88402.0	1.126909	Y
7	ICIS 550-288994/10	50.0	55.603197	25.0	85710.0	1.112064	Y
8	STD8 550-288994/11	75.0	84.972696	25.0	95591.0	1.132969	Y
9	STD9 550-288994/12	100.0	113.714813	25.0	95632.0	1.137148	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

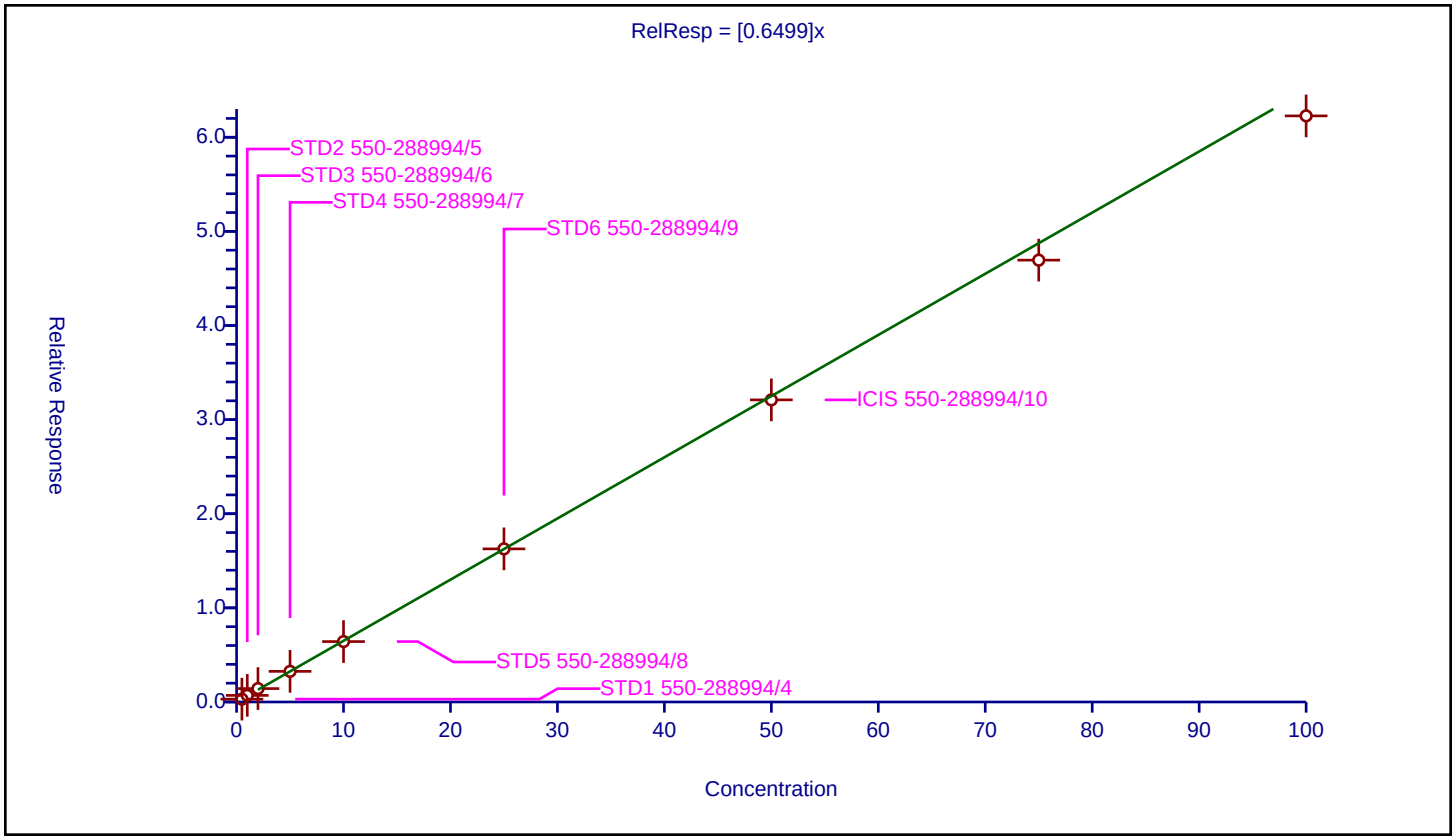
Curve Coefficients

Intercept:	0
Slope:	0.6499

Error Coefficients

Standard Error:	115000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.300954	25.0	68532.0	0.601909	Y
2	STD2 550-288994/5	1.0	0.701989	25.0	70692.0	0.701989	Y
3	STD3 550-288994/6	2.0	1.422583	25.0	66323.0	0.711292	Y
4	STD4 550-288994/7	5.0	3.254344	25.0	87944.0	0.650869	Y
5	STD5 550-288994/8	10.0	6.417361	25.0	93473.0	0.641736	Y
6	STD6 550-288994/9	25.0	16.267731	25.0	88402.0	0.650709	Y
7	ICIS 550-288994/10	50.0	32.097772	25.0	85710.0	0.641955	Y
8	STD8 550-288994/11	75.0	46.944273	25.0	95591.0	0.625924	Y
9	STD9 550-288994/12	100.0	62.270213	25.0	95632.0	0.622702	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

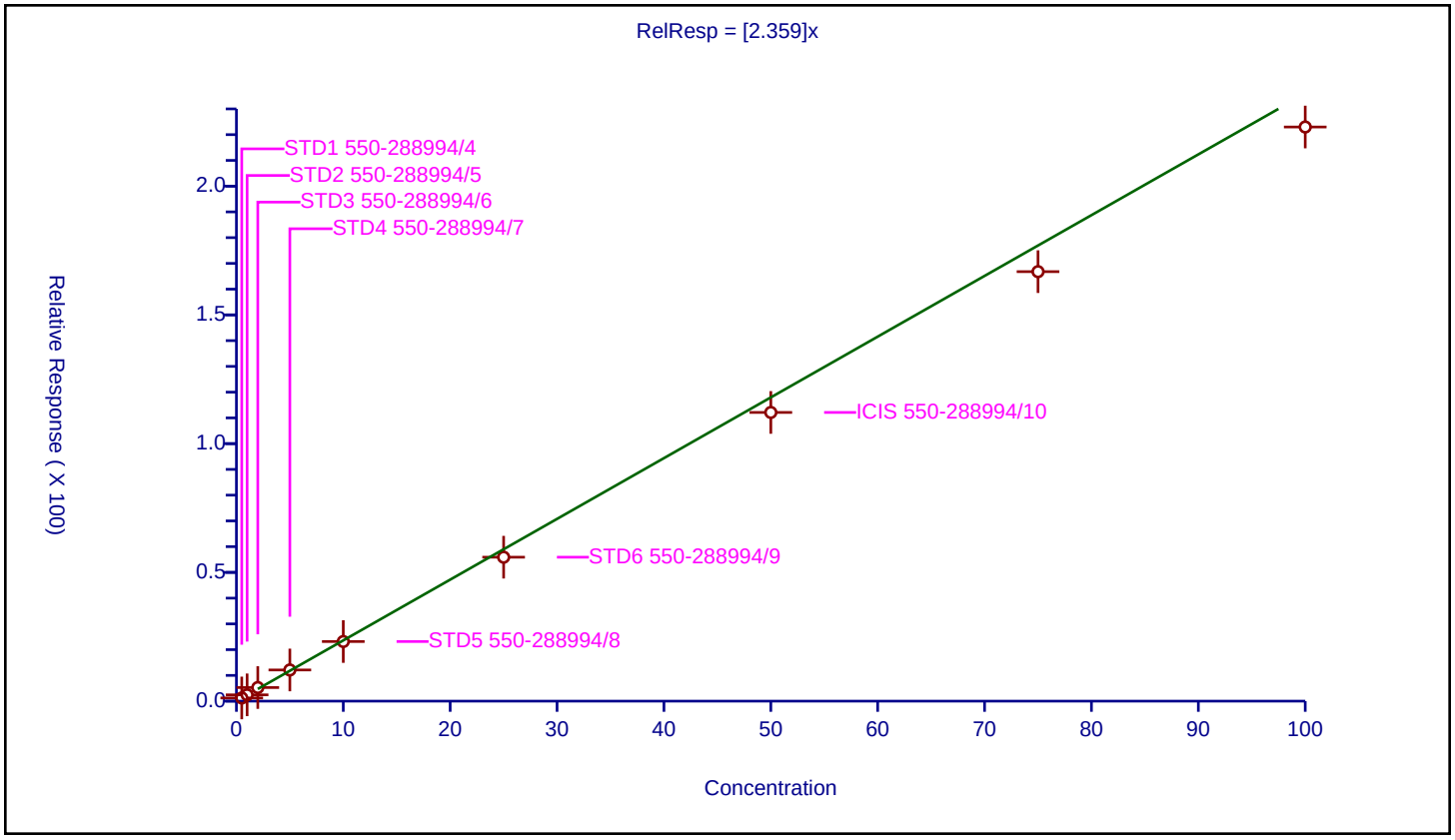
Curve Coefficients

Intercept:	0
Slope:	2.359

Error Coefficients

Standard Error:	408000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.237378	25.0	68532.0	2.474756	Y
2	STD2 550-288994/5	1.0	2.449358	25.0	70692.0	2.449358	Y
3	STD3 550-288994/6	2.0	5.276827	25.0	66323.0	2.638414	Y
4	STD4 550-288994/7	5.0	12.111685	25.0	87944.0	2.422337	Y
5	STD5 550-288994/8	10.0	23.153477	25.0	93473.0	2.315348	Y
6	STD6 550-288994/9	25.0	55.905409	25.0	88402.0	2.236216	Y
7	ICIS 550-288994/10	50.0	112.114981	25.0	85710.0	2.2423	Y
8	STD8 550-288994/11	75.0	166.789499	25.0	95591.0	2.22386	Y
9	STD9 550-288994/12	100.0	222.963286	25.0	95632.0	2.229633	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

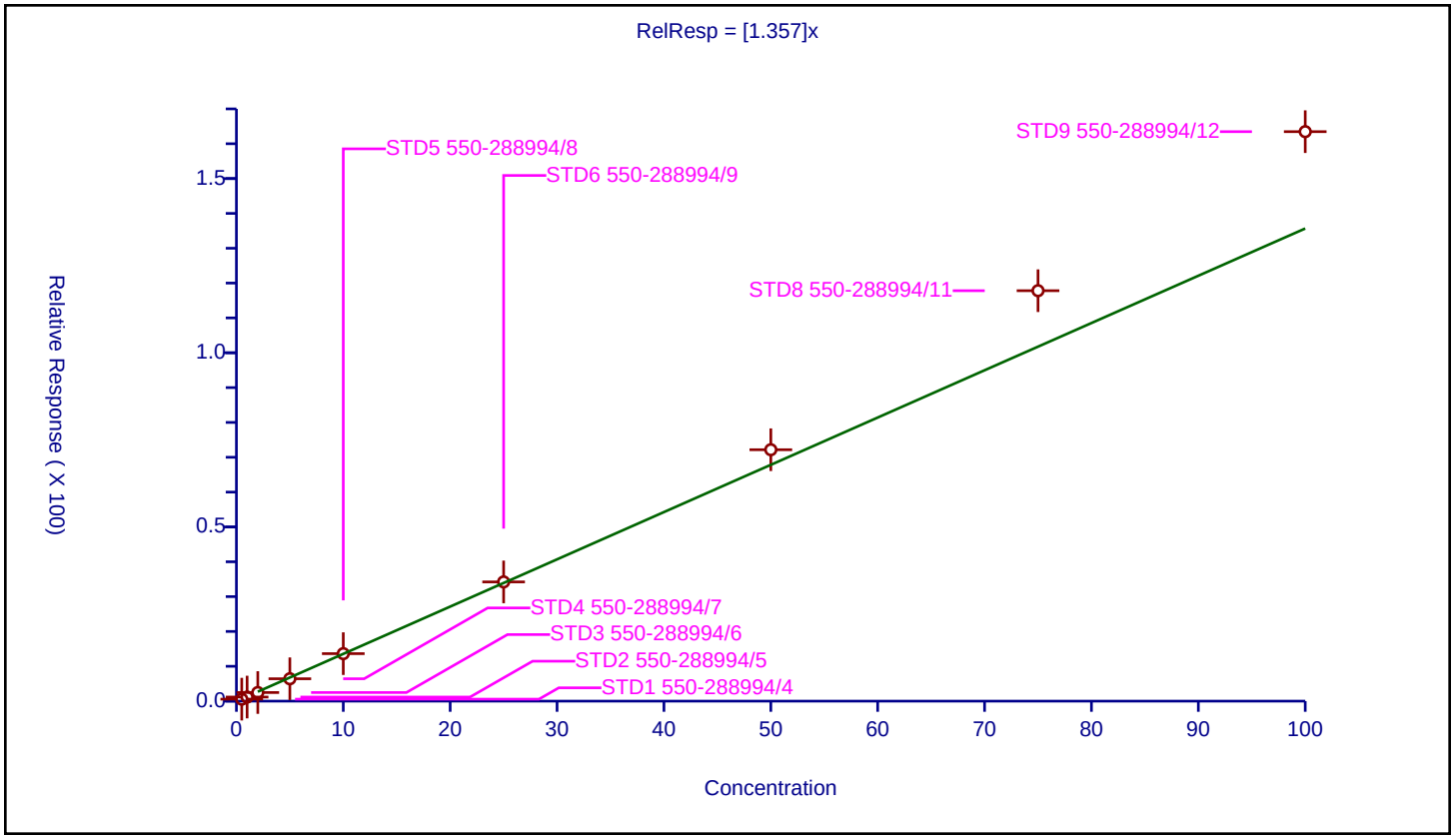
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	164000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.566533	25.0	54454.0	1.133066	Y
2	STD2 550-288994/5	1.0	1.172652	25.0	59310.0	1.172652	Y
3	STD3 550-288994/6	2.0	2.475767	25.0	55710.0	1.237884	Y
4	STD4 550-288994/7	5.0	6.427301	25.0	66342.0	1.28546	Y
5	STD5 550-288994/8	10.0	13.631474	25.0	65534.0	1.363147	Y
6	STD6 550-288994/9	25.0	34.22653	25.0	58787.0	1.369061	Y
7	ICIS 550-288994/10	50.0	72.168998	25.0	53965.0	1.44338	Y
8	STD8 550-288994/11	75.0	117.817601	25.0	54644.0	1.570901	Y
9	STD9 550-288994/12	100.0	163.466604	25.0	52387.0	1.634666	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

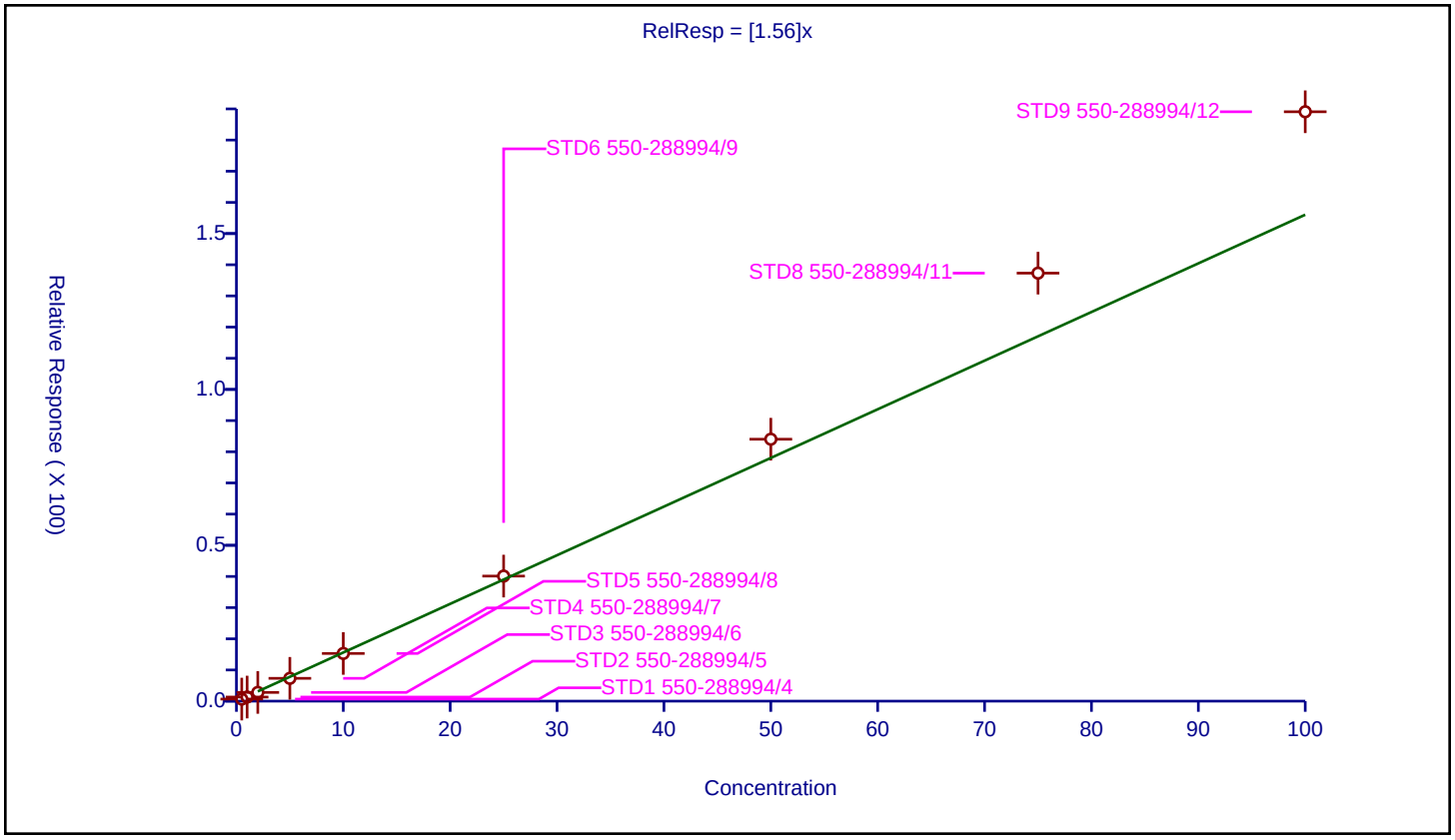
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Standard Error:	191000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.665699	25.0	54454.0	1.331399	Y
2	STD2 550-288994/5	1.0	1.310909	25.0	59310.0	1.310909	Y
3	STD3 550-288994/6	2.0	2.799767	25.0	55710.0	1.399883	Y
4	STD4 550-288994/7	5.0	7.322285	25.0	66342.0	1.464457	Y
5	STD5 550-288994/8	10.0	15.301218	25.0	65534.0	1.530122	Y
6	STD6 550-288994/9	25.0	40.116863	25.0	58787.0	1.604675	Y
7	ICIS 550-288994/10	50.0	84.032243	25.0	53965.0	1.680645	Y
8	STD8 550-288994/11	75.0	137.306932	25.0	54644.0	1.830759	Y
9	STD9 550-288994/12	100.0	189.078875	25.0	52387.0	1.890789	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

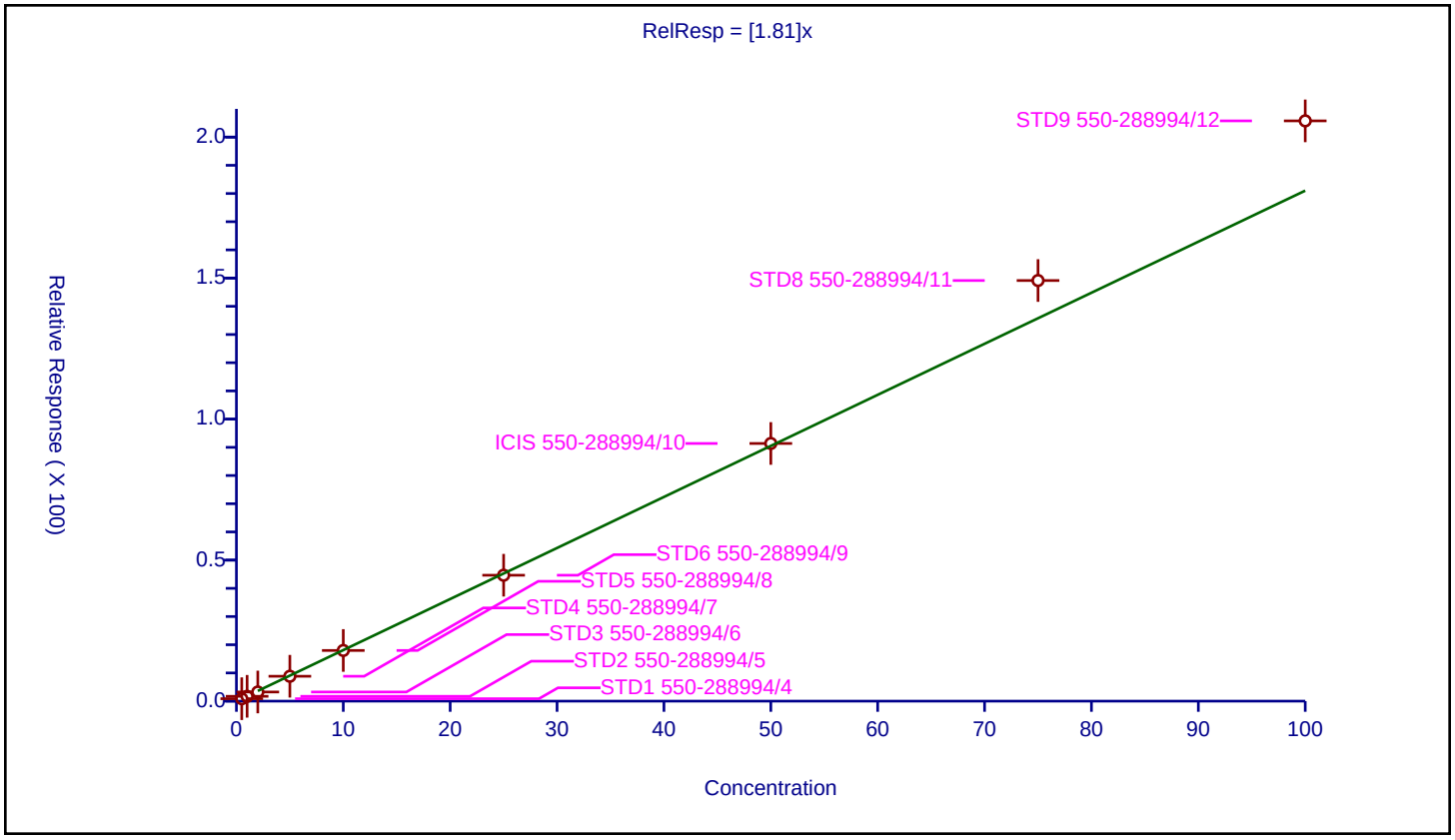
Curve Coefficients

Intercept:	0
Slope:	1.81

Error Coefficients

Standard Error:	208000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.867705	25.0	54454.0	1.73541	Y
2	STD2 550-288994/5	1.0	1.713033	25.0	59310.0	1.713033	Y
3	STD3 550-288994/6	2.0	3.243134	25.0	55710.0	1.621567	Y
4	STD4 550-288994/7	5.0	8.824726	25.0	66342.0	1.764945	Y
5	STD5 550-288994/8	10.0	17.968535	25.0	65534.0	1.796854	Y
6	STD6 550-288994/9	25.0	44.644224	25.0	58787.0	1.785769	Y
7	ICIS 550-288994/10	50.0	91.367553	25.0	53965.0	1.827351	Y
8	STD8 550-288994/11	75.0	149.142632	25.0	54644.0	1.988568	Y
9	STD9 550-288994/12	100.0	205.75429	25.0	52387.0	2.057543	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

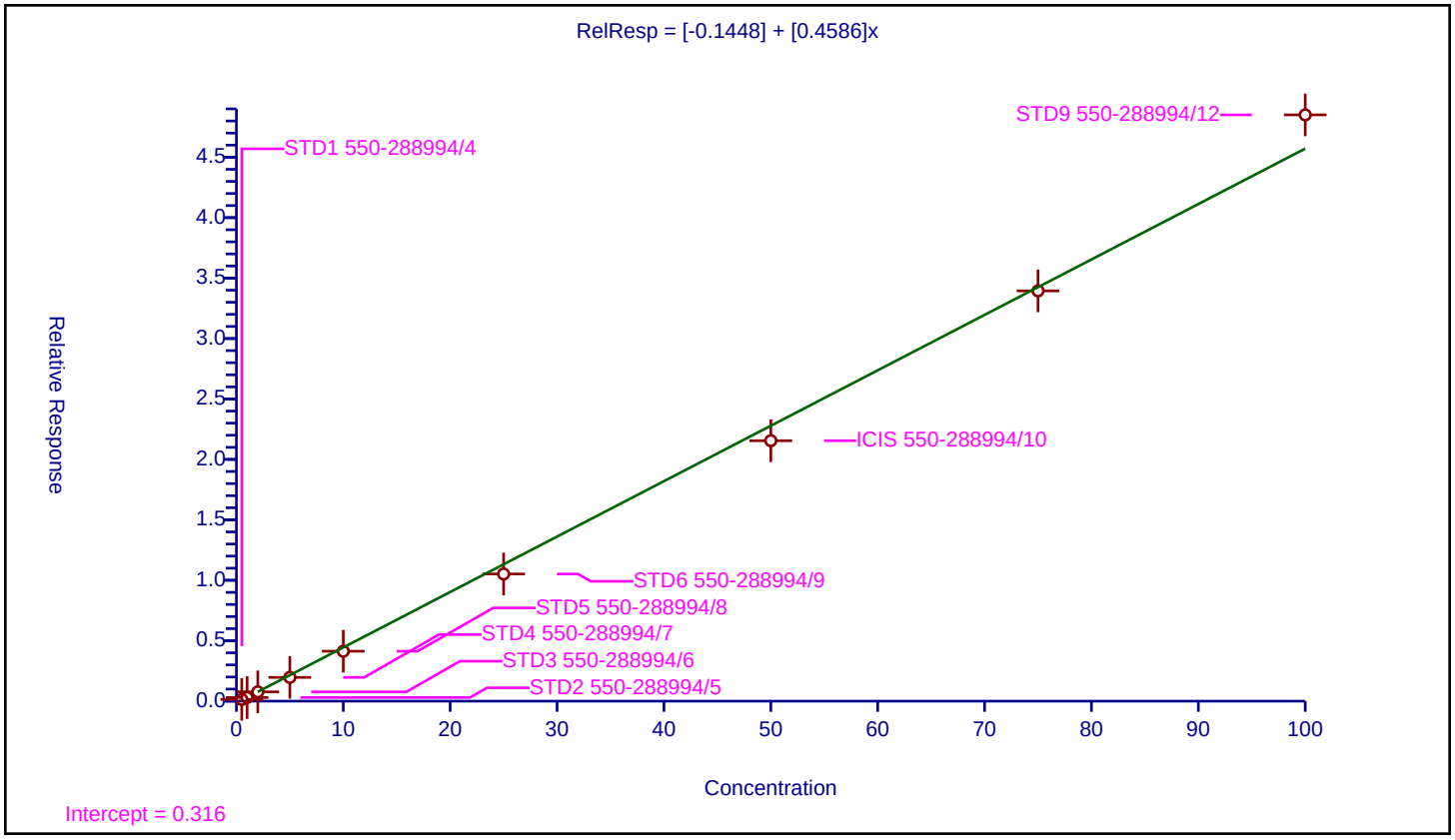
Curve Coefficients

Intercept:	-0.1448
Slope:	0.4586

Error Coefficients

Standard Error:	51700
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.141404	25.0	54454.0	0.282808	Y
2	STD2 550-288994/5	1.0	0.301804	25.0	59310.0	0.301804	Y
3	STD3 550-288994/6	2.0	0.76961	25.0	55710.0	0.384805	Y
4	STD4 550-288994/7	5.0	1.964442	25.0	66342.0	0.392888	Y
5	STD5 550-288994/8	10.0	4.131443	25.0	65534.0	0.413144	Y
6	STD6 550-288994/9	25.0	10.520608	25.0	58787.0	0.420824	Y
7	ICIS 550-288994/10	50.0	21.547299	25.0	53965.0	0.430946	Y
8	STD8 550-288994/11	75.0	33.943342	25.0	54644.0	0.452578	Y
9	STD9 550-288994/12	100.0	48.5044	25.0	52387.0	0.485044	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

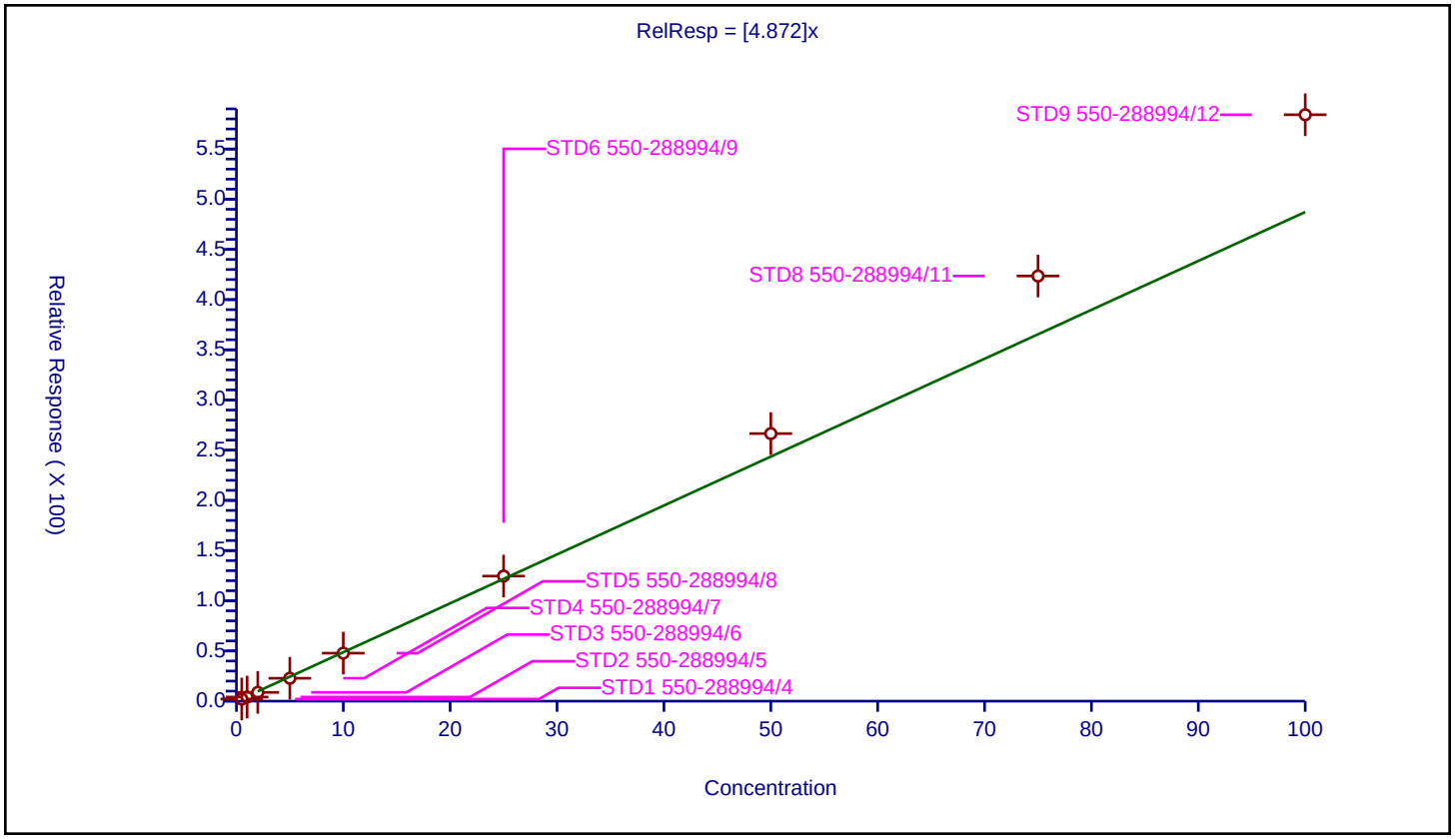
Curve Coefficients

Intercept:	0
Slope:	4.872

Error Coefficients

Standard Error:	591000
Relative Standard Error:	12.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.120138	25.0	54454.0	4.240276	Y
2	STD2 550-288994/5	1.0	4.099224	25.0	59310.0	4.099224	Y
3	STD3 550-288994/6	2.0	8.725094	25.0	55710.0	4.362547	Y
4	STD4 550-288994/7	5.0	22.81511	25.0	66342.0	4.563022	Y
5	STD5 550-288994/8	10.0	47.837764	25.0	65534.0	4.783776	Y
6	STD6 550-288994/9	25.0	124.595574	25.0	58787.0	4.983823	Y
7	ICIS 550-288994/10	50.0	266.549615	25.0	53965.0	5.330992	Y
8	STD8 550-288994/11	75.0	423.50441	25.0	54644.0	5.646725	Y
9	STD9 550-288994/12	100.0	584.175463	25.0	52387.0	5.841755	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

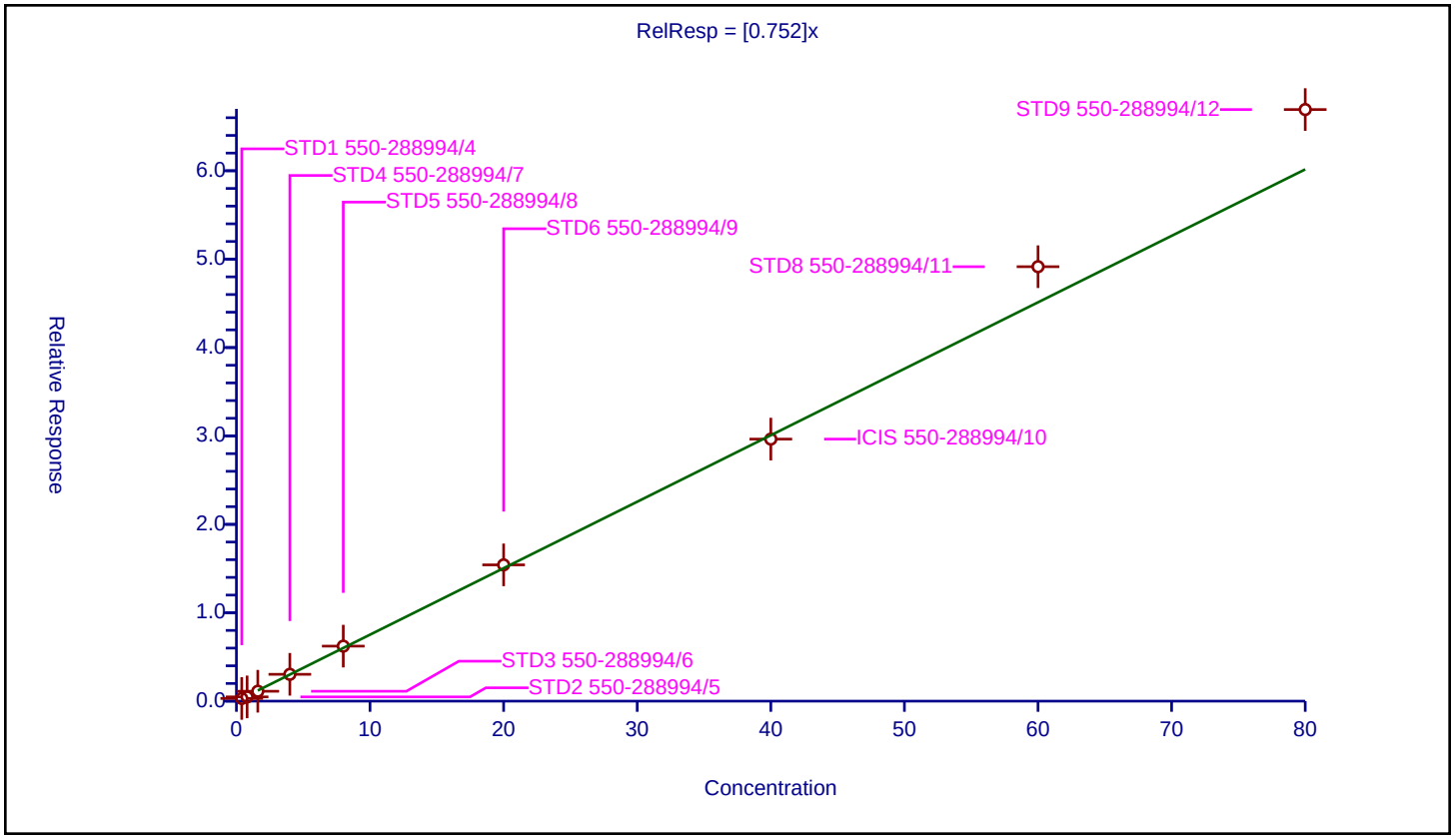
Curve Coefficients

Intercept:	0
Slope:	0.752

Error Coefficients

Standard Error:	67900
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.4	0.304844	25.0	54454.0	0.762111	Y
2	STD2 550-288994/5	0.8	0.480948	25.0	59310.0	0.601184	Y
3	STD3 550-288994/6	1.6	1.120535	25.0	55710.0	0.700334	Y
4	STD4 550-288994/7	4.0	3.035031	25.0	66342.0	0.758758	Y
5	STD5 550-288994/8	8.0	6.221961	25.0	65534.0	0.777745	Y
6	STD6 550-288994/9	20.0	15.415823	25.0	58787.0	0.770791	Y
7	ICIS 550-288994/10	40.0	29.643287	25.0	53965.0	0.741082	Y
8	STD8 550-288994/11	60.0	49.146292	25.0	54644.0	0.819105	Y
9	STD9 550-288994/12	80.0	66.925	25.0	52387.0	0.836563	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

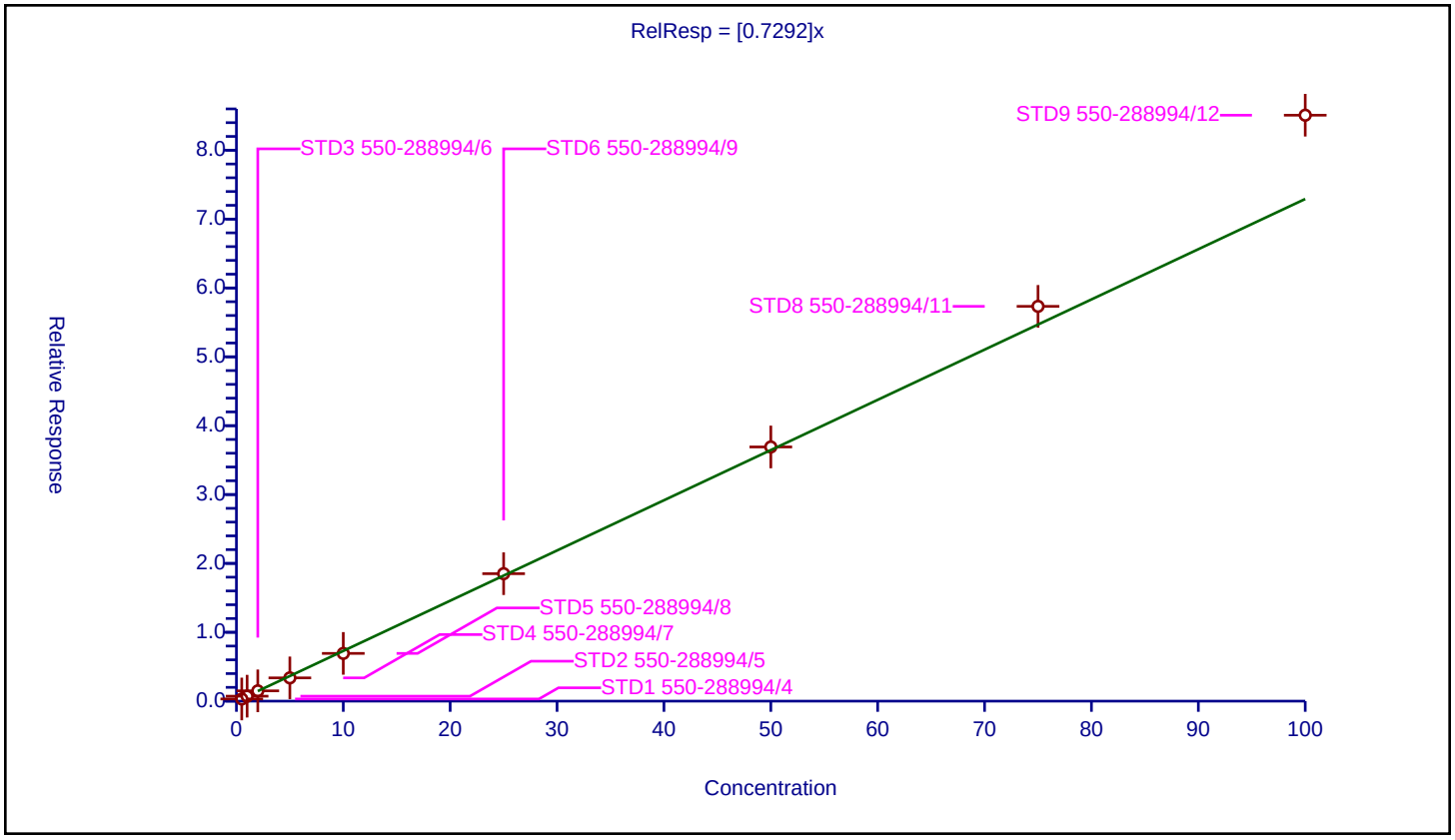
Curve Coefficients

Intercept:	0
Slope:	0.7292

Error Coefficients

Standard Error:	83700
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.315863	25.0	54454.0	0.631726	Y
2	STD2 550-288994/5	1.0	0.720789	25.0	59310.0	0.720789	Y
3	STD3 550-288994/6	2.0	1.494346	25.0	55710.0	0.747173	Y
4	STD4 550-288994/7	5.0	3.379458	25.0	66342.0	0.675892	Y
5	STD5 550-288994/8	10.0	6.931898	25.0	65534.0	0.69319	Y
6	STD6 550-288994/9	25.0	18.507068	25.0	58787.0	0.740283	Y
7	ICIS 550-288994/10	50.0	36.910498	25.0	53965.0	0.73821	Y
8	STD8 550-288994/11	75.0	57.325598	25.0	54644.0	0.764341	Y
9	STD9 550-288994/12	100.0	85.084563	25.0	52387.0	0.850846	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

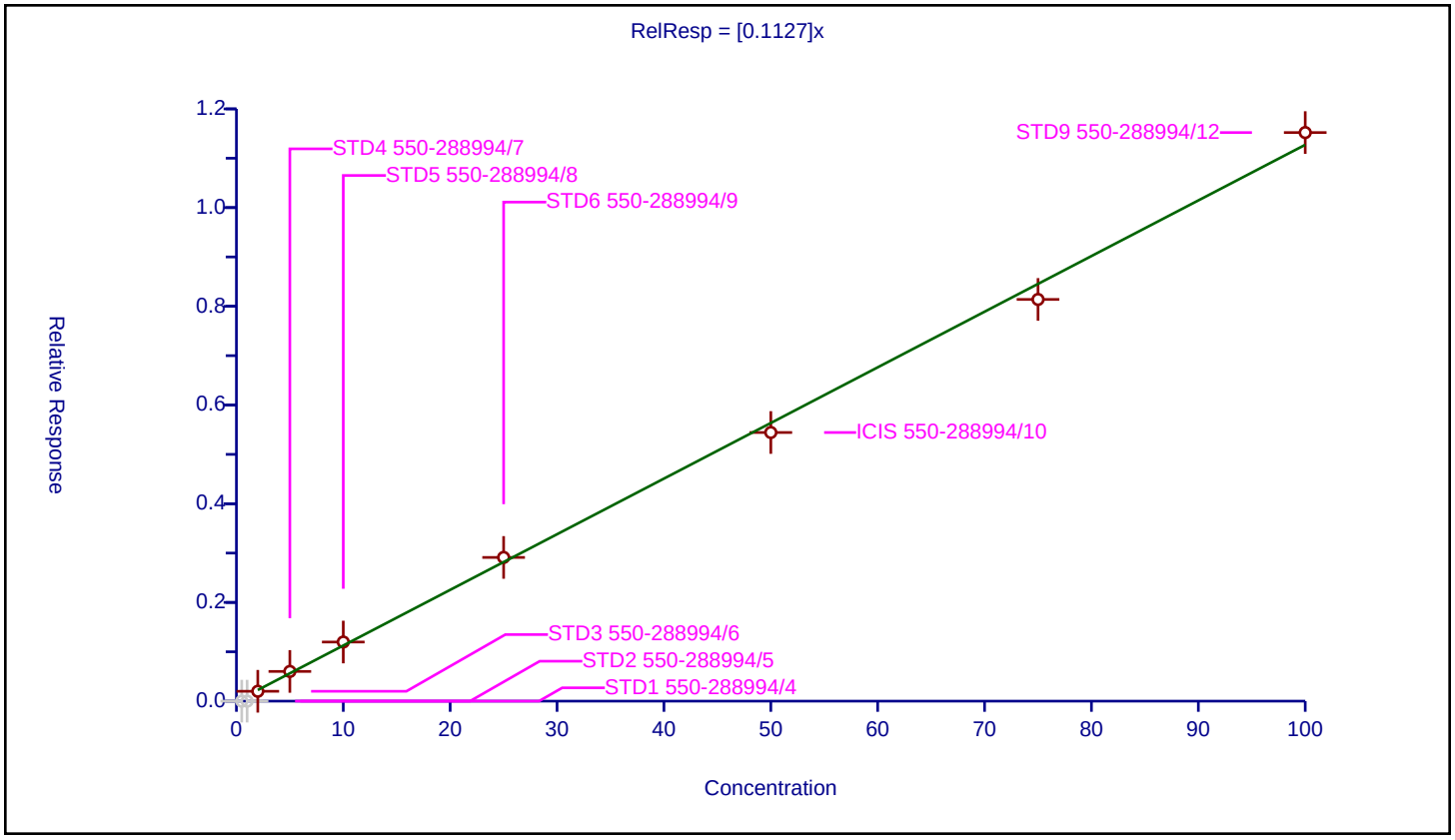
Curve Coefficients

Intercept:	0
Slope:	0.1127

Error Coefficients

Standard Error:	13500
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.0	25.0	59310.0	0.0	N
3	STD3 550-288994/6	2.0	0.199695	25.0	55710.0	0.099847	Y
4	STD4 550-288994/7	5.0	0.601806	25.0	66342.0	0.120361	Y
5	STD5 550-288994/8	10.0	1.197851	25.0	65534.0	0.119785	Y
6	STD6 550-288994/9	25.0	2.911783	25.0	58787.0	0.116471	Y
7	ICIS 550-288994/10	50.0	5.443343	25.0	53965.0	0.108867	Y
8	STD8 550-288994/11	75.0	8.139045	25.0	54644.0	0.108521	Y
9	STD9 550-288994/12	100.0	11.520034	25.0	52387.0	0.1152	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

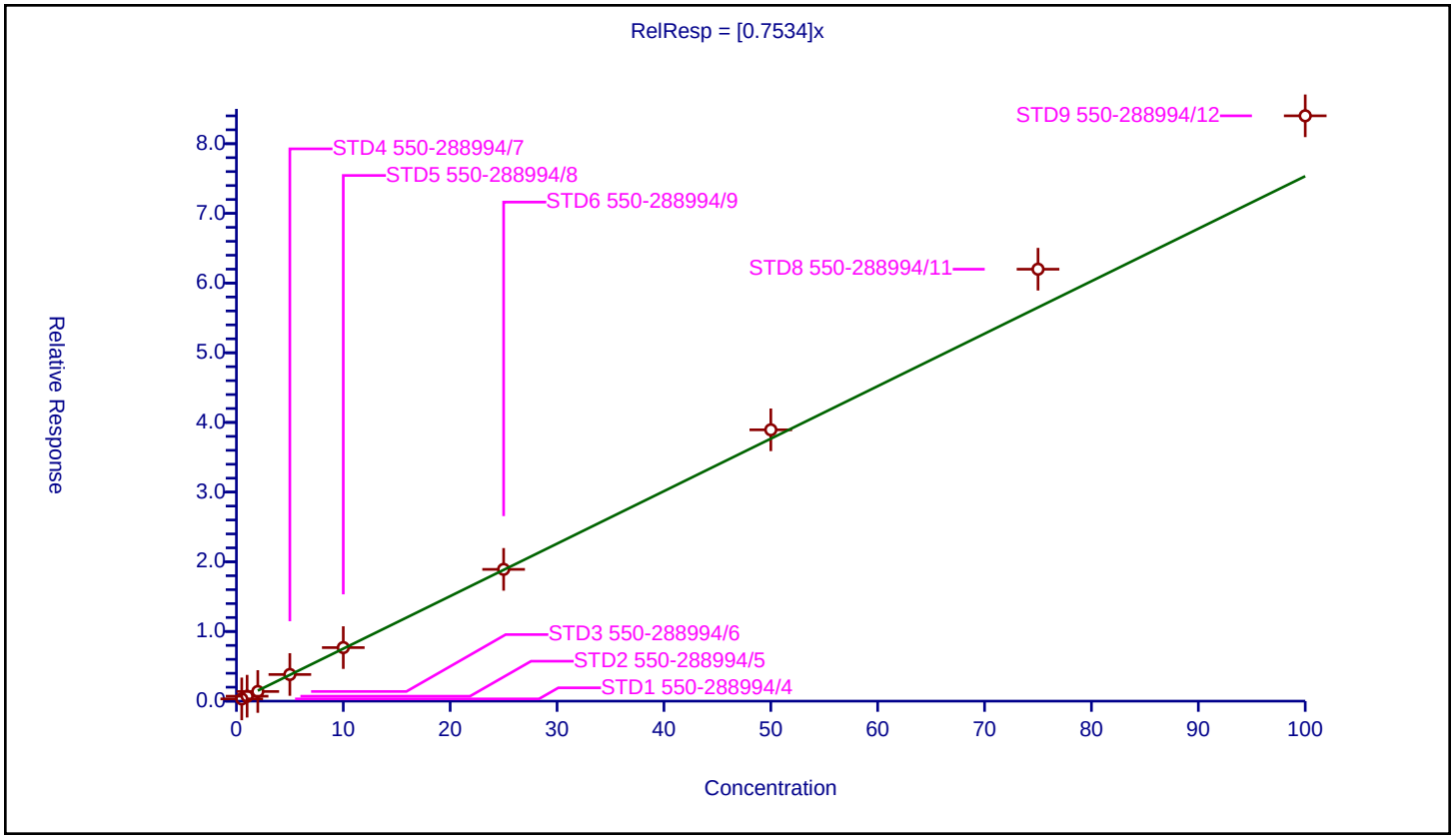
Curve Coefficients

Intercept:	0
Slope:	0.7534

Error Coefficients

Standard Error:	85800
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.321372	25.0	54454.0	0.642744	Y
2	STD2 550-288994/5	1.0	0.710251	25.0	59310.0	0.710251	Y
3	STD3 550-288994/6	2.0	1.384401	25.0	55710.0	0.692201	Y
4	STD4 550-288994/7	5.0	3.825631	25.0	66342.0	0.765126	Y
5	STD5 550-288994/8	10.0	7.684942	25.0	65534.0	0.768494	Y
6	STD6 550-288994/9	25.0	18.911494	25.0	58787.0	0.75646	Y
7	ICIS 550-288994/10	50.0	38.94237	25.0	53965.0	0.778847	Y
8	STD8 550-288994/11	75.0	61.990337	25.0	54644.0	0.826538	Y
9	STD9 550-288994/12	100.0	84.006051	25.0	52387.0	0.840061	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

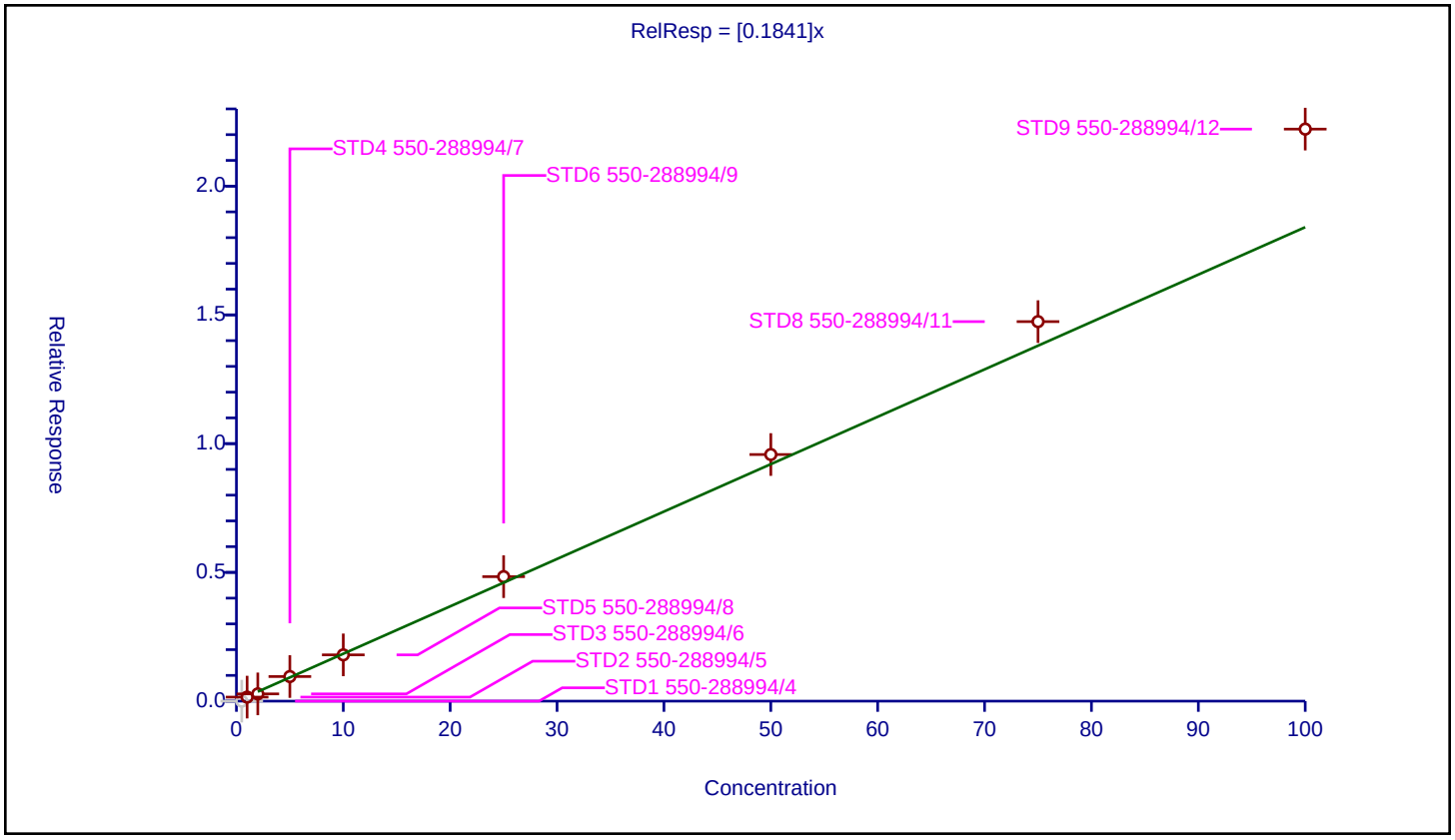
Curve Coefficients

Intercept:	0
Slope:	0.1841

Error Coefficients

Standard Error:	23300
Relative Standard Error:	13.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.156803	25.0	59310.0	0.156803	Y
3	STD3 550-288994/6	2.0	0.282265	25.0	55710.0	0.141133	Y
4	STD4 550-288994/7	5.0	0.955654	25.0	66342.0	0.191131	Y
5	STD5 550-288994/8	10.0	1.79754	25.0	65534.0	0.179754	Y
6	STD6 550-288994/9	25.0	4.834402	25.0	58787.0	0.193376	Y
7	ICIS 550-288994/10	50.0	9.577504	25.0	53965.0	0.19155	Y
8	STD8 550-288994/11	75.0	14.739038	25.0	54644.0	0.196521	Y
9	STD9 550-288994/12	100.0	22.214958	25.0	52387.0	0.22215	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

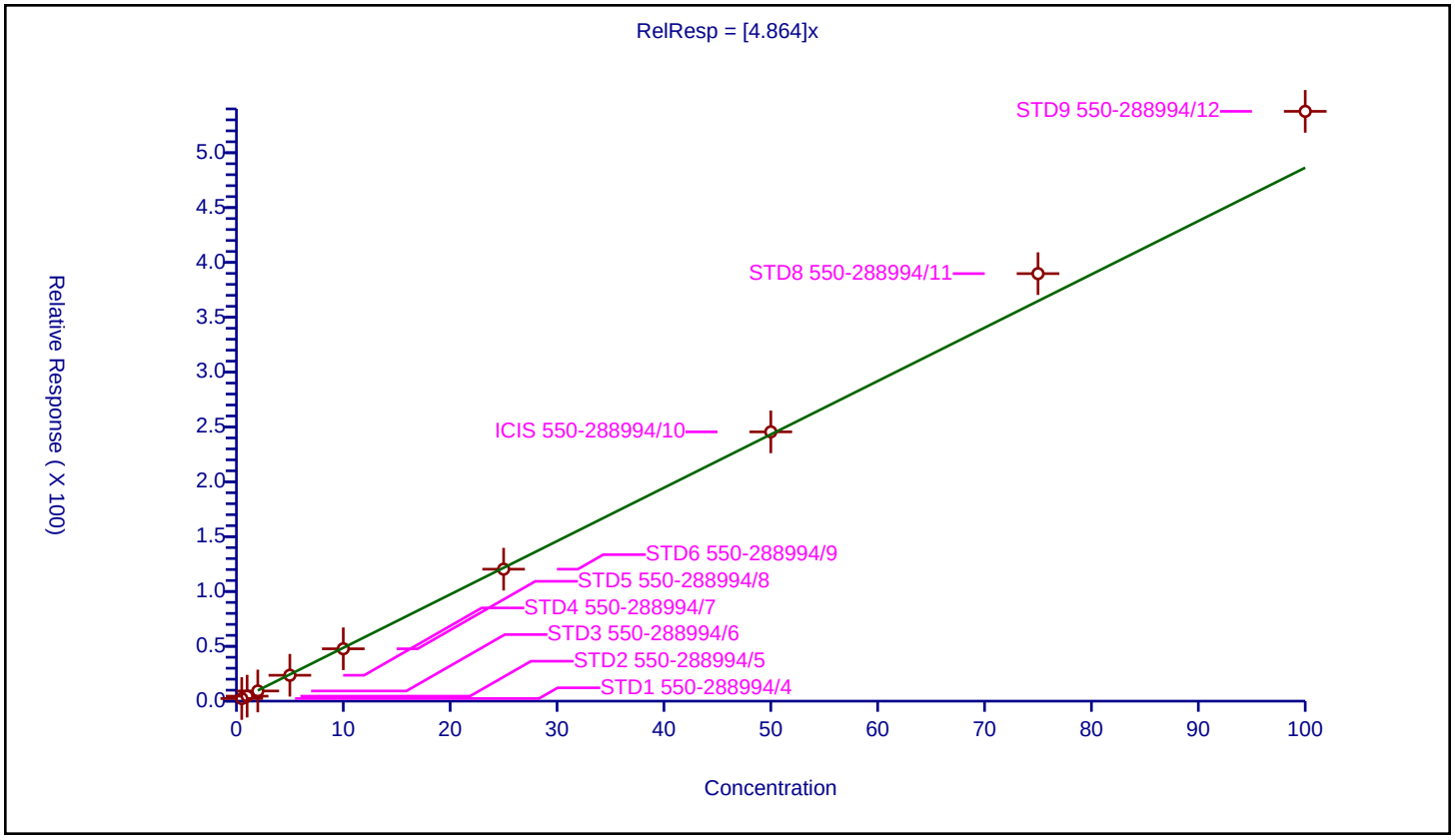
Curve Coefficients

Intercept:	0
Slope:	4.864

Error Coefficients

Standard Error:	545000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.396059	25.0	54454.0	4.792118	Y
2	STD2 550-288994/5	1.0	4.56289	25.0	59310.0	4.56289	Y
3	STD3 550-288994/6	2.0	9.258661	25.0	55710.0	4.62933	Y
4	STD4 550-288994/7	5.0	23.582346	25.0	66342.0	4.716469	Y
5	STD5 550-288994/8	10.0	47.74163	25.0	65534.0	4.774163	Y
6	STD6 550-288994/9	25.0	120.318693	25.0	58787.0	4.812748	Y
7	ICIS 550-288994/10	50.0	245.534606	25.0	53965.0	4.910692	Y
8	STD8 550-288994/11	75.0	389.801717	25.0	54644.0	5.197356	Y
9	STD9 550-288994/12	100.0	537.754596	25.0	52387.0	5.377546	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

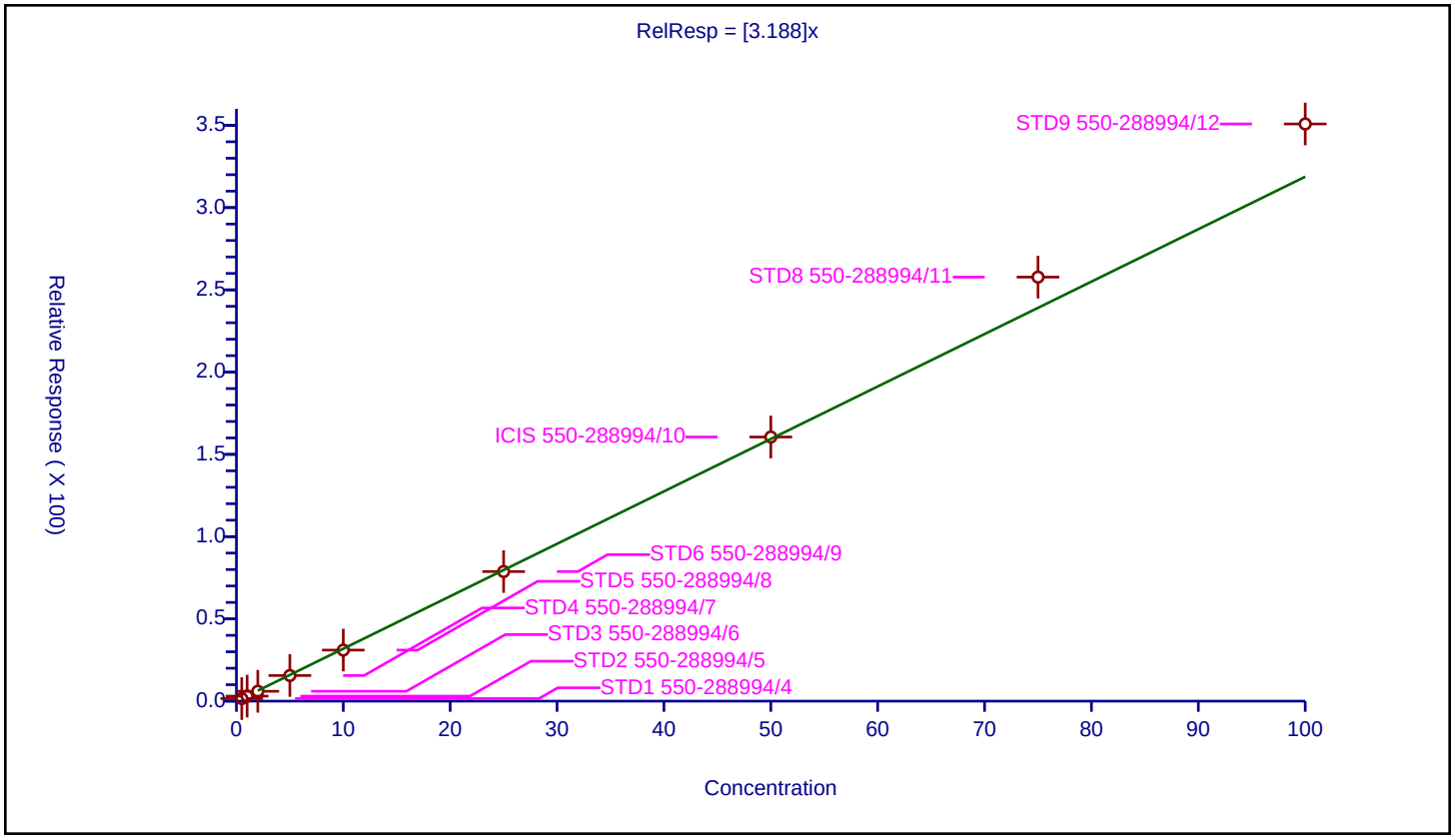
Curve Coefficients

Intercept:	0
Slope:	3.188

Error Coefficients

Standard Error:	357000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.562787	25.0	54454.0	3.125574	Y
2	STD2 550-288994/5	1.0	3.043753	25.0	59310.0	3.043753	Y
3	STD3 550-288994/6	2.0	5.994435	25.0	55710.0	2.997218	Y
4	STD4 550-288994/7	5.0	15.565554	25.0	66342.0	3.113111	Y
5	STD5 550-288994/8	10.0	31.022065	25.0	65534.0	3.102206	Y
6	STD6 550-288994/9	25.0	78.762737	25.0	58787.0	3.150509	Y
7	ICIS 550-288994/10	50.0	160.541091	25.0	53965.0	3.210822	Y
8	STD8 550-288994/11	75.0	257.74376	25.0	54644.0	3.436583	Y
9	STD9 550-288994/12	100.0	350.837517	25.0	52387.0	3.508375	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

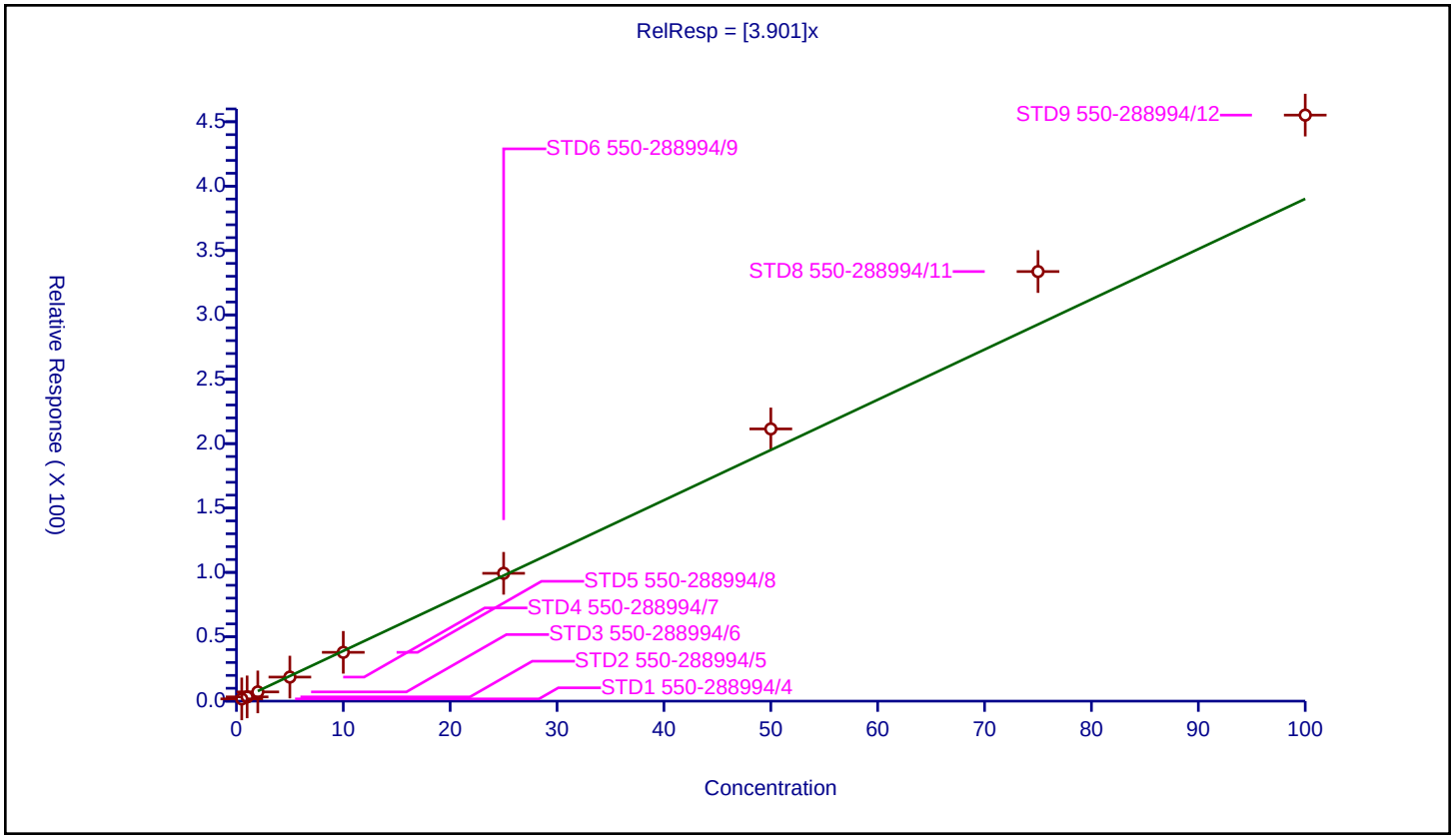
Curve Coefficients

Intercept:	0
Slope:	3.901

Error Coefficients

Standard Error:	463000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.749642	25.0	54454.0	3.499284	Y
2	STD2 550-288994/5	1.0	3.294133	25.0	59310.0	3.294133	Y
3	STD3 550-288994/6	2.0	7.176449	25.0	55710.0	3.588225	Y
4	STD4 550-288994/7	5.0	18.697055	25.0	66342.0	3.739411	Y
5	STD5 550-288994/8	10.0	37.898648	25.0	65534.0	3.789865	Y
6	STD6 550-288994/9	25.0	99.295337	25.0	58787.0	3.971813	Y
7	ICIS 550-288994/10	50.0	211.422218	25.0	53965.0	4.228444	Y
8	STD8 550-288994/11	75.0	333.659688	25.0	54644.0	4.448796	Y
9	STD9 550-288994/12	100.0	455.181629	25.0	52387.0	4.551816	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

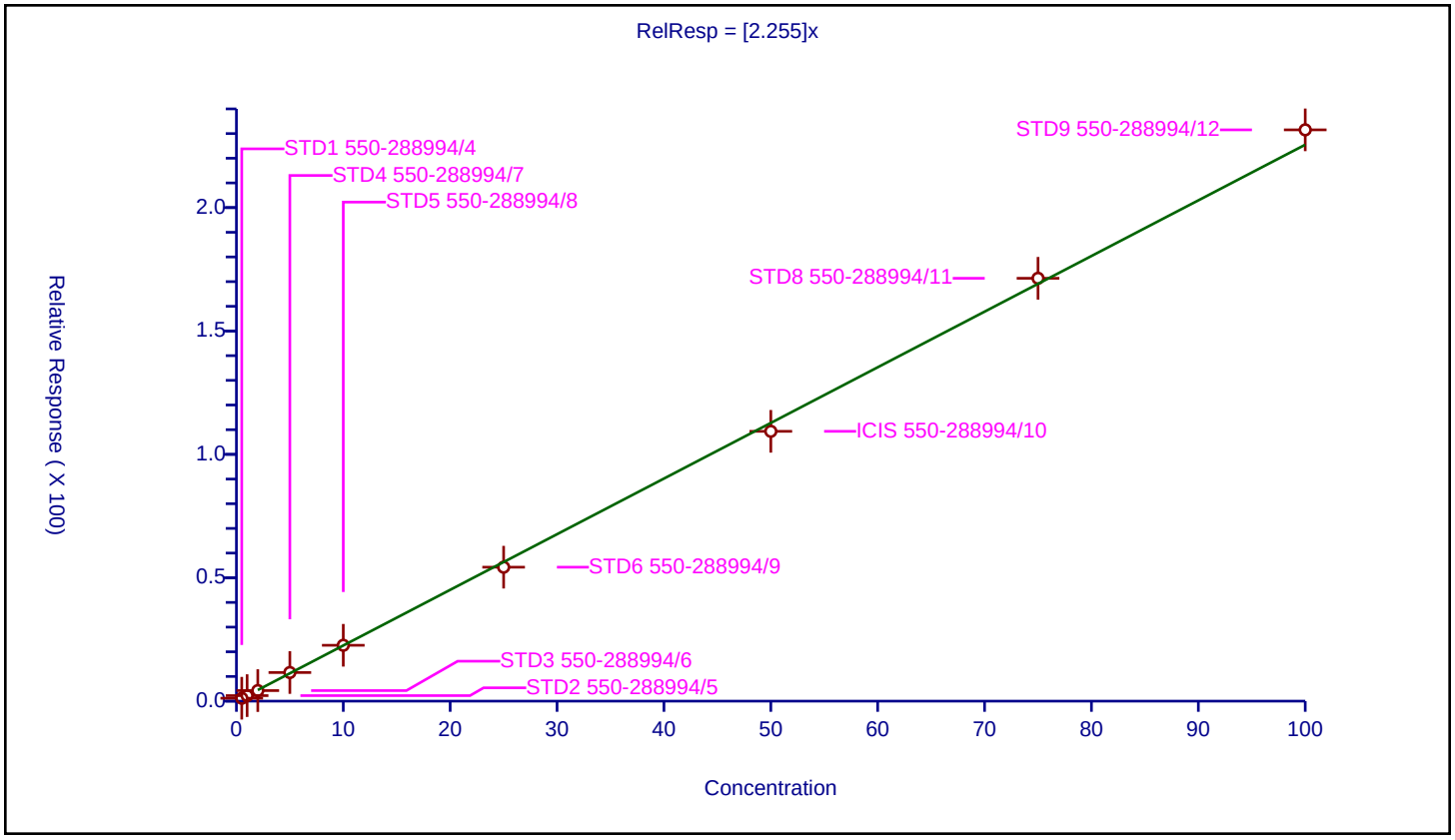
Curve Coefficients

Intercept:	0
Slope:	2.255

Error Coefficients

Standard Error:	238000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.183109	25.0	54454.0	2.366217	Y
2	STD2 550-288994/5	1.0	2.243719	25.0	59310.0	2.243719	Y
3	STD3 550-288994/6	2.0	4.282445	25.0	55710.0	2.141222	Y
4	STD4 550-288994/7	5.0	11.600871	25.0	66342.0	2.320174	Y
5	STD5 550-288994/8	10.0	22.635197	25.0	65534.0	2.26352	Y
6	STD6 550-288994/9	25.0	54.287513	25.0	58787.0	2.171501	Y
7	ICIS 550-288994/10	50.0	109.336144	25.0	53965.0	2.186723	Y
8	STD8 550-288994/11	75.0	171.356874	25.0	54644.0	2.284758	Y
9	STD9 550-288994/12	100.0	231.509248	25.0	52387.0	2.315092	Y



Calibration / tert-Butylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

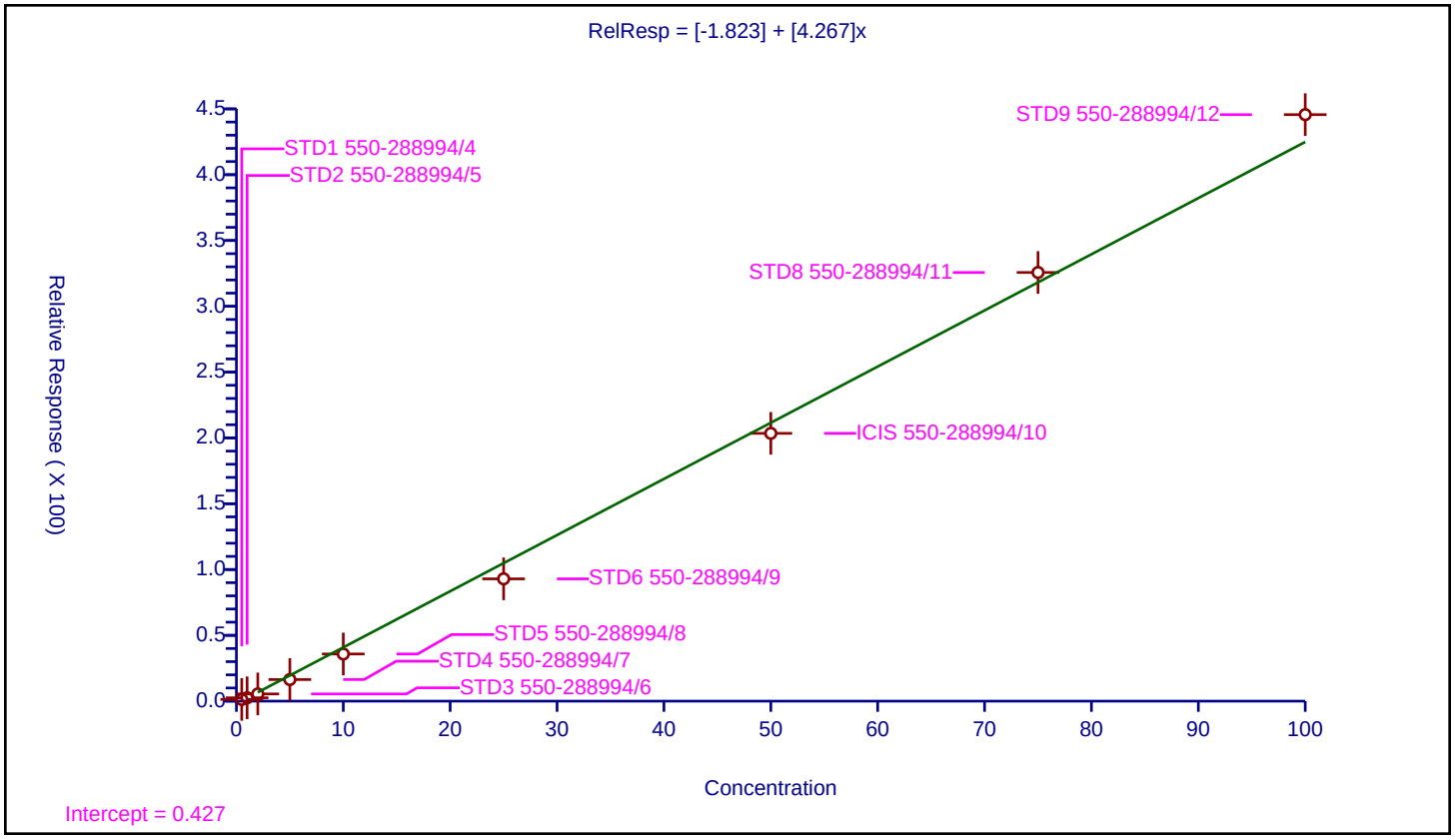
Curve Coefficients

Intercept:	-1.823
Slope:	4.267

Error Coefficients

Standard Error:	482000
Relative Standard Error:	20.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.304771	25.0	54454.0	2.609542	Y
2	STD2 550-288994/5	1.0	2.5333	25.0	59310.0	2.5333	Y
3	STD3 550-288994/6	2.0	5.465356	25.0	55710.0	2.732678	Y
4	STD4 550-288994/7	5.0	16.402505	25.0	66342.0	3.280501	Y
5	STD5 550-288994/8	10.0	35.824534	25.0	65534.0	3.582453	Y
6	STD6 550-288994/9	25.0	92.924456	25.0	58787.0	3.716978	Y
7	ICIS 550-288994/10	50.0	203.48096	25.0	53965.0	4.069619	Y
8	STD8 550-288994/11	75.0	325.70456	25.0	54644.0	4.342727	Y
9	STD9 550-288994/12	100.0	445.637276	25.0	52387.0	4.456373	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

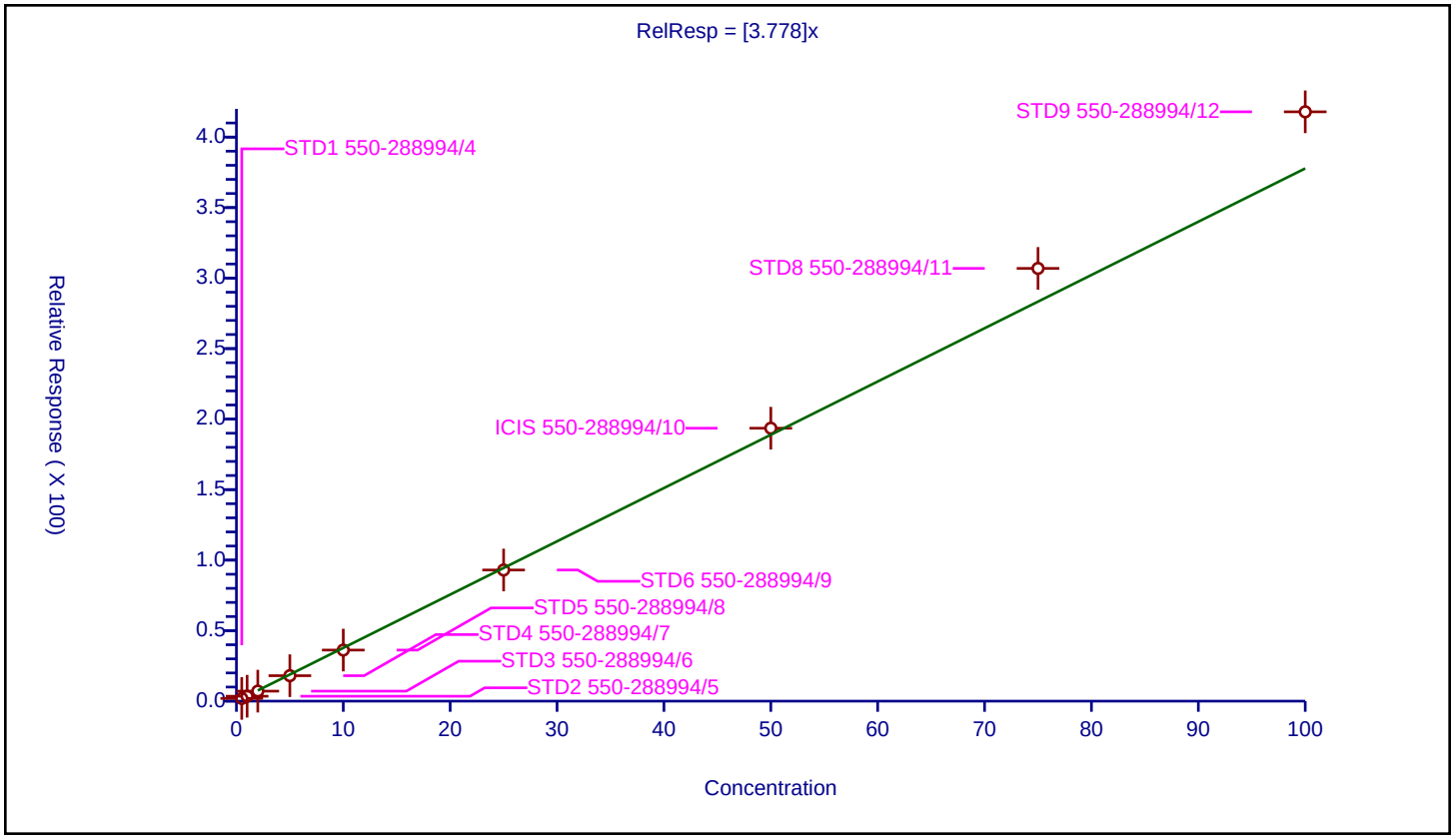
Curve Coefficients

Intercept:	0
Slope:	3.778

Error Coefficients

Standard Error:	426000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.930069	25.0	54454.0	3.860139	Y
2	STD2 550-288994/5	1.0	3.492666	25.0	59310.0	3.492666	Y
3	STD3 550-288994/6	2.0	7.10061	25.0	55710.0	3.550305	Y
4	STD4 550-288994/7	5.0	18.053797	25.0	66342.0	3.610759	Y
5	STD5 550-288994/8	10.0	36.223563	25.0	65534.0	3.622356	Y
6	STD6 550-288994/9	25.0	93.001004	25.0	58787.0	3.72004	Y
7	ICIS 550-288994/10	50.0	193.547207	25.0	53965.0	3.870944	Y
8	STD8 550-288994/11	75.0	306.877242	25.0	54644.0	4.091697	Y
9	STD9 550-288994/12	100.0	417.929544	25.0	52387.0	4.179295	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

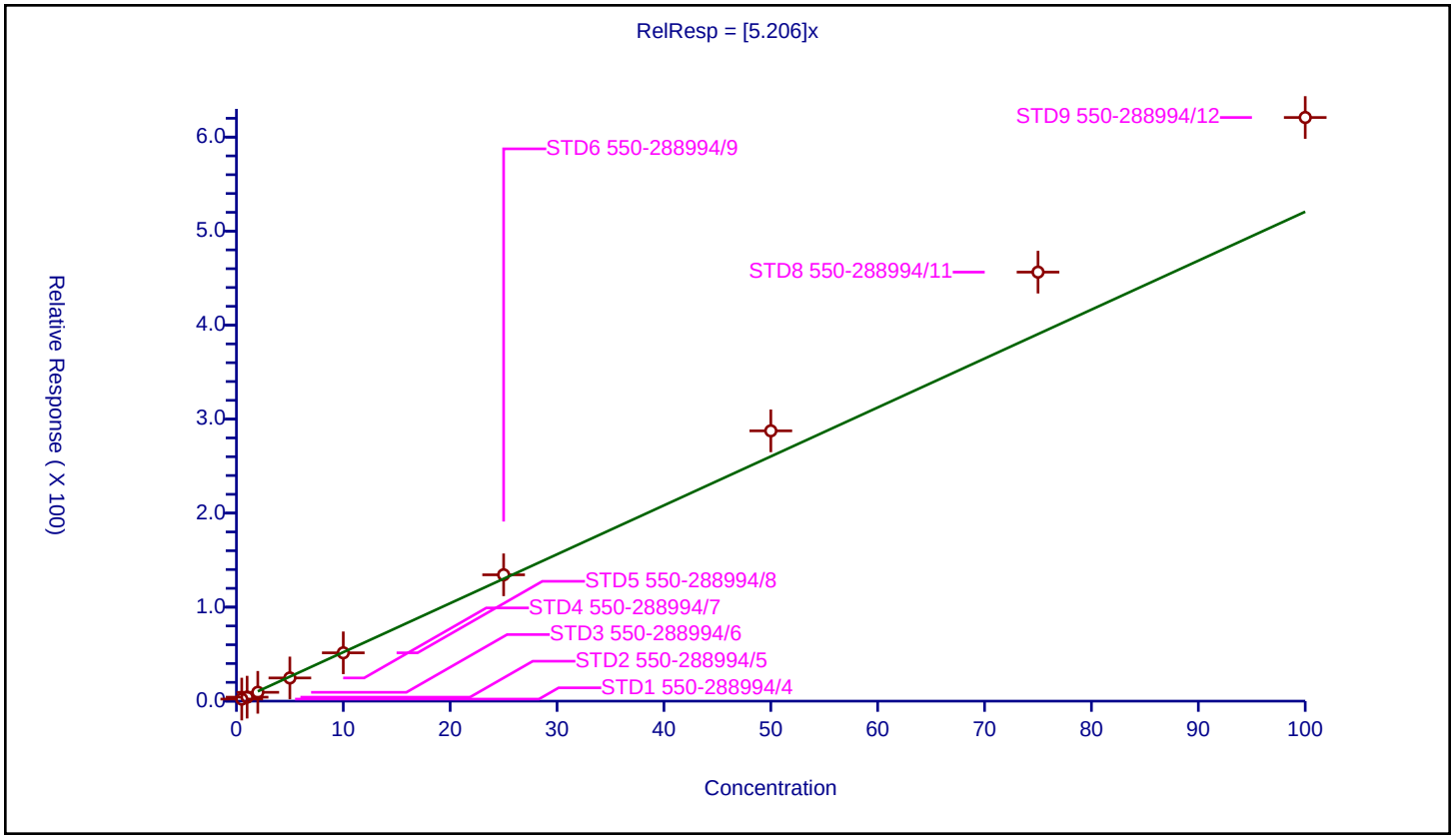
Curve Coefficients

Intercept:	0
Slope:	5.206

Error Coefficients

Standard Error:	632000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.205072	25.0	54454.0	4.410144	Y
2	STD2 550-288994/5	1.0	4.247597	25.0	59310.0	4.247597	Y
3	STD3 550-288994/6	2.0	9.403159	25.0	55710.0	4.70158	Y
4	STD4 550-288994/7	5.0	24.670269	25.0	66342.0	4.934054	Y
5	STD5 550-288994/8	10.0	51.410337	25.0	65534.0	5.141034	Y
6	STD6 550-288994/9	25.0	134.394084	25.0	58787.0	5.375763	Y
7	ICIS 550-288994/10	50.0	287.52988	25.0	53965.0	5.750598	Y
8	STD8 550-288994/11	75.0	456.359344	25.0	54644.0	6.084791	Y
9	STD9 550-288994/12	100.0	620.844389	25.0	52387.0	6.208444	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

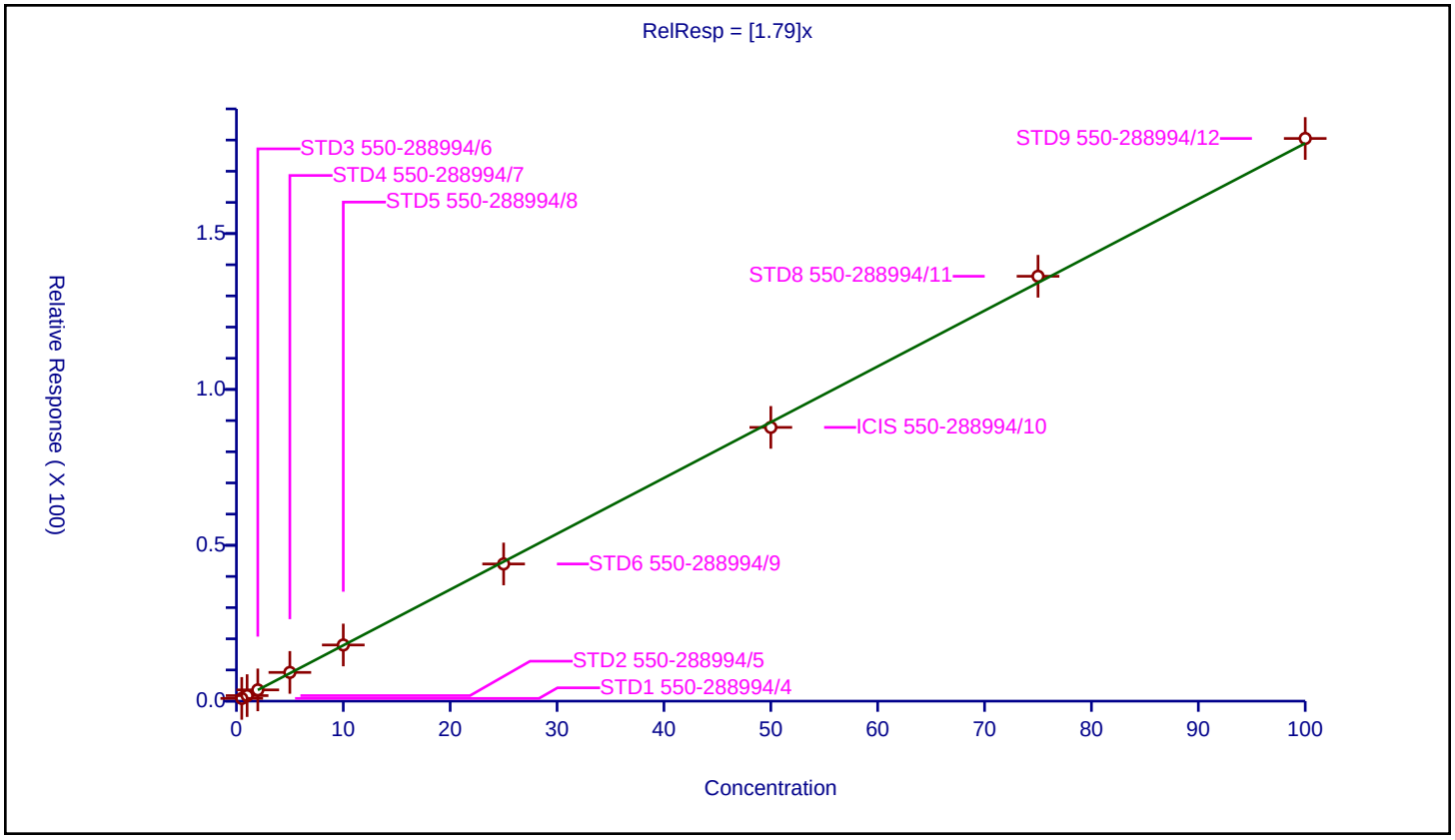
Curve Coefficients

Intercept:	0
Slope:	1.79

Error Coefficients

Standard Error:	187000
Relative Standard Error:	1.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.871837	25.0	54454.0	1.743674	Y
2	STD2 550-288994/5	1.0	1.772888	25.0	59310.0	1.772888	Y
3	STD3 550-288994/6	2.0	3.612906	25.0	55710.0	1.806453	Y
4	STD4 550-288994/7	5.0	9.213243	25.0	66342.0	1.842649	Y
5	STD5 550-288994/8	10.0	18.012787	25.0	65534.0	1.801279	Y
6	STD6 550-288994/9	25.0	44.011856	25.0	58787.0	1.760474	Y
7	ICIS 550-288994/10	50.0	87.828222	25.0	53965.0	1.756564	Y
8	STD8 550-288994/11	75.0	136.302247	25.0	54644.0	1.817363	Y
9	STD9 550-288994/12	100.0	180.505183	25.0	52387.0	1.805052	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

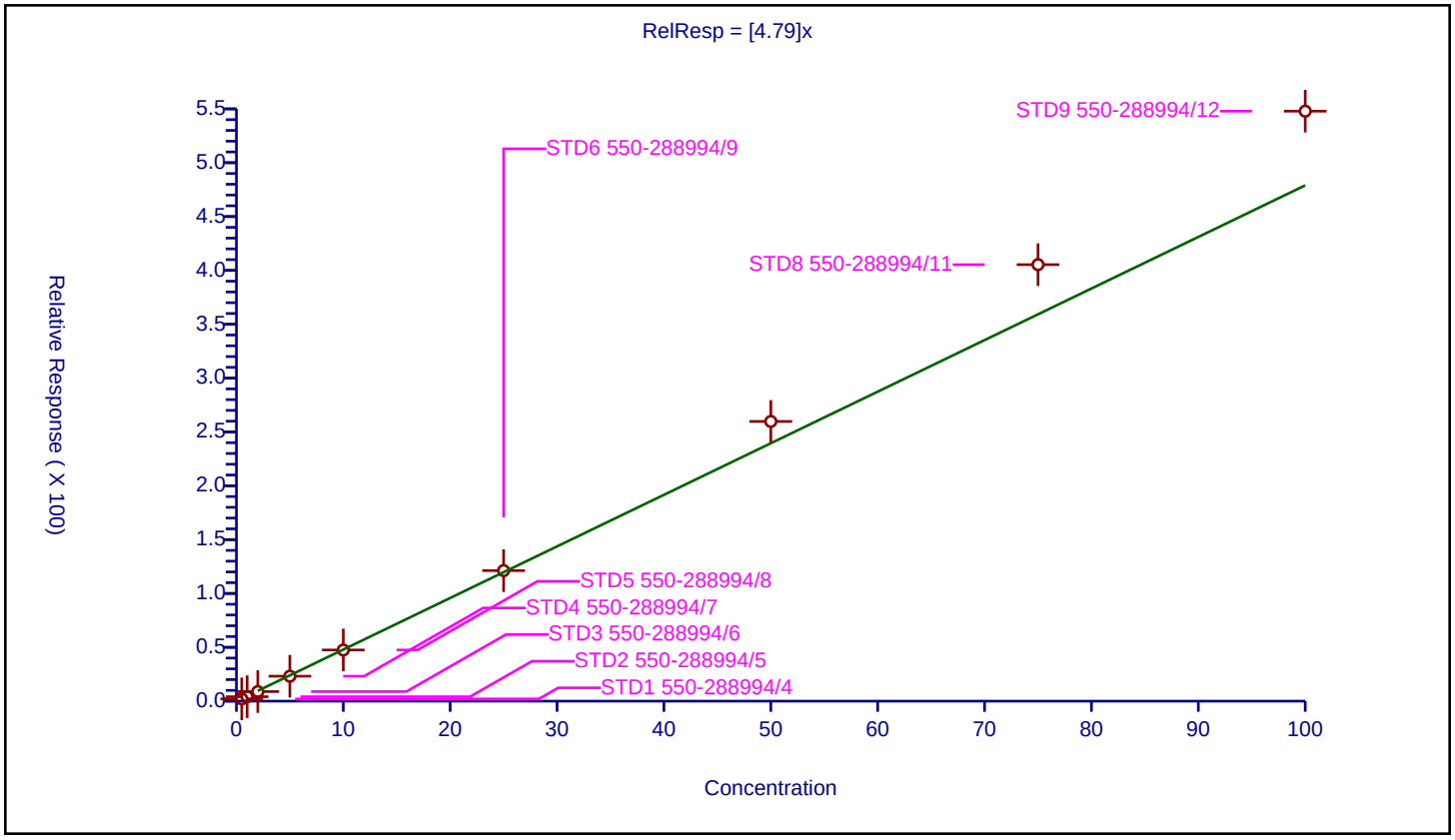
Curve Coefficients

Intercept:	0
Slope:	4.79

Error Coefficients

Standard Error:	561000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.11922	25.0	54454.0	4.23844	Y
2	STD2 550-288994/5	1.0	4.11735	25.0	59310.0	4.11735	Y
3	STD3 550-288994/6	2.0	8.88126	25.0	55710.0	4.44063	Y
4	STD4 550-288994/7	5.0	23.162175	25.0	66342.0	4.632435	Y
5	STD5 550-288994/8	10.0	47.513504	25.0	65534.0	4.75135	Y
6	STD6 550-288994/9	25.0	121.227908	25.0	58787.0	4.849116	Y
7	ICIS 550-288994/10	50.0	259.73733	25.0	53965.0	5.194747	Y
8	STD8 550-288994/11	75.0	405.352829	25.0	54644.0	5.404704	Y
9	STD9 550-288994/12	100.0	547.871132	25.0	52387.0	5.478711	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

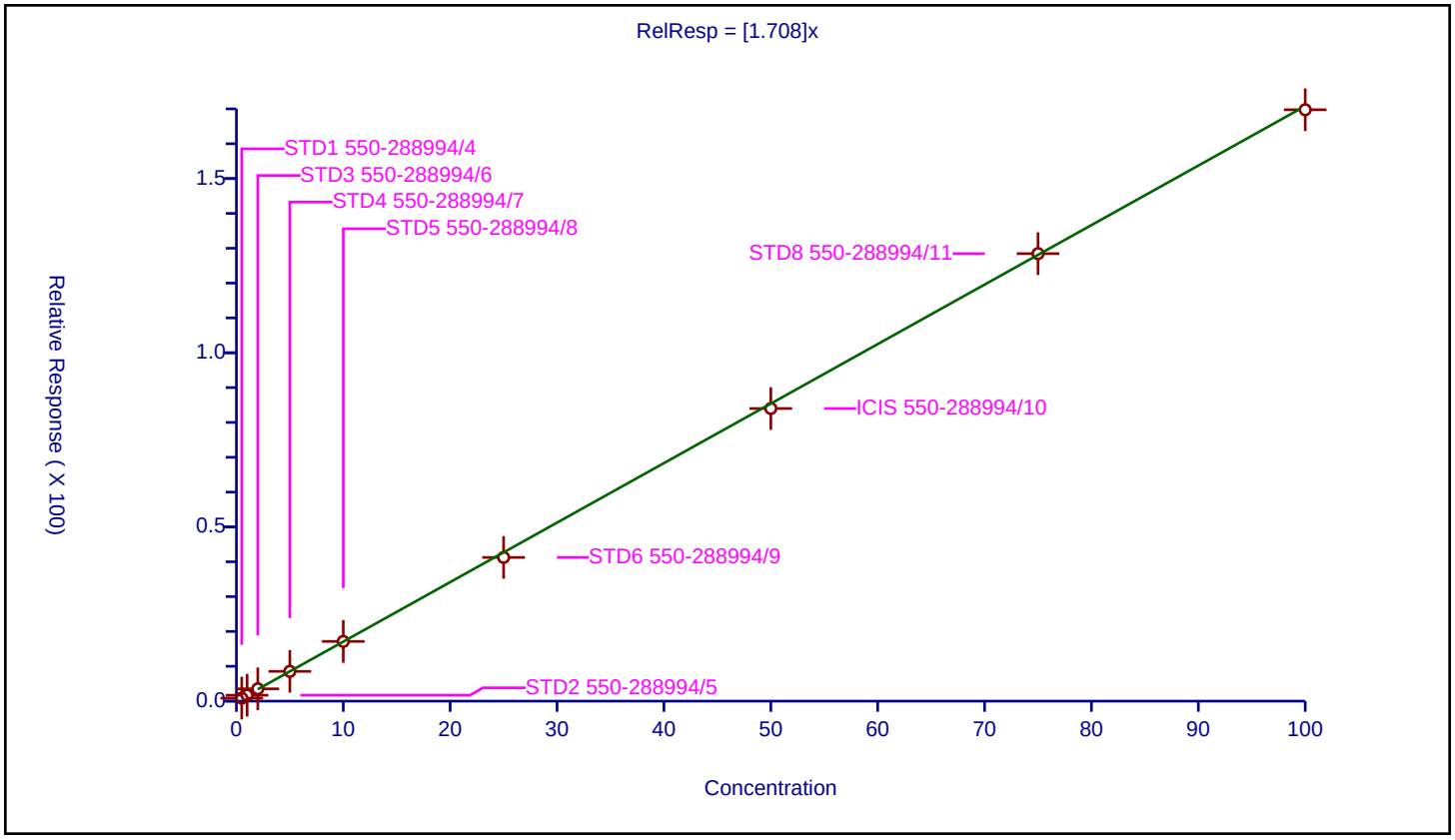
Curve Coefficients

Intercept:	0
Slope:	1.708

Error Coefficients

Standard Error:	177000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.87	25.0	54454.0	1.740001	Y
2	STD2 550-288994/5	1.0	1.700809	25.0	59310.0	1.700809	Y
3	STD3 550-288994/6	2.0	3.532579	25.0	55710.0	1.76629	Y
4	STD4 550-288994/7	5.0	8.551898	25.0	66342.0	1.71038	Y
5	STD5 550-288994/8	10.0	17.143391	25.0	65534.0	1.714339	Y
6	STD6 550-288994/9	25.0	41.250617	25.0	58787.0	1.650025	Y
7	ICIS 550-288994/10	50.0	84.003058	25.0	53965.0	1.680061	Y
8	STD8 550-288994/11	75.0	128.449601	25.0	54644.0	1.712661	Y
9	STD9 550-288994/12	100.0	169.749652	25.0	52387.0	1.697497	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

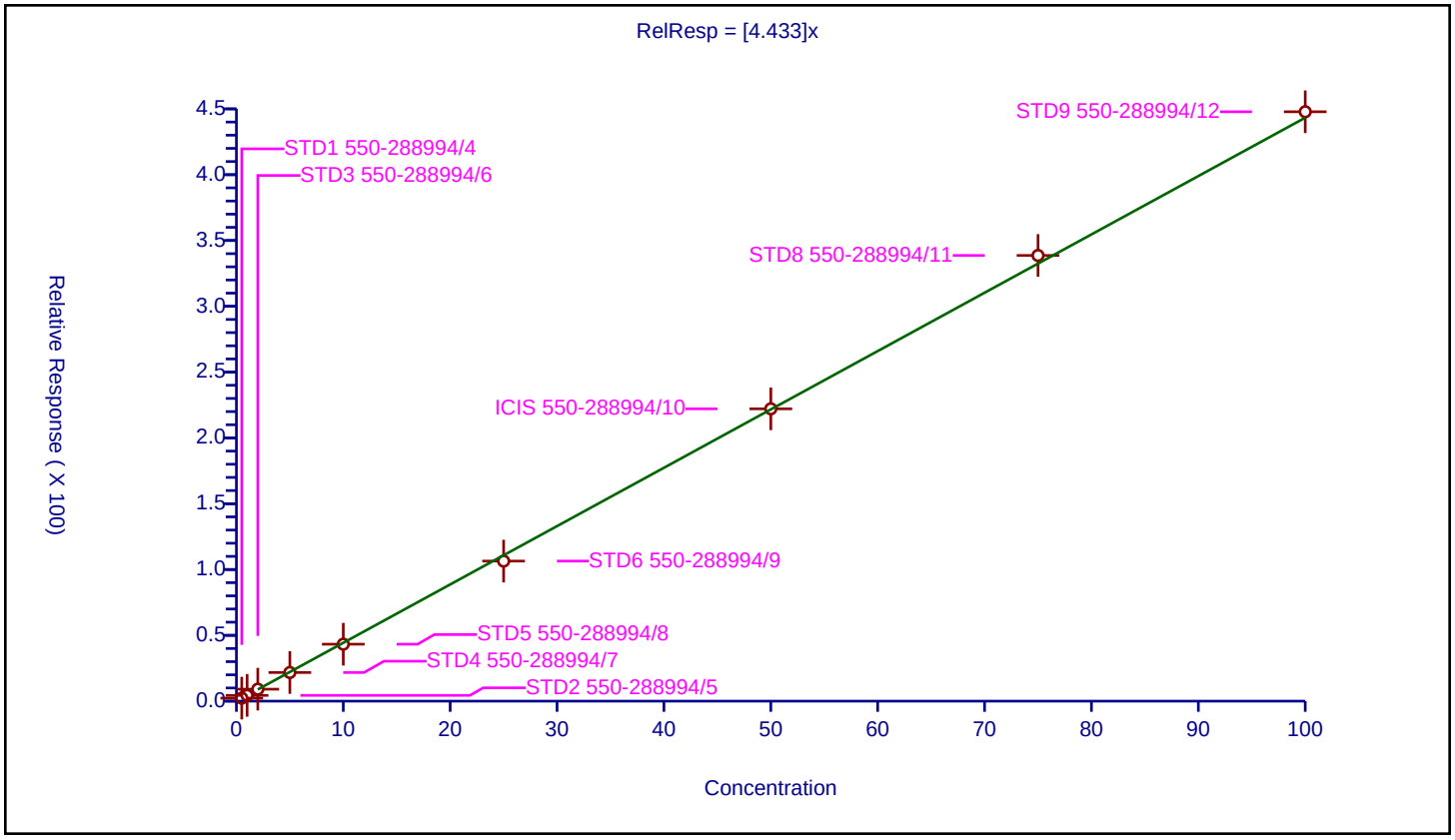
Curve Coefficients

Intercept:	0
Slope:	4.433

Error Coefficients

Standard Error:	466000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.299188	25.0	54454.0	4.598377	Y
2	STD2 550-288994/5	1.0	4.377424	25.0	59310.0	4.377424	Y
3	STD3 550-288994/6	2.0	9.096213	25.0	55710.0	4.548106	Y
4	STD4 550-288994/7	5.0	21.756956	25.0	66342.0	4.351391	Y
5	STD5 550-288994/8	10.0	43.279443	25.0	65534.0	4.327944	Y
6	STD6 550-288994/9	25.0	106.406178	25.0	58787.0	4.256247	Y
7	ICIS 550-288994/10	50.0	222.114797	25.0	53965.0	4.442296	Y
8	STD8 550-288994/11	75.0	338.634617	25.0	54644.0	4.515128	Y
9	STD9 550-288994/12	100.0	447.821979	25.0	52387.0	4.47822	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

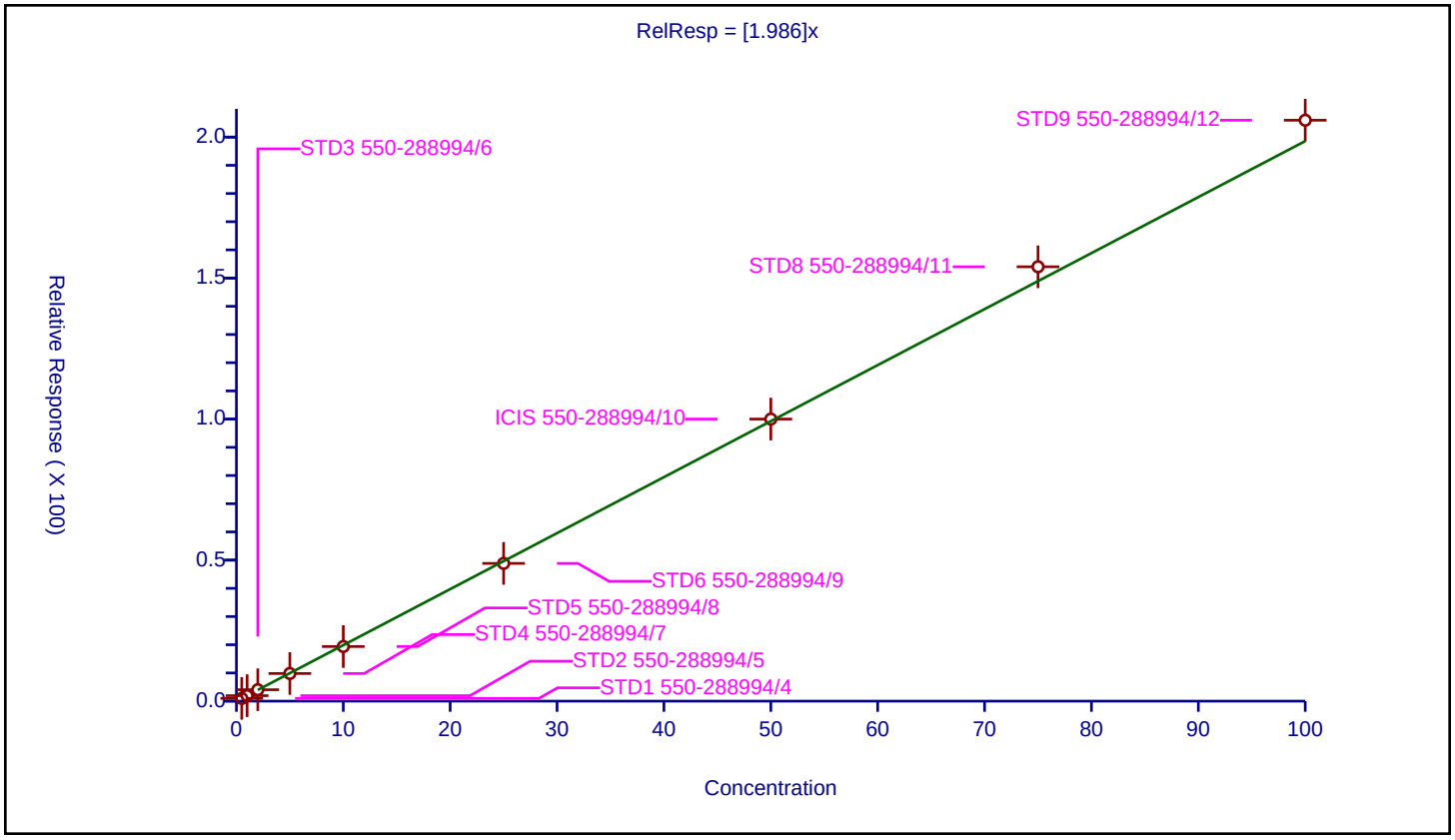
Curve Coefficients

Intercept:	0
Slope:	1.986

Error Coefficients

Standard Error:	213000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.972839	25.0	54454.0	1.945679	Y
2	STD2 550-288994/5	1.0	1.938543	25.0	59310.0	1.938543	Y
3	STD3 550-288994/6	2.0	4.048196	25.0	55710.0	2.024098	Y
4	STD4 550-288994/7	5.0	9.800353	25.0	66342.0	1.960071	Y
5	STD5 550-288994/8	10.0	19.361705	25.0	65534.0	1.936171	Y
6	STD6 550-288994/9	25.0	48.83988	25.0	58787.0	1.953595	Y
7	ICIS 550-288994/10	50.0	100.014824	25.0	53965.0	2.000296	Y
8	STD8 550-288994/11	75.0	154.018739	25.0	54644.0	2.053583	Y
9	STD9 550-288994/12	100.0	205.980969	25.0	52387.0	2.05981	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

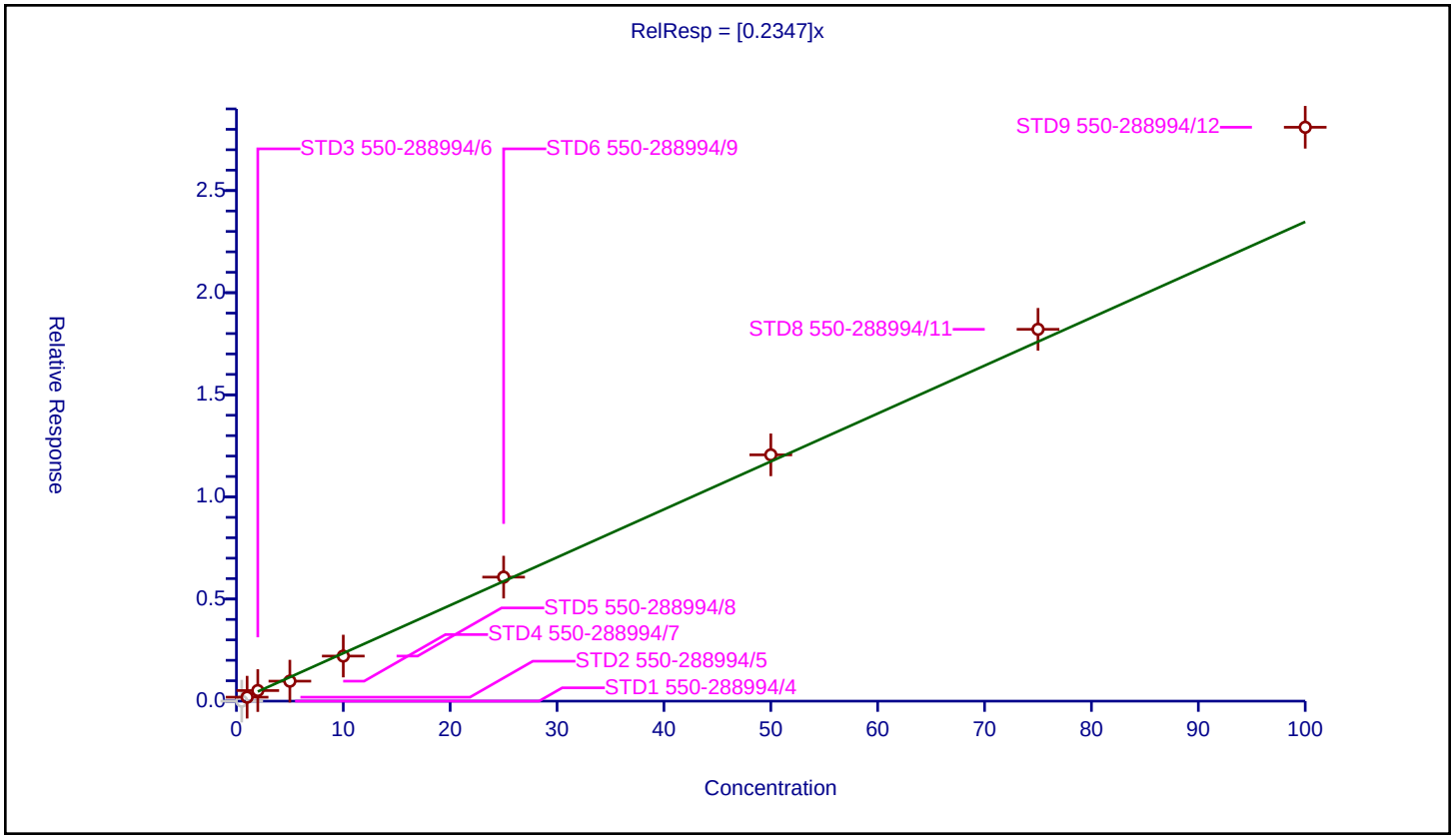
Curve Coefficients

Intercept:	0
Slope:	0.2347

Error Coefficients

Standard Error:	29200
Relative Standard Error:	12.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.0	25.0	54454.0	0.0	N
2	STD2 550-288994/5	1.0	0.193896	25.0	59310.0	0.193896	Y
3	STD3 550-288994/6	2.0	0.518758	25.0	55710.0	0.259379	Y
4	STD4 550-288994/7	5.0	0.979018	25.0	66342.0	0.195804	Y
5	STD5 550-288994/8	10.0	2.20687	25.0	65534.0	0.220687	Y
6	STD6 550-288994/9	25.0	6.072346	25.0	58787.0	0.242894	Y
7	ICIS 550-288994/10	50.0	12.060595	25.0	53965.0	0.241212	Y
8	STD8 550-288994/11	75.0	18.206482	25.0	54644.0	0.242753	Y
9	STD9 550-288994/12	100.0	28.099529	25.0	52387.0	0.280995	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

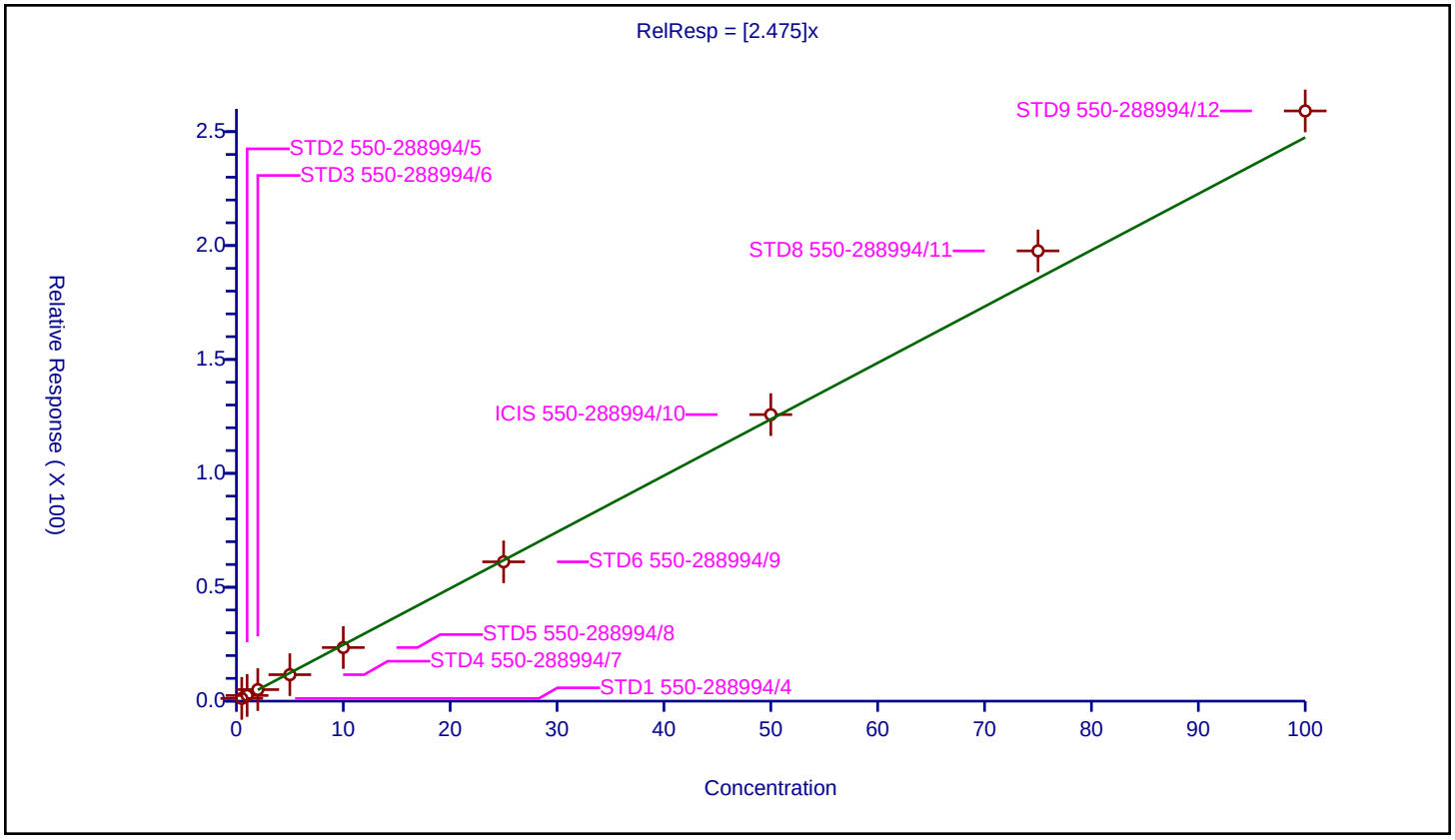
Curve Coefficients

Intercept:	0
Slope:	2.475

Error Coefficients

Standard Error:	269000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.193668	25.0	54454.0	2.387336	Y
2	STD2 550-288994/5	1.0	2.485247	25.0	59310.0	2.485247	Y
3	STD3 550-288994/6	2.0	5.067762	25.0	55710.0	2.533881	Y
4	STD4 550-288994/7	5.0	11.618206	25.0	66342.0	2.323641	Y
5	STD5 550-288994/8	10.0	23.526719	25.0	65534.0	2.352672	Y
6	STD6 550-288994/9	25.0	61.15893	25.0	58787.0	2.446357	Y
7	ICIS 550-288994/10	50.0	125.797739	25.0	53965.0	2.515955	Y
8	STD8 550-288994/11	75.0	197.664428	25.0	54644.0	2.635526	Y
9	STD9 550-288994/12	100.0	259.096245	25.0	52387.0	2.590962	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

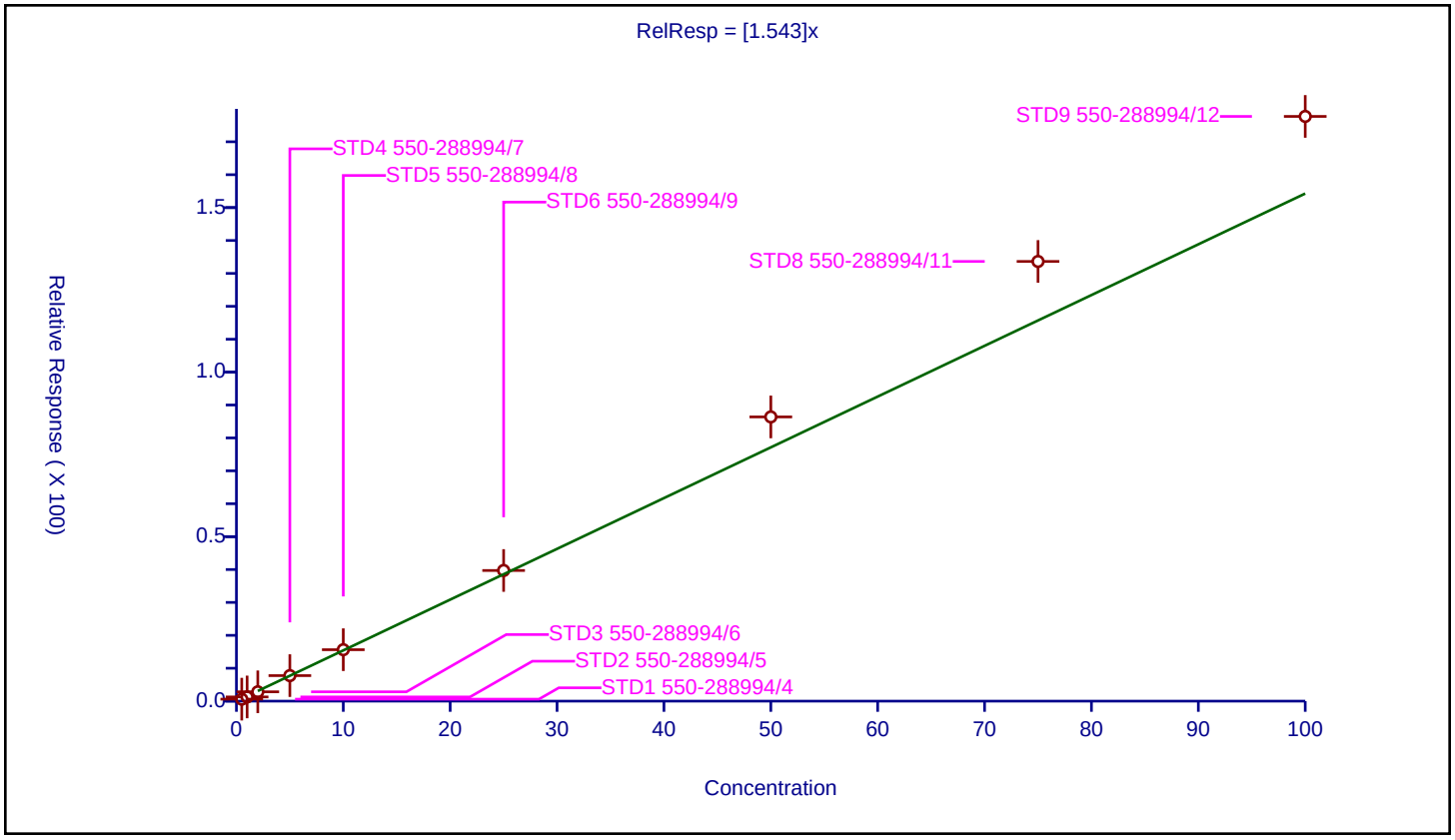
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Standard Error:	184000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	0.600507	25.0	54454.0	1.201014	Y
2	STD2 550-288994/5	1.0	1.272973	25.0	59310.0	1.272973	Y
3	STD3 550-288994/6	2.0	2.839257	25.0	55710.0	1.419628	Y
4	STD4 550-288994/7	5.0	7.762428	25.0	66342.0	1.552486	Y
5	STD5 550-288994/8	10.0	15.631962	25.0	65534.0	1.563196	Y
6	STD6 550-288994/9	25.0	39.708609	25.0	58787.0	1.588344	Y
7	ICIS 550-288994/10	50.0	86.379598	25.0	53965.0	1.727592	Y
8	STD8 550-288994/11	75.0	133.630408	25.0	54644.0	1.781739	Y
9	STD9 550-288994/12	100.0	177.712028	25.0	52387.0	1.77712	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

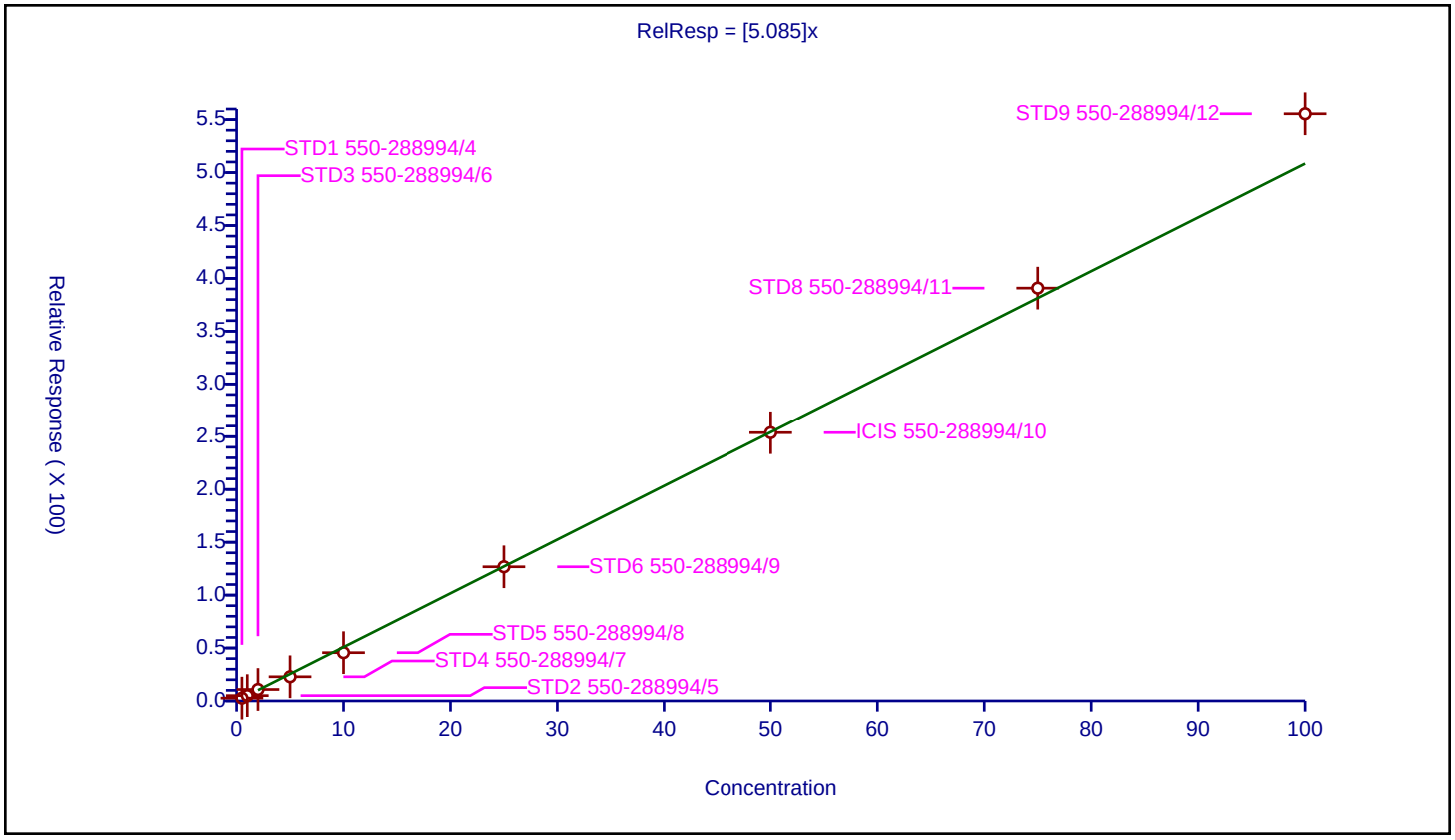
Curve Coefficients

Intercept:	0
Slope:	5.085

Error Coefficients

Standard Error:	558000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	2.645352	25.0	54454.0	5.290704	Y
2	STD2 550-288994/5	1.0	5.024869	25.0	59310.0	5.024869	Y
3	STD3 550-288994/6	2.0	10.821217	25.0	55710.0	5.410609	Y
4	STD4 550-288994/7	5.0	22.829429	25.0	66342.0	4.565886	Y
5	STD5 550-288994/8	10.0	45.588168	25.0	65534.0	4.558817	Y
6	STD6 550-288994/9	25.0	126.791638	25.0	58787.0	5.071666	Y
7	ICIS 550-288994/10	50.0	253.78903	25.0	53965.0	5.075781	Y
8	STD8 550-288994/11	75.0	390.824702	25.0	54644.0	5.210996	Y
9	STD9 550-288994/12	100.0	555.513295	25.0	52387.0	5.555133	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

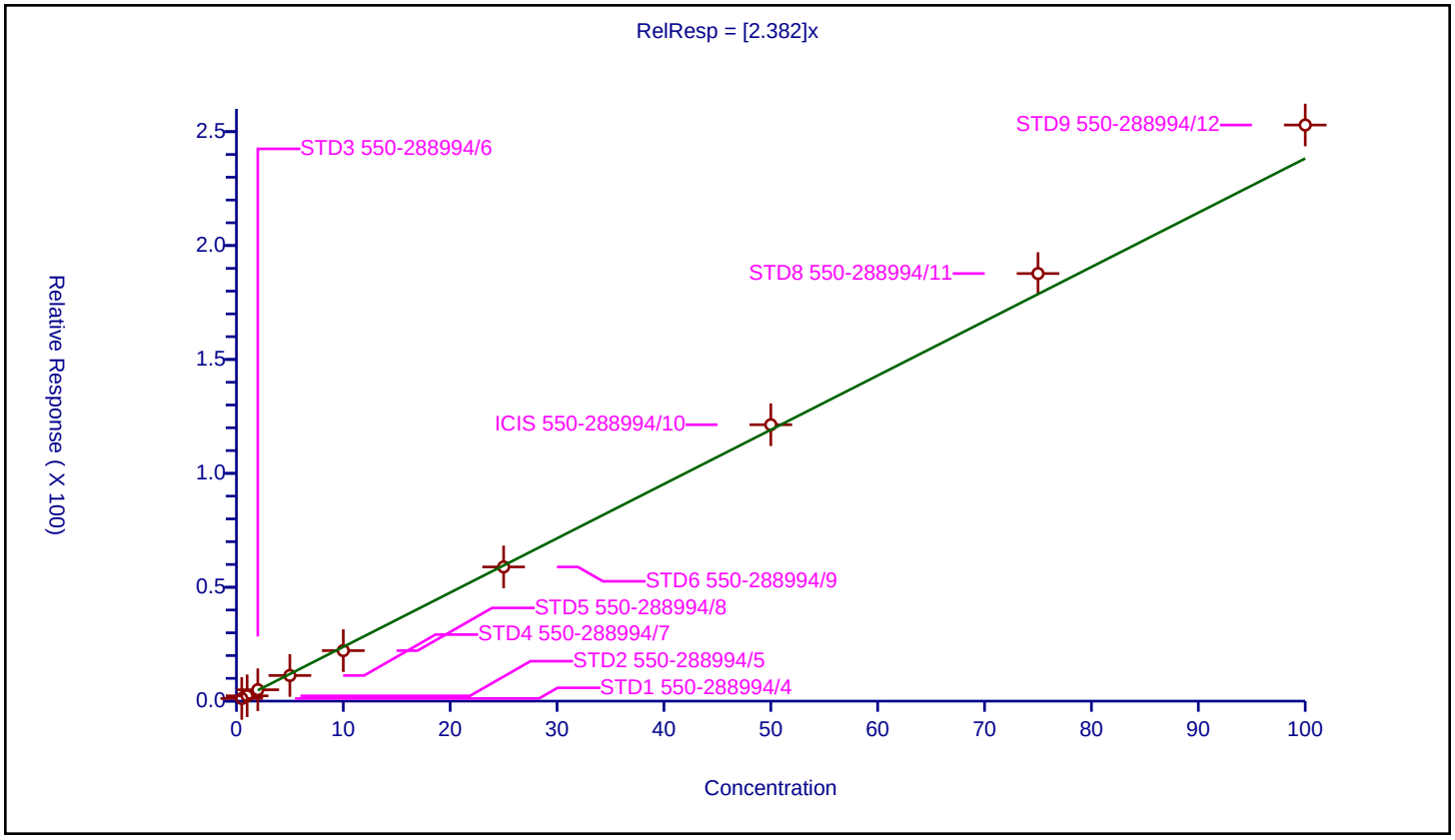
Curve Coefficients

Intercept:	0
Slope:	2.382

Error Coefficients

Standard Error:	260000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 550-288994/4	0.5	1.163367	25.0	54454.0	2.326734	Y
2	STD2 550-288994/5	1.0	2.33013	25.0	59310.0	2.33013	Y
3	STD3 550-288994/6	2.0	5.000449	25.0	55710.0	2.500224	Y
4	STD4 550-288994/7	5.0	11.259459	25.0	66342.0	2.251892	Y
5	STD5 550-288994/8	10.0	22.170553	25.0	65534.0	2.217055	Y
6	STD6 550-288994/9	25.0	58.916937	25.0	58787.0	2.356677	Y
7	ICIS 550-288994/10	50.0	121.351339	25.0	53965.0	2.427027	Y
8	STD8 550-288994/11	75.0	187.712741	25.0	54644.0	2.502837	Y
9	STD9 550-288994/12	100.0	252.925821	25.0	52387.0	2.529258	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2662		71.5	50.0	143	59-143
Dichlorodifluoromethane	Ave	0.5076	0.4015		39.5	50.0	79	60-140
Chloromethane	Ave	0.4137	0.3169	0.1000	38.3	50.0	77	48-144
Vinyl chloride	Ave	0.3739	0.3806		50.9	50.0	102	80-120
Butadiene	Ave	0.3760	0.3202		42.6	50.0	85	50-141
Bromomethane	Ave	0.2173	0.2054		47.3	50.0	95	40-144
Chloroethane	Ave	0.2134	0.1980		46.4	50.0	93	60-132
Trichlorofluoromethane	Ave	0.5470	0.5322		48.6	50.0	97	68-136
Ethanol	Lin1		0.1174		471	500	94	36-150
1,1-Dichloroethene	Ave	0.2971	0.2867		48.2	50.0	96	80-120
Freon 113	Ave	0.3046	0.2897		47.6	50.0	95	76-124
Acetone	Lin1		0.0949		53.3	50.0	107	12-150
Iodomethane	Ave	0.5343	0.4011		37.5	50.0	75	40-150
Carbon disulfide	Ave	0.8222	0.6405		39.0	50.0	78	64-136
Methylene Chloride	Lin1		0.2658		45.7	50.0	91	68-128
2-Methyl-2-propanol	Lin2		1.360		275	250	110	70-134
trans-1,2-Dichloroethene	Ave	0.3146	0.2947		46.8	50.0	94	76-120
Methyl tert-butyl ether	Ave	0.6526	0.6211		47.6	50.0	95	64-140
Hexane	Ave	0.3912	0.3563		45.5	50.0	91	56-150
1,1-Dichloroethane	Ave	0.4939	0.4609	0.1000	46.7	50.0	93	72-124
Vinyl acetate	Ave	0.0383	0.0324		42.3	50.0	85	48-150
Isopropyl ether	Ave	0.7076	0.6749		47.7	50.0	95	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6579		47.8	50.0	96	72-140
2,2-Dichloropropane	Ave	0.4545	0.4270		47.0	50.0	94	64-140
2-Butanone (MEK)	Ave	0.0272	0.0264		48.5	50.0	97	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4164		45.3	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1479		46.1	50.0	92	72-132
Tetrahydrofuran	Lin1		0.0324		46.6	50.0	93	64-139
Chloroform	Ave	0.5149	0.4725		45.9	50.0	92	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4650		47.0	50.0	94	72-132
Carbon tetrachloride	Ave	0.6413	0.5983		46.7	50.0	93	72-136
1,1-Dichloropropene	Ave	0.5271	0.4810		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.379		45.2	50.0	90	76-120
1,2-Dichloroethane	Ave	0.4516	0.4009		44.4	50.0	89	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8334		46.2	50.0	92	68-140
Trichloroethene	Ave	0.4237	0.3851		45.5	50.0	91	80-120
1,2-Dichloropropane	Ave	0.3390	0.3099		45.7	50.0	91	80-120
Dibromomethane	Ave	0.2171	0.1980		45.6	50.0	91	72-132
Dichlorobromomethane	Ave	0.4894	0.4562		46.6	50.0	93	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1654		48.1	50.0	96	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5280		48.0	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: ICV 550-287854/15 Calibration Date: 11/04/2022 00:03

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11032241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2124		43.6	50.0	87	60-144
Toluene	Ave	0.9499	0.8740		46.0	50.0	92	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4553		49.2	50.0	98	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2670		46.9	50.0	94	72-132
Tetrachloroethene	Ave	0.4284	0.3936		45.9	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4249		46.4	50.0	93	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1539		45.8	50.0	92	52-150
Chlorodibromomethane	Ave	0.3686	0.3626		49.2	50.0	98	80-128
1,2-Dibromoethane	Ave	0.2938	0.2758		46.9	50.0	94	80-128
Chlorobenzene	Ave	1.109	1.022	0.3000	46.1	50.0	92	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3929		47.7	50.0	95	76-124
Ethylbenzene	Ave	1.773	1.665		47.0	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.211		47.6	50.0	95	80-120
o-Xylene	Ave	1.271	1.214		47.8	50.0	96	72-128
Styrene	Ave	2.071	1.999		48.3	50.0	97	84-124
Bromoform	Lin1		0.4576	0.1000	44.2	50.0	88	68-132
Isopropylbenzene	Ave	3.305	3.202		48.4	50.0	97	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5881	0.3000	48.1	50.0	96	68-132
Bromobenzene	Ave	0.9030	0.8607		47.7	50.0	95	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.1071		41.3	50.0	83	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1803		46.4	50.0	93	76-128
N-Propylbenzene	Ave	3.693	3.497		47.3	50.0	95	76-132
2-Chlorotoluene	Ave	2.491	2.424		48.7	50.0	97	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.542		45.8	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.047		46.2	50.0	92	80-124
tert-Butylbenzene	Ave	2.497	2.377		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.519		47.6	50.0	95	80-128
sec-Butylbenzene	Ave	3.163	3.039		48.1	50.0	96	80-128
1,3-Dichlorobenzene	Ave	1.726	1.612		46.7	50.0	93	80-124
4-Isopropyltoluene	Ave	3.024	2.913		48.2	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.586		46.5	50.0	93	76-120
n-Butylbenzene	Ave	2.511	2.336		46.5	50.0	93	76-132
1,2-Dichlorobenzene	Ave	1.627	1.501		46.2	50.0	92	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1137		49.2	50.0	98	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.085		44.4	50.0	89	76-128
Hexachlorobutadiene	Ave	0.7555	0.6798		45.0	50.0	90	76-132
Naphthalene	Ave	2.367	2.189		46.2	50.0	92	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9897		44.4	50.0	89	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2606		36.5	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.453	1.314		36.2	40.0	90	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7872		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.3023		81.2	50.0	162*	28-150
Dichlorodifluoromethane	Ave	0.5076	0.5657		55.7	50.0	111	60-140
Chloromethane	Ave	0.4137	0.5160	0.1000	62.4	50.0	125	48-144
Vinyl chloride	Ave	0.3739	0.4408		58.9	50.0	118	80-120
Butadiene	Ave	0.3760	0.4684		62.3	50.0	125	50-141
Bromomethane	Ave	0.2173	0.2382		54.8	50.0	110	40-144
Chloroethane	Ave	0.2134	0.2519		59.0	50.0	118	60-132
Trichlorofluoromethane	Ave	0.5470	0.5677		51.9	50.0	104	68-136
Ethanol	Lin1		0.1062		862	1000	86	36-150
1,1-Dichloroethene	Ave	0.2971	0.3028		50.9	50.0	102	80-120
Freon 113	Ave	0.3046	0.3279		53.8	50.0	108	76-124
Acetone	Lin1		0.0805		45.0	50.0	90	12-150
Iodomethane	Ave	0.5343	0.6739		63.1	50.0	126	40-150
Carbon disulfide	Ave	0.8222	0.9883		60.1	50.0	120	64-136
Methylene Chloride	Lin1		0.2830		48.7	50.0	97	68-128
2-Methyl-2-propanol	Lin2		1.295		262	250	105	70-134
Methyl tert-butyl ether	Ave	0.6526	0.6547		50.2	50.0	100	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3214		51.1	50.0	102	76-120
Hexane	Ave	0.3912	0.4498		57.5	50.0	115	56-150
1,1-Dichloroethane	Ave	0.4939	0.5107	0.1000	51.7	50.0	103	72-124
Vinyl acetate	Ave	0.0383	0.0416		54.4	50.0	109	48-150
Isopropyl ether	Ave	0.7076	0.7547		53.3	50.0	107	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.7111		51.7	50.0	103	72-140
2-Butanone (MEK)	Ave	0.0272	0.0280		51.5	50.0	103	44-150
2,2-Dichloropropane	Ave	0.4545	0.4900		53.9	50.0	108	64-140
cis-1,2-Dichloroethene	Ave	0.4597	0.4192		45.6	50.0	91	72-128
Chlorobromomethane	Ave	0.1603	0.1515		47.3	50.0	95	72-132
Tetrahydrofuran	Lin1		0.0340		49.0	50.0	98	64-139
Chloroform	Ave	0.5149	0.4979		48.3	50.0	97	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4985		50.3	50.0	101	72-132
Carbon tetrachloride	Ave	0.6413	0.6032		47.0	50.0	94	72-136
1,1-Dichloropropene	Ave	0.5271	0.5073		48.1	50.0	96	76-128
Benzene	Ave	1.525	1.423		46.7	50.0	93	76-120
1,2-Dichloroethane	Ave	0.4516	0.3917		43.4	50.0	87	68-136
Tert-amyl methyl ether	Ave	0.9025	0.8524		47.2	50.0	94	68-140
Trichloroethene	Ave	0.4237	0.3935		46.4	50.0	93	80-120
1,2-Dichloropropane	Ave	0.3390	0.3169		46.7	50.0	93	80-120
Dibromomethane	Ave	0.2171	0.1917		44.2	50.0	88	72-132
Dichlorobromomethane	Ave	0.4894	0.4440		45.4	50.0	91	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1570		45.7	50.0	91	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.5265		47.9	50.0	96	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-288554/2 Calibration Date: 11/14/2022 09:28

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11142202.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2395		49.2	50.0	98	60-144
Toluene	Ave	0.9499	0.9023		47.5	50.0	95	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4454		48.2	50.0	96	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2521		44.2	50.0	88	72-132
Tetrachloroethene	Ave	0.4284	0.3955		46.2	50.0	92	76-128
1,3-Dichloropropane	Ave	0.4577	0.4101		44.8	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1724		51.3	50.0	103	52-150
Chlorodibromomethane	Ave	0.3686	0.3320		45.0	50.0	90	80-128
1,2-Dibromoethane	Ave	0.2938	0.2647		45.0	50.0	90	80-128
Chlorobenzene	Ave	1.109	0.9907	0.3000	44.7	50.0	89	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3684		44.8	50.0	90	76-124
Ethylbenzene	Ave	1.773	1.661		46.8	50.0	94	80-120
m-Xylene & p-Xylene	Ave	1.271	1.142		44.9	50.0	90	80-120
o-Xylene	Ave	1.271	1.133		44.6	50.0	89	72-128
Styrene	Ave	2.071	1.828		44.1	50.0	88	84-124
Bromoform	Lin1		0.3883	0.1000	37.5	50.0	75	68-132
Isopropylbenzene	Ave	3.305	3.011		45.5	50.0	91	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5231	0.3000	42.8	50.0	86	68-132
Bromobenzene	Ave	0.9030	0.7562		41.9	50.0	84	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0961		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1571		40.4	50.0	81	76-128
N-Propylbenzene	Ave	3.693	3.426		46.4	50.0	93	76-132
2-Chlorotoluene	Ave	2.491	2.296		46.1	50.0	92	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.561		46.2	50.0	92	80-128
4-Chlorotoluene	Ave	2.214	2.008		45.3	50.0	91	80-124
tert-Butylbenzene	Ave	2.497	2.310		46.2	50.0	92	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.425		45.8	50.0	92	80-128
sec-Butylbenzene	Ave	3.163	2.985		47.2	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.534		44.4	50.0	89	80-124
4-Isopropyltoluene	Ave	3.024	2.909		48.1	50.0	96	80-128
1,4-Dichlorobenzene	Ave	1.705	1.491		43.7	50.0	87	76-120
n-Butylbenzene	Ave	2.511	2.496		49.7	50.0	99	76-132
1,2-Dichlorobenzene	Ave	1.627	1.361		41.8	50.0	84	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.0990		42.9	50.0	86	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.038		42.5	50.0	85	76-128
Hexachlorobutadiene	Ave	0.7555	0.6781		44.9	50.0	90	76-132
Naphthalene	Ave	2.367	1.816		38.4	50.0	77	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.8700		39.0	50.0	78	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2646		37.0	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.281		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7315		32.8	40.0	82	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-289041/2 Calibration Date: 11/18/2022 22:19

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Lin1		0.2344		62.9	50.0	126	28-150
Dichlorodifluoromethane	Ave	0.5076	0.4584		45.1	50.0	90	60-140
Chloromethane	Ave	0.4137	0.3653	0.1000	44.1	50.0	88	48-144
Vinyl chloride	Ave	0.3739	0.4369		58.4	50.0	117	80-120
Butadiene	Ave	0.3760	0.4059		54.0	50.0	108	50-141
Bromomethane	Ave	0.2173	0.2144		49.3	50.0	99	40-144
Chloroethane	Ave	0.2134	0.2365		55.4	50.0	111	60-132
Trichlorofluoromethane	Ave	0.5470	0.5778		52.8	50.0	106	68-136
Ethanol	Lin1		0.1109		901	1000	90	36-150
1,1-Dichloroethene	Ave	0.2971	0.2943		49.5	50.0	99	80-120
Freon 113	Ave	0.3046	0.3205		52.6	50.0	105	76-124
Acetone	Lin1		0.1026		57.7	50.0	115	12-150
Iodomethane	Ave	0.5343	0.5291		49.5	50.0	99	40-150
Carbon disulfide	Ave	0.8222	0.9077		55.2	50.0	110	64-136
Methylene Chloride	Lin1		0.2792		48.1	50.0	96	68-128
2-Methyl-2-propanol	Lin2		1.109		224	250	89	70-134
Methyl tert-butyl ether	Ave	0.6526	0.5922		45.4	50.0	91	64-140
trans-1,2-Dichloroethene	Ave	0.3146	0.3103		49.3	50.0	99	76-120
Hexane	Ave	0.3912	0.4251		54.3	50.0	109	56-150
1,1-Dichloroethane	Ave	0.4939	0.4845	0.1000	49.0	50.0	98	72-124
Vinyl acetate	Ave	0.0383	0.0367		47.9	50.0	96	48-150
Isopropyl ether	Ave	0.7076	0.6617		46.8	50.0	94	72-132
Tert-butyl ethyl ether	Ave	0.6877	0.6310		45.9	50.0	92	72-140
2-Butanone (MEK)	Ave	0.0272	0.0299		55.0	50.0	110	44-150
cis-1,2-Dichloroethene	Ave	0.4597	0.4006		43.6	50.0	87	72-128
2,2-Dichloropropane	Ave	0.4545	0.4512		49.6	50.0	99	64-140
Chlorobromomethane	Ave	0.1603	0.1462		45.6	50.0	91	72-132
Tetrahydrofuran	Lin1		0.0333		47.9	50.0	96	64-139
Chloroform	Ave	0.5149	0.4778		46.4	50.0	93	80-120
1,1,1-Trichloroethane	Ave	0.4951	0.4918		49.7	50.0	99	72-132
Carbon tetrachloride	Ave	0.6413	0.5903		46.0	50.0	92	72-136
1,1-Dichloropropene	Ave	0.5271	0.4805		45.6	50.0	91	76-128
Benzene	Ave	1.525	1.335		43.8	50.0	88	76-120
1,2-Dichloroethane	Ave	0.4516	0.3617		40.0	50.0	80	68-136
Tert-amyl methyl ether	Ave	0.9025	0.7416		41.1	50.0	82	68-140
Trichloroethene	Ave	0.4237	0.3767		44.5	50.0	89	80-120
1,2-Dichloropropane	Ave	0.3390	0.2903		42.8	50.0	86	80-120
Dibromomethane	Ave	0.2171	0.1801		41.5	50.0	83	72-132
Dichlorobromomethane	Ave	0.4894	0.4104		41.9	50.0	84	76-128
2-Chloroethyl vinyl ether	Ave	0.1719	0.1384		40.3	50.0	81	10-150
cis-1,3-Dichloropropene	Ave	0.5497	0.4721		42.9	50.0	86	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-289041/2 Calibration Date: 11/18/2022 22:19

Instrument ID: GCMS15 Calib Start Date: 11/03/2022 20:12

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/03/2022 23:00

Lab File ID: 11182234.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Ave	0.2436	0.2313		47.5	50.0	95	60-144
Toluene	Ave	0.9499	0.8343		43.9	50.0	88	80-120
trans-1,3-Dichloropropene	Ave	0.4625	0.4001		43.3	50.0	87	68-140
1,1,2-Trichloroethane	Ave	0.2849	0.2340		41.1	50.0	82	72-132
Tetrachloroethene	Ave	0.4284	0.3871		45.2	50.0	90	76-128
1,3-Dichloropropane	Ave	0.4577	0.3833		41.9	50.0	84	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1679	0.1739		51.8	50.0	104	52-150
Chlorodibromomethane	Ave	0.3686	0.3106		42.1	50.0	84	80-128
1,2-Dibromoethane	Ave	0.2938	0.2488		42.3	50.0	85	80-128
Chlorobenzene	Ave	1.109	0.9372	0.3000	42.2	50.0	84	80-120
1,1,1,2-Tetrachloroethane	Ave	0.4116	0.3393		41.2	50.0	82	76-124
Ethylbenzene	Ave	1.773	1.574		44.4	50.0	89	80-120
m-Xylene & p-Xylene	Ave	1.271	1.126		44.3	50.0	89	80-120
o-Xylene	Ave	1.271	1.102		43.4	50.0	87	72-128
Styrene	Ave	2.071	1.757		42.4	50.0	85	84-124
Bromoform	Lin1		0.3718	0.1000	35.9	50.0	72	68-132
Isopropylbenzene	Ave	3.305	3.072		46.5	50.0	93	76-132
1,1,2,2-Tetrachloroethane	Ave	0.6110	0.5040	0.3000	41.3	50.0	83	68-132
Bromobenzene	Ave	0.9030	0.7364		40.8	50.0	82	76-128
trans-1,4-Dichloro-2-butene	Lin1		0.0963		37.2	50.0	74	48-138
1,2,3-Trichloropropane	Ave	0.1943	0.1612		41.5	50.0	83	76-128
N-Propylbenzene	Ave	3.693	3.403		46.1	50.0	92	76-132
2-Chlorotoluene	Ave	2.491	2.190		44.0	50.0	88	80-124
1,3,5-Trimethylbenzene	Ave	2.772	2.388		43.1	50.0	86	80-128
4-Chlorotoluene	Ave	2.214	1.903		43.0	50.0	86	80-124
tert-Butylbenzene	Ave	2.497	2.376		47.6	50.0	95	76-132
1,2,4-Trimethylbenzene	Ave	2.648	2.308		43.6	50.0	87	80-128
sec-Butylbenzene	Ave	3.163	2.980		47.1	50.0	94	80-128
1,3-Dichlorobenzene	Ave	1.726	1.449		42.0	50.0	84	80-124
4-Isopropyltoluene	Ave	3.024	2.830		46.8	50.0	94	80-128
1,4-Dichlorobenzene	Ave	1.705	1.415		41.5	50.0	83	76-120
n-Butylbenzene	Ave	2.511	2.406		47.9	50.0	96	76-132
1,2-Dichlorobenzene	Ave	1.627	1.329		40.9	50.0	82	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.1155	0.1059		45.8	50.0	92	64-128
1,2,4-Trichlorobenzene	Ave	1.221	1.051		43.1	50.0	86	76-128
Hexachlorobutadiene	Ave	0.7555	0.7506		49.7	50.0	99	76-132
Naphthalene	Ave	2.367	2.046		43.2	50.0	86	68-136
1,2,3-Trichlorobenzene	Ave	1.115	0.9408		42.2	50.0	84	72-128
Dibromofluoromethane (Surr)	Ave	0.2860	0.2658		37.2	40.0	93	80-120
Toluene-d8 (Surr)	Ave	1.453	1.283		35.3	40.0	88	80-120
4-Bromofluorobenzene (Surr)	Ave	0.8912	0.7388		33.2	40.0	83	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: ICV 550-288994/17 Calibration Date: 11/18/2022 16:14

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11182217.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.5589	0.2982		26.7	50.0	53*	59-143
Dichlorodifluoromethane	Ave	0.9938	0.6927		34.9	50.0	70	60-140
Chloromethane	Ave	0.9742	0.8364	0.1000	42.9	50.0	86	48-144
Vinyl chloride	Ave	1.074	0.9145		42.6	50.0	85	80-120
Butadiene	Ave	1.004	0.6978		34.7	50.0	69	50-141
Bromomethane	Lin2		0.5161		48.9	50.0	98	40-144
Chloroethane	Lin1		0.4372		47.2	50.0	94	60-132
Trichlorofluoromethane	Lin1		0.9639		44.1	50.0	88	68-136
Ethanol	Ave	0.1593	0.1489		467	500	93	36-150
1,1-Dichloroethene	Ave	0.6006	0.5534		46.1	50.0	92	80-120
Acetone	Lin1		0.1758		46.0	50.0	92	12-150
Freon 113	Ave	0.6912	0.6728		48.7	50.0	97	76-124
Iodomethane	Ave	1.060	0.9254		43.7	50.0	87	40-150
Carbon disulfide	Ave	2.066	1.727		41.8	50.0	84	64-136
Methylene Chloride	Lin1		0.4693		51.9	50.0	104	68-128
2-Methyl-2-propanol	Ave	1.252	1.367		273	250	109	70-134
trans-1,2-Dichloroethene	Ave	0.5567	0.4935		44.3	50.0	89	76-120
Methyl tert-butyl ether	Ave	1.022	1.062		52.0	50.0	104	64-140
Hexane	Ave	0.6399	0.5136		40.1	50.0	80	56-150
1,1-Dichloroethane	Ave	0.7569	0.6867	0.1000	45.4	50.0	91	72-124
Vinyl acetate	Ave	0.0345	0.0327		47.4	50.0	95	48-150
Isopropyl ether	Ave	1.013	1.034		51.0	50.0	102	72-132
Tert-butyl ethyl ether	Ave	0.9659	1.047		54.2	50.0	108	72-140
2,2-Dichloropropane	Ave	0.9423	0.8646		45.9	50.0	92	64-140
2-Butanone (MEK)	Ave	0.0328	0.0292		44.5	50.0	89	44-150
cis-1,2-Dichloroethene	Ave	0.8323	0.6796		40.8	50.0	82	72-128
Chlorobromomethane	Ave	0.1881	0.1827		48.6	50.0	97	72-132
Tetrahydrofuran	Ave	0.0582	0.0504		43.3	50.0	87	64-139
Chloroform	Ave	0.6734	0.5990		44.5	50.0	89	80-120
1,1,1-Trichloroethane	Ave	0.9160	0.8158		44.5	50.0	89	72-132
1,1-Dichloropropene	Lin1		0.7008		41.2	50.0	82	76-128
Carbon tetrachloride	Ave	1.486	1.207		40.6	50.0	81	72-136
Benzene	Ave	2.554	2.026		39.7	50.0	79	76-120
1,2-Dichloroethane	Ave	0.5314	0.4431		41.7	50.0	83	68-136
Tert-amyl methyl ether	Ave	1.605	1.561		48.6	50.0	97	68-140
Trichloroethene	Lin1		0.5022		41.6	50.0	83	80-120
1,2-Dichloropropane	Ave	0.4679	0.4056		43.3	50.0	87	80-120
Dibromomethane	Ave	0.2797	0.2314		41.4	50.0	83	72-132
Dichlorobromomethane	Ave	0.6639	0.5388		40.6	50.0	81	76-128
2-Chloroethyl vinyl ether	Ave	0.1401	0.1193		42.6	50.0	85	10-150
cis-1,3-Dichloropropene	Ave	0.6034	0.5171		42.8	50.0	86	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: ICV 550-288994/17 Calibration Date: 11/18/2022 16:14

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11182217.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Lin1		0.3327		44.0	50.0	88	60-144
Toluene	Ave	1.270	1.079		42.5	50.0	85	80-120
trans-1,3-Dichloropropene	Ave	0.4180	0.3614		43.2	50.0	86	68-140
1,1,2-Trichloroethane	Ave	0.2709	0.2418		44.6	50.0	89	72-132
Tetrachloroethene	Ave	0.5549	0.4692		42.3	50.0	85	76-128
1,3-Dichloropropane	Ave	0.3916	0.3519		44.9	50.0	90	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1773	0.1421		40.1	50.0	80	52-150
Chlorodibromomethane	Ave	0.3809	0.3508		46.1	50.0	92	80-128
1,2-Dibromoethane	Lin2		0.2242		42.3	50.0	85	80-128
Chlorobenzene	Ave	1.142	1.007	0.3000	44.1	50.0	88	80-120
1,1,1,2-Tetrachloroethane	Ave	0.6499	0.6212		47.8	50.0	96	76-124
Ethylbenzene	Ave	2.359	2.028		43.0	50.0	86	80-120
m-Xylene & p-Xylene	Ave	1.357	1.347		49.7	50.0	99	80-120
o-Xylene	Ave	1.560	1.659		53.2	50.0	106	72-128
Styrene	Ave	1.810	1.758		48.5	50.0	97	84-124
Bromoform	Lin1		0.4084	0.1000	44.8	50.0	90	68-132
Isopropylbenzene	Ave	4.872	5.040		51.7	50.0	103	76-132
1,1,2,2-Tetrachloroethane	Ave	0.7292	0.7370	0.3000	50.5	50.0	101	68-132
trans-1,4-Dichloro-2-butene	Ave	0.1127	0.0949		42.1	50.0	84	48-138
Bromobenzene	Ave	0.7534	0.7438		49.4	50.0	99	76-128
1,2,3-Trichloropropane	Ave	0.1841	0.1877		51.0	50.0	102	76-128
N-Propylbenzene	Ave	4.864	4.653		47.8	50.0	96	76-132
2-Chlorotoluene	Ave	3.188	3.126		49.0	50.0	98	80-124
1,3,5-Trimethylbenzene	Ave	3.901	4.059		52.0	50.0	104	80-128
4-Chlorotoluene	Ave	2.255	2.064		45.8	50.0	92	80-124
tert-Butylbenzene	Lin1		3.624		42.9	50.0	86	76-132
1,2,4-Trimethylbenzene	Ave	3.778	3.788		50.1	50.0	100	80-128
sec-Butylbenzene	Ave	5.206	5.207		50.0	50.0	100	80-128
1,3-Dichlorobenzene	Ave	1.790	1.668		46.6	50.0	93	80-124
4-Isopropyltoluene	Ave	4.790	4.827		50.4	50.0	101	80-128
1,4-Dichlorobenzene	Ave	1.708	1.578		46.2	50.0	92	76-120
n-Butylbenzene	Ave	4.433	3.991		45.0	50.0	90	76-132
1,2-Dichlorobenzene	Ave	1.986	1.926		48.5	50.0	97	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.2347	0.2233		47.6	50.0	95	64-128
1,2,4-Trichlorobenzene	Ave	2.475	2.539		51.3	50.0	103	76-128
Hexachlorobutadiene	Ave	1.543	1.431		46.4	50.0	93	76-132
Naphthalene	Ave	5.085	5.083		50.0	50.0	100	68-136
1,2,3-Trichlorobenzene	Ave	2.382	2.458		51.6	50.0	103	72-128
Dibromofluoromethane (Surr)	Ave	0.3135	0.2871		36.6	40.0	92	80-120
Toluene-d8 (Surr)	Ave	1.800	1.464		32.5	40.0	81	80-120
4-Bromofluorobenzene (Surr)	Ave	0.7520	0.6632		35.3	40.0	88	80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-289135/2 Calibration Date: 11/21/2022 12:45

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11212209.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Propene	Ave	0.5589	0.4354		39.0	50.0	78	28-150
Dichlorodifluoromethane	Ave	0.9938	0.8930		44.9	50.0	90	60-140
Chloromethane	Ave	0.9742	0.7572	0.1000	38.9	50.0	78	48-144
Vinyl chloride	Ave	1.074	0.9387		43.7	50.0	87	80-120
Butadiene	Ave	1.004	0.7920		39.4	50.0	79	50-141
Bromomethane	Lin2		0.5237		49.6	50.0	99	40-144
Chloroethane	Lin1		0.4399		47.4	50.0	95	60-132
Trichlorofluoromethane	Lin1		1.101		50.4	50.0	101	68-136
Ethanol	Ave	0.1593	0.1217		764	1000	76	36-150
1,1-Dichloroethene	Ave	0.6006	0.5066		42.2	50.0	84	80-120
Acetone	Lin1		0.1778		46.5	50.0	93	12-150
Freon 113	Ave	0.6912	0.6757		48.9	50.0	98	76-124
Iodomethane	Ave	1.060	0.9422		44.5	50.0	89	40-150
Carbon disulfide	Ave	2.066	1.734		42.0	50.0	84	64-136
Methylene Chloride	Lin1		0.4154		45.9	50.0	92	68-128
2-Methyl-2-propanol	Ave	1.252	1.059		211	250	85	70-134
Methyl tert-butyl ether	Ave	1.022	0.9705		47.5	50.0	95	64-140
trans-1,2-Dichloroethene	Ave	0.5567	0.4684		42.1	50.0	84	76-120
Hexane	Ave	0.6399	0.5489		42.9	50.0	86	56-150
1,1-Dichloroethane	Ave	0.7569	0.6303	0.1000	41.6	50.0	83	72-124
Vinyl acetate	Ave	0.0345	0.0306		44.4	50.0	89	48-150
Isopropyl ether	Ave	1.013	0.8970		44.3	50.0	89	72-132
Tert-butyl ethyl ether	Ave	0.9659	0.9282		48.0	50.0	96	72-140
2-Butanone (MEK)	Ave	0.0328	0.0280		42.7	50.0	85	44-150
2,2-Dichloropropane	Ave	0.9423	0.8265		43.9	50.0	88	64-140
cis-1,2-Dichloroethene	Ave	0.8323	0.6964		41.8	50.0	84	72-128
Chlorobromomethane	Ave	0.1881	0.1730		46.0	50.0	92	72-132
Tetrahydrofuran	Ave	0.0582	0.0549		47.2	50.0	94	64-139
Chloroform	Ave	0.6734	0.5582		41.5	50.0	83	80-120
1,1,1-Trichloroethane	Ave	0.9160	0.7960		43.4	50.0	87	72-132
1,1-Dichloropropene	Lin1		0.7684		45.2	50.0	90	76-128
Carbon tetrachloride	Ave	1.486	1.325		44.6	50.0	89	72-136
Benzene	Ave	2.554	2.002		39.2	50.0	78	76-120
1,2-Dichloroethane	Ave	0.5314	0.4547		42.8	50.0	86	68-136
Tert-amyl methyl ether	Ave	1.605	1.564		48.7	50.0	97	68-140
Trichloroethene	Lin1		0.5246		43.5	50.0	87	80-120
1,2-Dichloropropane	Ave	0.4679	0.3819		40.8	50.0	82	80-120
Dibromomethane	Ave	0.2797	0.2356		42.1	50.0	84	72-132
Dichlorobromomethane	Ave	0.6639	0.5219		39.3	50.0	79	76-128
2-Chloroethyl vinyl ether	Ave	0.1401	0.1122		40.0	50.0	80	10-150
cis-1,3-Dichloropropene	Ave	0.6034	0.4827		40.0	50.0	80	76-136

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Lab Sample ID: CCVIS 550-289135/2 Calibration Date: 11/21/2022 12:45

Instrument ID: GCMS24 Calib Start Date: 11/18/2022 11:07

GC Column: Rxi-624Sil ID: 0.25(mm) Calib End Date: 11/18/2022 14:01

Lab File ID: 11212209.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
4-Methyl-2-pentanone (MIBK)	Lin1		0.3410		45.1	50.0	90	60-144
Toluene	Ave	1.270	1.042		41.1	50.0	82	80-120
trans-1,3-Dichloropropene	Ave	0.4180	0.3293		39.4	50.0	79	68-140
1,1,2-Trichloroethane	Ave	0.2709	0.2292		42.3	50.0	85	72-132
Tetrachloroethene	Ave	0.5549	0.4987		44.9	50.0	90	76-128
1,3-Dichloropropane	Ave	0.3916	0.3234		41.3	50.0	83	80-124
Methyl n-butyl ketone (MNBK)	Ave	0.1773	0.1387		39.1	50.0	78	52-150
Chlorodibromomethane	Ave	0.3809	0.3277		43.0	50.0	86	80-128
1,2-Dibromoethane	Lin2		0.2114		39.9	50.0	80	80-128
Chlorobenzene	Ave	1.142	0.9275	0.3000	40.6	50.0	81	80-120
1,1,1,2-Tetrachloroethane	Ave	0.6499	0.5966		45.9	50.0	92	76-124
Ethylbenzene	Ave	2.359	1.926		40.8	50.0	82	80-120
m-Xylene & p-Xylene	Ave	1.357	1.298		47.9	50.0	96	80-120
o-Xylene	Ave	1.560	1.555		49.8	50.0	100	72-128
Styrene	Ave	1.810	1.570		43.4	50.0	87	84-124
Bromoform	Lin1		0.3731	0.1000	41.0	50.0	82	68-132
Isopropylbenzene	Ave	4.872	4.976		51.1	50.0	102	76-132
1,1,2,2-Tetrachloroethane	Ave	0.7292	0.6588	0.3000	45.2	50.0	90	68-132
trans-1,4-Dichloro-2-butene	Ave	0.1127	0.0924		41.0	50.0	82	48-138
Bromobenzene	Ave	0.7534	0.6710		44.5	50.0	89	76-128
1,2,3-Trichloropropane	Ave	0.1841	0.1769		48.1	50.0	96	76-128
N-Propylbenzene	Ave	4.864	4.441		45.7	50.0	91	76-132
2-Chlorotoluene	Ave	3.188	2.905		45.6	50.0	91	80-124
1,3,5-Trimethylbenzene	Ave	3.901	3.826		49.0	50.0	98	80-128
4-Chlorotoluene	Ave	2.255	1.833		40.6	50.0	81	80-124
tert-Butylbenzene	Lin1		3.681		43.6	50.0	87	76-132
1,2,4-Trimethylbenzene	Ave	3.778	3.483		46.1	50.0	92	80-128
sec-Butylbenzene	Ave	5.206	5.388		51.7	50.0	103	80-128
1,3-Dichlorobenzene	Ave	1.790	1.496		41.8	50.0	84	80-124
4-Isopropyltoluene	Ave	4.790	4.814		50.3	50.0	101	80-128
1,4-Dichlorobenzene	Ave	1.708	1.403		41.1	50.0	82	76-120
n-Butylbenzene	Ave	4.433	3.952		44.6	50.0	89	76-132
1,2-Dichlorobenzene	Ave	1.986	1.735		43.7	50.0	87	80-124
1,2-Dibromo-3-Chloropropane	Ave	0.2347	0.2078		44.3	50.0	89	64-128
1,2,4-Trichlorobenzene	Ave	2.475	2.240		45.3	50.0	91	76-128
Hexachlorobutadiene	Ave	1.543	1.501		48.7	50.0	97	76-132
Naphthalene	Ave	5.085	4.623		45.5	50.0	91	68-136
1,2,3-Trichlorobenzene	Ave	2.382	2.202		46.2	50.0	92	72-128
Dibromofluoromethane (Surr)	Ave	0.3135	0.2849		36.4	40.0	91	80-120
Toluene-d8 (Surr)	Ave	1.800	1.549		34.4	40.0	86	80-120
4-Bromofluorobenzene (Surr)	Ave	0.7520	0.6442		34.3	40.0	86	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-288554/6

Matrix: Water | Lab File ID: 11142206.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	1.52	J	2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-288554/6

Matrix: Water Lab File ID: 11142206.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289041/6

Matrix: Water | Lab File ID: 11182237.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289041/6

Matrix: Water | Lab File ID: 11182237.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-289041/6

Matrix: Water Lab File ID: 11182237.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 23:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289135/6

Matrix: Water | Lab File ID: 11212213.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	0.45
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.50
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.49
75-35-4	1,1-Dichloroethene	ND		5.0	0.54
563-58-6	1,1-Dichloropropene	ND		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	ND		5.0	3.3
96-18-4	1,2,3-Trichloropropane	ND		10	3.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	3.8
106-93-4	1,2-Dibromoethane	ND		2.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.49
107-06-2	1,2-Dichloroethane	ND		2.0	0.53
78-87-5	1,2-Dichloropropane	ND		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.48
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.48
142-28-9	1,3-Dichloropropane	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.51
594-20-7	2,2-Dichloropropane	ND		2.0	0.57
78-93-3	2-Butanone (MEK)	ND		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	ND		10	3.3
106-43-4	4-Chlorotoluene	ND		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	1.2
67-64-1	Acetone	ND		20	9.8
71-43-2	Benzene	ND		2.0	0.52
108-86-1	Bromobenzene	ND		5.0	0.49
74-97-5	Chlorobromomethane	ND		5.0	0.48
75-27-4	Dichlorobromomethane	ND		2.0	0.50
75-25-2	Bromoform	ND		5.0	0.64
74-83-9	Bromomethane	ND		10	5.2
75-15-0	Carbon disulfide	ND		5.0	1.8
56-23-5	Carbon tetrachloride	ND		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 550-289135/6

Matrix: Water | Lab File ID: 11212213.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	ND		2.0	0.48
75-00-3	Chloroethane	ND		5.0	0.62
67-66-3	Chloroform	ND		2.0	0.48
74-87-3	Chloromethane	ND		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	ND		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.46
124-48-1	Chlorodibromomethane	ND		2.0	0.47
74-95-3	Dibromomethane	ND		2.0	0.55
75-71-8	Dichlorodifluoromethane	ND		5.0	0.84
100-41-4	Ethylbenzene	ND		2.0	0.50
76-13-1	Freon 113	ND		5.0	0.53
87-68-3	Hexachlorobutadiene	ND		5.0	1.4
74-88-4	Iodomethane	ND		2.0	0.53
98-82-8	Isopropylbenzene	ND		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	ND		5.0	0.97
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.52
75-09-2	Methylene Chloride	ND		5.0	4.4
91-20-3	Naphthalene	ND		5.0	2.2
104-51-8	n-Butylbenzene	ND		5.0	0.55
103-65-1	N-Propylbenzene	ND		2.0	0.49
95-47-6	o-Xylene	ND		5.0	0.47
99-87-6	4-Isopropyltoluene	ND		2.0	0.51
135-98-8	sec-Butylbenzene	ND		5.0	0.48
100-42-5	Styrene	ND		2.0	0.49
98-06-6	tert-Butylbenzene	ND		5.0	0.45
127-18-4	Tetrachloroethene	ND		2.0	0.48
108-88-3	Toluene	ND		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.65
79-01-6	Trichloroethene	ND		2.0	0.54
75-69-4	Trichlorofluoromethane	ND		5.0	0.63
108-05-4	Vinyl acetate	ND		25	4.1
75-01-4	Vinyl chloride	ND		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 550-289135/6

Matrix: Water Lab File ID: 11212213.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 14:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.6		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.7		2.0	0.50
79-00-5	1,1,2-Trichloroethane	44.8		2.0	0.54
75-34-3	1,1-Dichloroethane	51.2		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.1		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.0		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	44.4		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	46.4		5.0	3.8
106-93-4	1,2-Dibromoethane	45.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.4		2.0	0.49
107-06-2	1,2-Dichloroethane	44.2		2.0	0.53
78-87-5	1,2-Dichloropropane	46.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.7		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.3		2.0	0.48
142-28-9	1,3-Dichloropropane	45.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.5		2.0	0.51
594-20-7	2,2-Dichloropropane	53.5		2.0	0.57
78-93-3	2-Butanone (MEK)	52.3		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.9		10	3.3
106-43-4	4-Chlorotoluene	45.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	51.0		10	1.2
67-64-1	Acetone	43.6		20	9.8
71-43-2	Benzene	46.2		2.0	0.52
108-86-1	Bromobenzene	42.4		5.0	0.49
74-97-5	Chlorobromomethane	48.1		5.0	0.48
75-27-4	Dichlorobromomethane	45.6		2.0	0.50
75-25-2	Bromoform	38.3		5.0	0.64
74-83-9	Bromomethane	56.7		10	5.2
75-15-0	Carbon disulfide	58.4		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-288554/3

Matrix: Water | Lab File ID: 11142203.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.0		5.0	0.62
67-66-3	Chloroform	48.8		2.0	0.48
74-87-3	Chloromethane	60.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.7		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.8		2.0	0.46
124-48-1	Chlorodibromomethane	45.4		2.0	0.47
74-95-3	Dibromomethane	44.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.2		5.0	0.84
100-41-4	Ethylbenzene	46.0		2.0	0.50
76-13-1	Freon 113	52.4		5.0	0.53
87-68-3	Hexachlorobutadiene	45.8		5.0	1.4
74-88-4	Iodomethane	55.9		2.0	0.53
98-82-8	Isopropylbenzene	46.1		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.0		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.4		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.5		5.0	2.2
104-51-8	n-Butylbenzene	48.3		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	47.0		2.0	0.51
135-98-8	sec-Butylbenzene	46.4		5.0	0.48
100-42-5	Styrene	44.3		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	45.9		2.0	0.48
108-88-3	Toluene	46.6		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.4		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.1		2.0	0.65
79-01-6	Trichloroethene	46.2		2.0	0.54
75-69-4	Trichlorofluoromethane	50.3		5.0	0.63
108-05-4	Vinyl acetate	57.6		25	4.1
75-01-4	Vinyl chloride	57.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-288554/3

Matrix: Water Lab File ID: 11142203.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289041/1002

Matrix: Water | Lab File ID: -11182234-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	41.2		5.0	0.45
71-55-6	1,1,1-Trichloroethane	49.7		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	41.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	41.1		2.0	0.54
75-34-3	1,1-Dichloroethane	49.0		2.0	0.49
75-35-4	1,1-Dichloroethene	49.5		5.0	0.54
563-58-6	1,1-Dichloropropene	45.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	41.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	43.1		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	43.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.8		5.0	3.8
106-93-4	1,2-Dibromoethane	42.3		2.0	0.47
95-50-1	1,2-Dichlorobenzene	40.9		2.0	0.49
107-06-2	1,2-Dichloroethane	40.0		2.0	0.53
78-87-5	1,2-Dichloropropane	42.8		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	43.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	42.0		2.0	0.48
142-28-9	1,3-Dichloropropane	41.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	41.5		2.0	0.51
594-20-7	2,2-Dichloropropane	49.6		2.0	0.57
78-93-3	2-Butanone (MEK)	55.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	51.8		10	3.3
106-43-4	4-Chlorotoluene	43.0		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	47.5		10	1.2
67-64-1	Acetone	57.7		20	9.8
71-43-2	Benzene	43.8		2.0	0.52
108-86-1	Bromobenzene	40.8		5.0	0.49
74-97-5	Chlorobromomethane	45.6		5.0	0.48
75-27-4	Dichlorobromomethane	41.9		2.0	0.50
75-25-2	Bromoform	35.9		5.0	0.64
74-83-9	Bromomethane	49.3		10	5.2
75-15-0	Carbon disulfide	55.2		5.0	1.8
56-23-5	Carbon tetrachloride	46.0		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289041/1002

Matrix: Water | Lab File ID: -11182234-LCS.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.2		2.0	0.48
75-00-3	Chloroethane	55.4		5.0	0.62
67-66-3	Chloroform	46.4		2.0	0.48
74-87-3	Chloromethane	44.1		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	43.6		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	42.9		2.0	0.46
124-48-1	Chlorodibromomethane	42.1		2.0	0.47
74-95-3	Dibromomethane	41.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	45.1		5.0	0.84
100-41-4	Ethylbenzene	44.4		2.0	0.50
76-13-1	Freon 113	52.6		5.0	0.53
87-68-3	Hexachlorobutadiene	49.7		5.0	1.4
74-88-4	Iodomethane	49.5		2.0	0.53
98-82-8	Isopropylbenzene	46.5		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	44.3		5.0	0.97
1634-04-4	Methyl tert-butyl ether	45.4		1.0	0.52
75-09-2	Methylene Chloride	48.1		5.0	4.4
91-20-3	Naphthalene	43.2		5.0	2.2
104-51-8	n-Butylbenzene	47.9		5.0	0.55
103-65-1	N-Propylbenzene	46.1		2.0	0.49
95-47-6	o-Xylene	43.4		5.0	0.47
99-87-6	4-Isopropyltoluene	46.8		2.0	0.51
135-98-8	sec-Butylbenzene	47.1		5.0	0.48
100-42-5	Styrene	42.4		2.0	0.49
98-06-6	tert-Butylbenzene	47.6		5.0	0.45
127-18-4	Tetrachloroethene	45.2		2.0	0.48
108-88-3	Toluene	43.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	49.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	43.3		2.0	0.65
79-01-6	Trichloroethene	44.5		2.0	0.54
75-69-4	Trichlorofluoromethane	52.8		5.0	0.63
108-05-4	Vinyl acetate	47.9		25	4.1
75-01-4	Vinyl chloride	58.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289041/1002

Matrix: Water Lab File ID: -11182234-LCS.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 22:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289135/3

Matrix: Water | Lab File ID: 11212210.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	47.6		5.0	0.45
71-55-6	1,1,1-Trichloroethane	47.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	41.6		2.0	0.54
75-34-3	1,1-Dichloroethane	41.6		2.0	0.49
75-35-4	1,1-Dichloroethene	47.4		5.0	0.54
563-58-6	1,1-Dichloropropene	49.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.6		5.0	3.3
96-18-4	1,2,3-Trichloropropane	46.2		10	3.5
120-82-1	1,2,4-Trichlorobenzene	46.5		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	44.8		5.0	3.8
106-93-4	1,2-Dibromoethane	40.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.1		2.0	0.49
107-06-2	1,2-Dichloroethane	42.4		2.0	0.53
78-87-5	1,2-Dichloropropane	41.5		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	49.9		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.1		2.0	0.48
142-28-9	1,3-Dichloropropane	40.8		2.0	0.50
106-46-7	1,4-Dichlorobenzene	42.3		2.0	0.51
594-20-7	2,2-Dichloropropane	47.0		2.0	0.57
78-93-3	2-Butanone (MEK)	39.7		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	36.0		10	3.3
106-43-4	4-Chlorotoluene	40.9		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	42.3		10	1.2
67-64-1	Acetone	42.2		20	9.8
71-43-2	Benzene	40.9		2.0	0.52
108-86-1	Bromobenzene	44.5		5.0	0.49
74-97-5	Chlorobromomethane	43.5		5.0	0.48
75-27-4	Dichlorobromomethane	39.8		2.0	0.50
75-25-2	Bromoform	39.5		5.0	0.64
74-83-9	Bromomethane	54.2		10	5.2
75-15-0	Carbon disulfide	46.9		5.0	1.8
56-23-5	Carbon tetrachloride	50.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 550-289135/3

Matrix: Water | Lab File ID: 11212210.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.5		2.0	0.48
75-00-3	Chloroethane	51.6		5.0	0.62
67-66-3	Chloroform	40.4		2.0	0.48
74-87-3	Chloromethane	42.7		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	42.5		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	40.7		2.0	0.46
124-48-1	Chlorodibromomethane	43.1		2.0	0.47
74-95-3	Dibromomethane	42.5		2.0	0.55
75-71-8	Dichlorodifluoromethane	52.7		5.0	0.84
100-41-4	Ethylbenzene	43.0		2.0	0.50
76-13-1	Freon 113	56.1		5.0	0.53
87-68-3	Hexachlorobutadiene	53.6		5.0	1.4
74-88-4	Iodomethane	46.6		2.0	0.53
98-82-8	Isopropylbenzene	52.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	44.2		1.0	0.52
75-09-2	Methylene Chloride	45.2		5.0	4.4
91-20-3	Naphthalene	46.9		5.0	2.2
104-51-8	n-Butylbenzene	47.0		5.0	0.55
103-65-1	N-Propylbenzene	46.9		2.0	0.49
95-47-6	o-Xylene	48.6		5.0	0.47
99-87-6	4-Isopropyltoluene	52.0		2.0	0.51
135-98-8	sec-Butylbenzene	54.5		5.0	0.48
100-42-5	Styrene	42.4		2.0	0.49
98-06-6	tert-Butylbenzene	46.0		5.0	0.45
127-18-4	Tetrachloroethene	49.8		2.0	0.48
108-88-3	Toluene	43.2		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	43.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	40.6		2.0	0.65
79-01-6	Trichloroethene	47.3		2.0	0.54
75-69-4	Trichlorofluoromethane	56.2		5.0	0.63
108-05-4	Vinyl acetate	40.7		25	4.1
75-01-4	Vinyl chloride	49.4		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 550-289135/3

Matrix: Water Lab File ID: 11212210.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 13:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	46.9		2.0	0.50
79-00-5	1,1,2-Trichloroethane	45.9		2.0	0.54
75-34-3	1,1-Dichloroethane	51.3		2.0	0.49
75-35-4	1,1-Dichloroethene	50.4		5.0	0.54
563-58-6	1,1-Dichloropropene	47.6		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	40.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	45.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	46.0		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	49.6		5.0	3.8
106-93-4	1,2-Dibromoethane	47.1		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.9		2.0	0.49
107-06-2	1,2-Dichloroethane	44.8		2.0	0.53
78-87-5	1,2-Dichloropropane	46.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.4		2.0	0.48
142-28-9	1,3-Dichloropropane	46.3		2.0	0.50
106-46-7	1,4-Dichlorobenzene	44.4		2.0	0.51
594-20-7	2,2-Dichloropropane	53.9		2.0	0.57
78-93-3	2-Butanone (MEK)	59.0		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	59.1		10	3.3
106-43-4	4-Chlorotoluene	45.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	55.9		10	1.2
67-64-1	Acetone	49.7		20	9.8
71-43-2	Benzene	46.1		2.0	0.52
108-86-1	Bromobenzene	43.0		5.0	0.49
74-97-5	Chlorobromomethane	48.7		5.0	0.48
75-27-4	Dichlorobromomethane	45.4		2.0	0.50
75-25-2	Bromoform	39.6		5.0	0.64
74-83-9	Bromomethane	56.3		10	5.2
75-15-0	Carbon disulfide	58.6		5.0	1.8
56-23-5	Carbon tetrachloride	46.3		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-288554/4

Matrix: Water | Lab File ID: 11142204.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 288554 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.7		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	49.0		2.0	0.48
74-87-3	Chloromethane	59.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	47.2		2.0	0.46
124-48-1	Chlorodibromomethane	45.7		2.0	0.47
74-95-3	Dibromomethane	45.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	53.6		5.0	0.84
100-41-4	Ethylbenzene	46.5		2.0	0.50
76-13-1	Freon 113	53.4		5.0	0.53
87-68-3	Hexachlorobutadiene	43.8		5.0	1.4
74-88-4	Iodomethane	54.2		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	53.0		1.0	0.52
75-09-2	Methylene Chloride	49.0		5.0	4.4
91-20-3	Naphthalene	42.6		5.0	2.2
104-51-8	n-Butylbenzene	48.5		5.0	0.55
103-65-1	N-Propylbenzene	45.8		2.0	0.49
95-47-6	o-Xylene	44.2		5.0	0.47
99-87-6	4-Isopropyltoluene	47.4		2.0	0.51
135-98-8	sec-Butylbenzene	46.1		5.0	0.48
100-42-5	Styrene	44.2		2.0	0.49
98-06-6	tert-Butylbenzene	45.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	46.0		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	50.5		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	48.0		2.0	0.65
79-01-6	Trichloroethene	45.9		2.0	0.54
75-69-4	Trichlorofluoromethane	51.0		5.0	0.63
108-05-4	Vinyl acetate	57.8		25	4.1
75-01-4	Vinyl chloride	57.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-288554/4

Matrix: Water Lab File ID: 11142204.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/14/2022 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 288554 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289041/4

Matrix: Water | Lab File ID: 11182235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	43.3		5.0	0.45
71-55-6	1,1,1-Trichloroethane	50.9		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	43.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	42.6		2.0	0.54
75-34-3	1,1-Dichloroethane	50.6		2.0	0.49
75-35-4	1,1-Dichloroethene	50.8		5.0	0.54
563-58-6	1,1-Dichloropropene	47.3		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	42.2		5.0	3.3
96-18-4	1,2,3-Trichloropropane	42.3		10	3.5
120-82-1	1,2,4-Trichlorobenzene	42.2		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	45.7		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	45.7		5.0	3.8
106-93-4	1,2-Dibromoethane	43.4		2.0	0.47
95-50-1	1,2-Dichlorobenzene	42.1		2.0	0.49
107-06-2	1,2-Dichloroethane	41.6		2.0	0.53
78-87-5	1,2-Dichloropropane	44.7		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	44.6		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.7		2.0	0.48
142-28-9	1,3-Dichloropropane	43.1		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.0		2.0	0.51
594-20-7	2,2-Dichloropropane	51.2		2.0	0.57
78-93-3	2-Butanone (MEK)	54.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	52.8		10	3.3
106-43-4	4-Chlorotoluene	44.3		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	48.7		10	1.2
67-64-1	Acetone	56.4		20	9.8
71-43-2	Benzene	45.5		2.0	0.52
108-86-1	Bromobenzene	42.2		5.0	0.49
74-97-5	Chlorobromomethane	46.9		5.0	0.48
75-27-4	Dichlorobromomethane	43.4		2.0	0.50
75-25-2	Bromoform	36.7		5.0	0.64
74-83-9	Bromomethane	54.8		10	5.2
75-15-0	Carbon disulfide	57.0		5.0	1.8
56-23-5	Carbon tetrachloride	47.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289041/4

Matrix: Water | Lab File ID: 11182235.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289041 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	44.0		2.0	0.48
75-00-3	Chloroethane	57.9		5.0	0.62
67-66-3	Chloroform	47.9		2.0	0.48
74-87-3	Chloromethane	44.9		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	45.3		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	44.5		2.0	0.46
124-48-1	Chlorodibromomethane	43.3		2.0	0.47
74-95-3	Dibromomethane	42.7		2.0	0.55
75-71-8	Dichlorodifluoromethane	46.2		5.0	0.84
100-41-4	Ethylbenzene	46.4		2.0	0.50
76-13-1	Freon 113	54.1		5.0	0.53
87-68-3	Hexachlorobutadiene	49.3		5.0	1.4
74-88-4	Iodomethane	51.3		2.0	0.53
98-82-8	Isopropylbenzene	47.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	45.8		5.0	0.97
1634-04-4	Methyl tert-butyl ether	46.6		1.0	0.52
75-09-2	Methylene Chloride	49.5		5.0	4.4
91-20-3	Naphthalene	42.7		5.0	2.2
104-51-8	n-Butylbenzene	49.4		5.0	0.55
103-65-1	N-Propylbenzene	47.4		2.0	0.49
95-47-6	o-Xylene	45.1		5.0	0.47
99-87-6	4-Isopropyltoluene	48.2		2.0	0.51
135-98-8	sec-Butylbenzene	48.4		5.0	0.48
100-42-5	Styrene	44.0		2.0	0.49
98-06-6	tert-Butylbenzene	48.7		5.0	0.45
127-18-4	Tetrachloroethene	46.3		2.0	0.48
108-88-3	Toluene	45.3		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	51.1		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	44.3		2.0	0.65
79-01-6	Trichloroethene	45.7		2.0	0.54
75-69-4	Trichlorofluoromethane	53.8		5.0	0.63
108-05-4	Vinyl acetate	52.4		25	4.1
75-01-4	Vinyl chloride	59.2		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-289041/4

Matrix: Water Lab File ID: 11182235.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/18/2022 22:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289041 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289135/4

Matrix: Water | Lab File ID: 11212211.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	43.8		5.0	0.45
71-55-6	1,1,1-Trichloroethane	45.0		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.8		2.0	0.50
79-00-5	1,1,2-Trichloroethane	40.7		2.0	0.54
75-34-3	1,1-Dichloroethane	40.8		2.0	0.49
75-35-4	1,1-Dichloroethene	44.6		5.0	0.54
563-58-6	1,1-Dichloropropene	46.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.5		5.0	3.3
96-18-4	1,2,3-Trichloropropane	46.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	47.0		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.6		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	43.6		5.0	3.8
106-93-4	1,2-Dibromoethane	39.9		2.0	0.47
95-50-1	1,2-Dichlorobenzene	45.0		2.0	0.49
107-06-2	1,2-Dichloroethane	40.7		2.0	0.53
78-87-5	1,2-Dichloropropane	39.2		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	51.3		2.0	0.48
541-73-1	1,3-Dichlorobenzene	44.2		2.0	0.48
142-28-9	1,3-Dichloropropane	40.5		2.0	0.50
106-46-7	1,4-Dichlorobenzene	42.8		2.0	0.51
594-20-7	2,2-Dichloropropane	44.9		2.0	0.57
78-93-3	2-Butanone (MEK)	37.6		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	34.3		10	3.3
106-43-4	4-Chlorotoluene	43.1		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	38.0		10	1.2
67-64-1	Acetone	38.3		20	9.8
71-43-2	Benzene	38.3		2.0	0.52
108-86-1	Bromobenzene	46.3		5.0	0.49
74-97-5	Chlorobromomethane	43.2		5.0	0.48
75-27-4	Dichlorobromomethane	38.3		2.0	0.50
75-25-2	Bromoform	40.6		5.0	0.64
74-83-9	Bromomethane	51.2		10	5.2
75-15-0	Carbon disulfide	43.7		5.0	1.8
56-23-5	Carbon tetrachloride	44.5		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 550-289135/4

Matrix: Water | Lab File ID: 11212211.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.1		2.0	0.48
75-00-3	Chloroethane	47.8		5.0	0.62
67-66-3	Chloroform	40.8		2.0	0.48
74-87-3	Chloromethane	39.2		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	39.1		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	39.8		2.0	0.46
124-48-1	Chlorodibromomethane	41.4		2.0	0.47
74-95-3	Dibromomethane	39.3		2.0	0.55
75-71-8	Dichlorodifluoromethane	44.5		5.0	0.84
100-41-4	Ethylbenzene	41.5		2.0	0.50
76-13-1	Freon 113	52.1		5.0	0.53
87-68-3	Hexachlorobutadiene	54.6		5.0	1.4
74-88-4	Iodomethane	44.0		2.0	0.53
98-82-8	Isopropylbenzene	53.5		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	50.2		5.0	0.97
1634-04-4	Methyl tert-butyl ether	42.5		1.0	0.52
75-09-2	Methylene Chloride	43.5		5.0	4.4
91-20-3	Naphthalene	46.1		5.0	2.2
104-51-8	n-Butylbenzene	47.5		5.0	0.55
103-65-1	N-Propylbenzene	48.2		2.0	0.49
95-47-6	o-Xylene	50.8		5.0	0.47
99-87-6	4-Isopropyltoluene	52.8		2.0	0.51
135-98-8	sec-Butylbenzene	54.7		5.0	0.48
100-42-5	Styrene	45.9		2.0	0.49
98-06-6	tert-Butylbenzene	46.7		5.0	0.45
127-18-4	Tetrachloroethene	47.8		2.0	0.48
108-88-3	Toluene	41.4		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	42.3		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	40.0		2.0	0.65
79-01-6	Trichloroethene	44.7		2.0	0.54
75-69-4	Trichlorofluoromethane	52.4		5.0	0.63
108-05-4	Vinyl acetate	38.5		25	4.1
75-01-4	Vinyl chloride	45.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 550-289135/4

Matrix: Water Lab File ID: 11212211.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MS | Lab Sample ID: 550-193492-2 MS

Matrix: Water | Lab File ID: 11212214.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	48.7		5.0	0.45
71-55-6	1,1,1-Trichloroethane	46.3		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	44.4		2.0	0.50
79-00-5	1,1,2-Trichloroethane	43.8		2.0	0.54
75-34-3	1,1-Dichloroethane	43.1		2.0	0.49
75-35-4	1,1-Dichloroethene	44.2		5.0	0.54
563-58-6	1,1-Dichloropropene	42.0		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	49.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	46.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	49.6		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	47.4		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	42.7		5.0	3.8
106-93-4	1,2-Dibromoethane	42.0		2.0	0.47
95-50-1	1,2-Dichlorobenzene	45.4		2.0	0.49
107-06-2	1,2-Dichloroethane	42.1		2.0	0.53
78-87-5	1,2-Dichloropropane	40.9		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	50.1		2.0	0.48
541-73-1	1,3-Dichlorobenzene	43.4		2.0	0.48
142-28-9	1,3-Dichloropropane	42.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	42.9		2.0	0.51
594-20-7	2,2-Dichloropropane	46.9		2.0	0.57
78-93-3	2-Butanone (MEK)	37.8		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	34.1		10	3.3
106-43-4	4-Chlorotoluene	41.5		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	40.3		10	1.2
67-64-1	Acetone	37.2		20	9.8
71-43-2	Benzene	38.6		2.0	0.52
108-86-1	Bromobenzene	46.1		5.0	0.49
74-97-5	Chlorobromomethane	49.0		5.0	0.48
75-27-4	Dichlorobromomethane	40.6		2.0	0.50
75-25-2	Bromoform	40.8		5.0	0.64
74-83-9	Bromomethane	54.6		10	5.2
75-15-0	Carbon disulfide	45.5		5.0	1.8
56-23-5	Carbon tetrachloride	43.7		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MS | Lab Sample ID: 550-193492-2 MS

Matrix: Water | Lab File ID: 11212214.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.9		2.0	0.48
75-00-3	Chloroethane	49.4		5.0	0.62
67-66-3	Chloroform	43.3		2.0	0.48
74-87-3	Chloromethane	39.4		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	44.0		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	41.5		2.0	0.46
124-48-1	Chlorodibromomethane	45.1		2.0	0.47
74-95-3	Dibromomethane	41.1		2.0	0.55
75-71-8	Dichlorodifluoromethane	39.7		5.0	0.84
100-41-4	Ethylbenzene	41.1		2.0	0.50
76-13-1	Freon 113	50.5		5.0	0.53
87-68-3	Hexachlorobutadiene	49.2		5.0	1.4
74-88-4	Iodomethane	49.0		2.0	0.53
98-82-8	Isopropylbenzene	50.6		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	47.4		5.0	0.97
1634-04-4	Methyl tert-butyl ether	51.3		1.0	0.52
75-09-2	Methylene Chloride	49.9		5.0	4.4
91-20-3	Naphthalene	45.7		5.0	2.2
104-51-8	n-Butylbenzene	43.8		5.0	0.55
103-65-1	N-Propylbenzene	44.4		2.0	0.49
95-47-6	o-Xylene	50.5		5.0	0.47
99-87-6	4-Isopropyltoluene	50.2		2.0	0.51
135-98-8	sec-Butylbenzene	51.3		5.0	0.48
100-42-5	Styrene	44.6		2.0	0.49
98-06-6	tert-Butylbenzene	44.0		5.0	0.45
127-18-4	Tetrachloroethene	44.5		2.0	0.48
108-88-3	Toluene	41.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	45.6		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	41.7		2.0	0.65
79-01-6	Trichloroethene	42.6		2.0	0.54
75-69-4	Trichlorofluoromethane	49.6		5.0	0.63
108-05-4	Vinyl acetate	42.0		25	4.1
75-01-4	Vinyl chloride	43.9		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MS Lab Sample ID: 550-193492-2 MS

Matrix: Water Lab File ID: 11212214.D

Analysis Method: 8260B Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 14:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	4-Bromofluorobenzene (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MSD | Lab Sample ID: 550-193492-2 MSD

Matrix: Water | Lab File ID: 11212215.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	42.5		5.0	0.45
71-55-6	1,1,1-Trichloroethane	41.5		2.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	42.3		2.0	0.50
79-00-5	1,1,2-Trichloroethane	42.8		2.0	0.54
75-34-3	1,1-Dichloroethane	40.6		2.0	0.49
75-35-4	1,1-Dichloroethene	40.2		5.0	0.54
563-58-6	1,1-Dichloropropene	38.7		2.0	0.49
87-61-6	1,2,3-Trichlorobenzene	48.4		5.0	3.3
96-18-4	1,2,3-Trichloropropane	44.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	45.9		5.0	1.9
95-63-6	1,2,4-Trimethylbenzene	44.8		2.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	40.4		5.0	3.8
106-93-4	1,2-Dibromoethane	42.8		2.0	0.47
95-50-1	1,2-Dichlorobenzene	44.1		2.0	0.49
107-06-2	1,2-Dichloroethane	40.1		2.0	0.53
78-87-5	1,2-Dichloropropane	38.3		2.0	0.53
108-67-8	1,3,5-Trimethylbenzene	46.8		2.0	0.48
541-73-1	1,3-Dichlorobenzene	42.7		2.0	0.48
142-28-9	1,3-Dichloropropane	42.9		2.0	0.50
106-46-7	1,4-Dichlorobenzene	43.2		2.0	0.51
594-20-7	2,2-Dichloropropane	42.0		2.0	0.57
78-93-3	2-Butanone (MEK)	37.9		10	6.0
591-78-6	Methyl n-butyl ketone (MNBK)	32.8		10	3.3
106-43-4	4-Chlorotoluene	41.7		5.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	35.6		10	1.2
67-64-1	Acetone	32.5		20	9.8
71-43-2	Benzene	35.8		2.0	0.52
108-86-1	Bromobenzene	47.5		5.0	0.49
74-97-5	Chlorobromomethane	46.3		5.0	0.48
75-27-4	Dichlorobromomethane	38.5		2.0	0.50
75-25-2	Bromoform	42.9		5.0	0.64
74-83-9	Bromomethane	49.0		10	5.2
75-15-0	Carbon disulfide	40.5		5.0	1.8
56-23-5	Carbon tetrachloride	37.2		5.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix | Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MSD | Lab Sample ID: 550-193492-2 MSD

Matrix: Water | Lab File ID: 11212215.D

Analysis Method: 8260B | Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) | Date Analyzed: 11/21/2022 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) | Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 289135 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	42.1		2.0	0.48
75-00-3	Chloroethane	44.3		5.0	0.62
67-66-3	Chloroform	41.6		2.0	0.48
74-87-3	Chloromethane	35.5		5.0	0.84
156-59-2	cis-1,2-Dichloroethene	39.4		2.0	0.62
10061-01-5	cis-1,3-Dichloropropene	42.3		2.0	0.46
124-48-1	Chlorodibromomethane	43.9		2.0	0.47
74-95-3	Dibromomethane	40.8		2.0	0.55
75-71-8	Dichlorodifluoromethane	38.2		5.0	0.84
100-41-4	Ethylbenzene	38.5		2.0	0.50
76-13-1	Freon 113	45.0		5.0	0.53
87-68-3	Hexachlorobutadiene	47.5		5.0	1.4
74-88-4	Iodomethane	44.0		2.0	0.53
98-82-8	Isopropylbenzene	46.3		2.0	0.46
179601-23-1	m-Xylene & p-Xylene	46.5		5.0	0.97
1634-04-4	Methyl tert-butyl ether	46.5		1.0	0.52
75-09-2	Methylene Chloride	45.5		5.0	4.4
91-20-3	Naphthalene	44.9		5.0	2.2
104-51-8	n-Butylbenzene	40.3		5.0	0.55
103-65-1	N-Propylbenzene	42.4		2.0	0.49
95-47-6	o-Xylene	47.7		5.0	0.47
99-87-6	4-Isopropyltoluene	46.3		2.0	0.51
135-98-8	sec-Butylbenzene	46.9		5.0	0.48
100-42-5	Styrene	45.5		2.0	0.49
98-06-6	tert-Butylbenzene	41.3		5.0	0.45
127-18-4	Tetrachloroethene	42.0		2.0	0.48
108-88-3	Toluene	39.9		2.0	0.49
156-60-5	trans-1,2-Dichloroethene	42.2		2.0	0.52
10061-02-6	trans-1,3-Dichloropropene	43.5		2.0	0.65
79-01-6	Trichloroethene	40.5		2.0	0.54
75-69-4	Trichlorofluoromethane	45.3		5.0	0.63
108-05-4	Vinyl acetate	45.4		25	4.1
75-01-4	Vinyl chloride	39.6		5.0	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Client Sample ID: RDP-02_11-2022 MSD Lab Sample ID: 550-193492-2 MSD

Matrix: Water Lab File ID: 11212215.D

Analysis Method: 8260B Date Collected: 11/09/2022 11:34

Sample wt/vol: 10(mL) Date Analyzed: 11/21/2022 14:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rxi-624Sil ID: 0.25(mm)

Purge Volume: 10.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 289135 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	4-Bromofluorobenzene (Surr)	90		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/03/2022 18:48

Analysis Batch Number: 287854 End Date: 11/04/2022 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-287854/1		11/03/2022 18:48	1	11032226.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/03/2022 19:51	1		Rxi-624Sil 0.25(mm)
STD1 550-287854/4 IC		11/03/2022 20:12	1	11032230.D	Rxi-624Sil 0.25(mm)
STD2 550-287854/5 IC		11/03/2022 20:33	1	11032231.D	Rxi-624Sil 0.25(mm)
STD3 550-287854/6 IC		11/03/2022 20:54	1	11032232.D	Rxi-624Sil 0.25(mm)
STD4 550-287854/7 IC		11/03/2022 21:15	1	11032233.D	Rxi-624Sil 0.25(mm)
STD5 550-287854/8 IC		11/03/2022 21:36	1	11032234.D	Rxi-624Sil 0.25(mm)
STD6 550-287854/9 IC		11/03/2022 21:57	1	11032235.D	Rxi-624Sil 0.25(mm)
ICIS 550-287854/10		11/03/2022 22:18	1	11032236.D	Rxi-624Sil 0.25(mm)
STD8 550-287854/11 IC		11/03/2022 22:39	1	11032237.D	Rxi-624Sil 0.25(mm)
STD9 550-287854/12 IC		11/03/2022 23:00	1	11032238.D	Rxi-624Sil 0.25(mm)
ICV 550-287854/15		11/04/2022 00:03	1	11032241.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/14/2022 08:37

Analysis Batch Number: 288554 End Date: 11/14/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288554/1		11/14/2022 08:37	1	11142201.D	Rxi-624Sil 0.25(mm)
CCVIS 550-288554/2		11/14/2022 09:28	1	11142202.D	Rxi-624Sil 0.25(mm)
LCS 550-288554/3		11/14/2022 09:49	1	11142203.D	Rxi-624Sil 0.25(mm)
LCSD 550-288554/4		11/14/2022 10:10	1	11142204.D	Rxi-624Sil 0.25(mm)
MB 550-288554/6		11/14/2022 10:52	1	11142206.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:13	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 11:34	1		Rxi-624Sil 0.25(mm)
550-193492-10	TB-06_11-2022	11/14/2022 11:55	1	11142209.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:16	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:37	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 12:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 13:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:21	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 14:42	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:24	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 15:45	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:06	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:27	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 16:48	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/14/2022 17:30	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS15 Start Date: 11/18/2022 21:16

Analysis Batch Number: 289041 End Date: 11/19/2022 06:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-289041/1		11/18/2022 21:16	1	11182231.D	Rxi-624Sil 0.25(mm)
CCVIS 550-289041/2		11/18/2022 22:19	1	11182234.D	Rxi-624Sil 0.25(mm)
LCS 550-289041/1002		11/18/2022 22:19	1	-11182234-LCS.d	Rxi-624Sil 0.25(mm)
LCSD 550-289041/4		11/18/2022 22:40	1	11182235.D	Rxi-624Sil 0.25(mm)
MB 550-289041/6		11/18/2022 23:22	1	11182237.D	Rxi-624Sil 0.25(mm)
550-193492-9	EB-03_11-2022	11/18/2022 23:43	1	11182238.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:04	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:25	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 00:46	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:07	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:28	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 01:49	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:09	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:30	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 02:51	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:12	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:33	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 03:54	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 04:15	500		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 04:36	2000		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 04:57	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 05:18	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 05:39	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 06:00	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/19/2022 06:21	1		Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Start Date: 11/18/2022 08:59

Analysis Batch Number: 288994 End Date: 11/18/2022 16:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-288994/1		11/18/2022 08:59	1	11182201.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/18/2022 10:45	1		Rxi-624Sil 0.25(mm)
STD1 550-288994/4 IC		11/18/2022 11:07	1	11182204.D	Rxi-624Sil 0.25(mm)
STD2 550-288994/5 IC		11/18/2022 11:29	1	11182205.D	Rxi-624Sil 0.25(mm)
STD3 550-288994/6 IC		11/18/2022 11:51	1	11182206.D	Rxi-624Sil 0.25(mm)
STD4 550-288994/7 IC		11/18/2022 12:13	1	11182207.D	Rxi-624Sil 0.25(mm)
STD5 550-288994/8 IC		11/18/2022 12:34	1	11182208.D	Rxi-624Sil 0.25(mm)
STD6 550-288994/9 IC		11/18/2022 12:56	1	11182209.D	Rxi-624Sil 0.25(mm)
ICIS 550-288994/10		11/18/2022 13:18	1	11182210.D	Rxi-624Sil 0.25(mm)
STD8 550-288994/11 IC		11/18/2022 13:40	1	11182211.D	Rxi-624Sil 0.25(mm)
STD9 550-288994/12 IC		11/18/2022 14:01	1	11182212.D	Rxi-624Sil 0.25(mm)
ICV 550-288994/17		11/18/2022 16:14	1	11182217.D	Rxi-624Sil 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Instrument ID: GCMS24 Start Date: 11/21/2022 12:11

Analysis Batch Number: 289135 End Date: 11/21/2022 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 550-289135/1		11/21/2022 12:11	1	11212208.D	Rxi-624Sil 0.25(mm)
CCVIS 550-289135/2		11/21/2022 12:45	1	11212209.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 12:45	1		Rxi-624Sil 0.25(mm)
LCS 550-289135/3		11/21/2022 13:06	1	11212210.D	Rxi-624Sil 0.25(mm)
LCSD 550-289135/4		11/21/2022 13:28	1	11212211.D	Rxi-624Sil 0.25(mm)
MB 550-289135/6		11/21/2022 14:12	1	11212213.D	Rxi-624Sil 0.25(mm)
550-193492-2 MS	RDP-02_11-2022 MS	11/21/2022 14:34	1	11212214.D	Rxi-624Sil 0.25(mm)
550-193492-2 MSD	RDP-02_11-2022 MSD	11/21/2022 14:56	1	11212215.D	Rxi-624Sil 0.25(mm)
550-193492-2	RDP-02_11-2022	11/21/2022 15:17	1	11212216.D	Rxi-624Sil 0.25(mm)
550-193492-1	RDP-01_11-2022	11/21/2022 15:39	1	11212217.D	Rxi-624Sil 0.25(mm)
550-193492-3	RDP-03_11-2022	11/21/2022 16:23	1	11212219.D	Rxi-624Sil 0.25(mm)
550-193492-4	R-05_11-2022	11/21/2022 16:44	1	11212220.D	Rxi-624Sil 0.25(mm)
550-193492-5	R-06_S2_11-2022	11/21/2022 17:05	1	11212221.D	Rxi-624Sil 0.25(mm)
550-193492-6	R-14_11-2022	11/21/2022 17:27	1	11212222.D	Rxi-624Sil 0.25(mm)
550-193492-7	BC-7S_11-2022	11/21/2022 17:49	1	11212223.D	Rxi-624Sil 0.25(mm)
550-193492-8	BC-7D_11-2022	11/21/2022 18:10	1	11212224.D	Rxi-624Sil 0.25(mm)
550-193492-11	R-16_11-2022	11/21/2022 18:32	1	11212225.D	Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 18:53	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 19:19	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 19:41	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 20:03	1		Rxi-624Sil 0.25(mm)
ZZZZZ		11/21/2022 20:24	1		Rxi-624Sil 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00800	MV_50ppmPS 00893	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-287854/1		8260B		2 uL	2 uL			2 uL	
STD1 550-287854/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-287854/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-287854/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-287854/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-287854/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-287854/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-287854/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-287854/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-287854/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-287854/15		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
BFB 550-287854/1		8260B							
STD1 550-287854/4 IC		8260B			1 uL		5 uL		
STD2 550-287854/5 IC		8260B			2 uL		5 uL		
STD3 550-287854/6 IC		8260B			4 uL		5 uL		
STD4 550-287854/7 IC		8260B					5 uL		
STD5 550-287854/8 IC		8260B					5 uL		
STD6 550-287854/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 287854 Batch Start Date: 11/03/22 18:48 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00109	MV_IS/SRE 00165	MV_ISRE 00322	MV_Wk ICV 00440	
ICIS 550-287854/10		8260B					5 uL		
STD8 550-287854/11 IC		8260B					5 uL		
STD9 550-287854/12 IC		8260B					5 uL		
ICV 550-287854/15		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 288554 Batch Start Date: 11/14/22 08:37 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00895	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00222
BFB 550-288554/1		8260B		2 uL	10 mL			2 uL	
CCVIS 550-288554/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-288554/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-288554/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-288554/6		8260B		10 mL	10 mL				
550-193492-A-10	TB-06_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-288554/1		8260B							
CCVIS 550-288554/2		8260B			5 uL				
LCS 550-288554/3		8260B			5 uL				
LCSD 550-288554/4		8260B			5 uL				
MB 550-288554/6		8260B		5 uL					
550-193492-A-10	TB-06_11-2022	8260B	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 288994 Batch Start Date: 11/18/22 08:59 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_2.5ppmPS 00803	MV_50ppmPS 00896	MV_BFB 25ppm 00150	MV_EtOH/TBA2 00224
BFB 550-288994/1		8260B		2 uL	2 uL			2 uL	
STD1 550-288994/4 IC		8260B		10 mL	10 mL	2 uL			
STD2 550-288994/5 IC		8260B		10 mL	10 mL	4 uL			
STD3 550-288994/6 IC		8260B		10 mL	10 mL	8 uL			
STD4 550-288994/7 IC		8260B		10 mL	10 mL		1 uL		1 uL
STD5 550-288994/8 IC		8260B		10 mL	10 mL		2 uL		2 uL
STD6 550-288994/9 IC		8260B		10 mL	10 mL		5 uL		5 uL
ICIS 550-288994/10		8260B		10 mL	10 mL		10 uL		10 uL
STD8 550-288994/11 IC		8260B		10 mL	10 mL		15 uL		15 uL
STD9 550-288994/12 IC		8260B		10 mL	10 mL		20 uL		20 uL
ICV 550-288994/17		8260B		10 mL	10 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00324	MV_Wk ICV 00441	
BFB 550-288994/1		8260B							
STD1 550-288994/4 IC		8260B			1 uL		5 uL		
STD2 550-288994/5 IC		8260B			2 uL		5 uL		
STD3 550-288994/6 IC		8260B			4 uL		5 uL		
STD4 550-288994/7 IC		8260B					5 uL		
STD5 550-288994/8 IC		8260B					5 uL		
STD6 550-288994/9 IC		8260B					5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 288994 Batch Start Date: 11/18/22 08:59 Batch Analyst: Hu, Jing

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_EtOH/TBASS 00146	MV_EtOHbaby2 00110	MV_IS/SRE 00163	MV_ISRE 00324	MV_Wk ICV 00441	
ICIS 550-288994/10		8260B					5 uL		
STD8 550-288994/11 IC		8260B					5 uL		
STD9 550-288994/12 IC		8260B					5 uL		
ICV 550-288994/17		8260B		10 uL		5 uL		10 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 289041 Batch Start Date: 11/18/22 21:16 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV_50ppmPS 00896	MV_BFB 25ppm 00152	MV_EtOH/TBA2 00224	MV_IS/SRE 00165
BFB 550-289041/1		8260B		2 uL	10 mL		2 uL		
CCVIS 550-289041/2		8260B		10 mL	10 mL	10 uL		10 uL	
LCSD 550-289041/4		8260B		10 mL	10 mL	10 uL		10 uL	
MB 550-289041/6		8260B		10 mL	10 mL				5 uL
550-193492-A-9	EB-03_11-2022	8260B	T	10 mL	10 mL				5 uL
LCS 550-289041/1002		8260B		10 mL	10 mL	10 uL		10 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_ISRE 00322					
BFB 550-289041/1		8260B							
CCVIS 550-289041/2		8260B		5 uL					
LCSD 550-289041/4		8260B		5 uL					
MB 550-289041/6		8260B							
550-193492-A-9	EB-03_11-2022	8260B	T						
LCS 550-289041/1002		8260B		5 uL					

Batch Notes	
Batch Comment	Prepped/loaded by SJ

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 289135 Batch Start Date: 11/21/22 12:11 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	MV_50ppmPS 00896	MV_BFB 25ppm 00151	MV_EtOH/TBA2 00221
BFB 550-289135/1		8260B		2 uL	2 uL			2 uL	
CCVIS 550-289135/2		8260B		10 mL	10 mL		10 uL		10 uL
LCS 550-289135/3		8260B		10 mL	10 mL		10 uL		10 uL
LCSD 550-289135/4		8260B		10 mL	10 mL		10 uL		10 uL
MB 550-289135/6		8260B		10 mL	10 mL				
550-193492-B-2 MS	RDP-02_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193492-B-2 MSD	RDP-02_11-2022	8260B	T	10 mL	10 mL	2 SU	10 uL		10 uL
550-193492-B-2	RDP-02_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-A-1	RDP-01_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-3	RDP-03_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-4	R-05_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-5	R-06_S2_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-6	R-14_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-7	BC-7S_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-8	BC-7D_11-2022	8260B	T	10 mL	10 mL	2 SU			
550-193492-B-11	R-16_11-2022	8260B	T	10 mL	10 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
BFB 550-289135/1		8260B							
CCVIS 550-289135/2		8260B			5 uL				
LCS 550-289135/3		8260B			5 uL				
LCSD 550-289135/4		8260B			5 uL				
MB 550-289135/6		8260B		5 uL					
550-193492-B-2 MS	RDP-02_11-2022	8260B	T		5 uL				
550-193492-B-2 MSD	RDP-02_11-2022	8260B	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193492-1

SDG No.:

Batch Number: 289135 Batch Start Date: 11/21/22 12:11 Batch Analyst: Kandee, Ratchanok 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV_IS/SRE 00165	MV_ISRE 00322				
550-193492-B-2	RDP-02_11-2022	8260B	T	5 uL					
550-193492-A-1	RDP-01_11-2022	8260B	T	5 uL					
550-193492-B-3	RDP-03_11-2022	8260B	T	5 uL					
550-193492-B-4	R-05_11-2022	8260B	T	5 uL					
550-193492-B-5	R-06_S2_11-2022	8260B	T	5 uL					
550-193492-B-6	R-14_11-2022	8260B	T	5 uL					
550-193492-B-7	BC-7S_11-2022	8260B	T	5 uL					
550-193492-B-8	BC-7D_11-2022	8260B	T	5 uL					
550-193492-B-11	R-16_11-2022	8260B	T	5 uL					

Batch Notes	
Batch Comment	Prepped/loaded by MC

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571697 eurofins | Environment Testing TestAmerica

193492

TAL-8210

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: A. MCGLOWN	Site Contact:	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks			
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

550-193492 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260C	Sample Specific Notes:
RDP-01_11-2022	11/09	11:11	G	W	3	N	N	X	-1
RDP-02_11-2022	11/09	11:34							-2
RDP-03_11-2022	11/09	11:57							-3
R-05_11-2022	11/09	10:17							-4
R-06_S2_11-2022	11/09	12:13							-5
R-14_11-2022	11/09	10:27							-6
BC-7S_11-2022	11/09	11:15							-7
BC-7D_11-2022	11/09	11:20							-8
EB-03_11-2022	11/08	14:05							-9
TB-06_11-2022	11/02	16:13							-10

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/9/22 14:05			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Fedex				
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TLSW	11-10-22 10:30

Temp 2.0°C

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193492-1

Login Number: 193492
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers received broken. No volume could be salvaged for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

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JOB DESCRIPTION

NRAP

JOB NUMBER

550-193514-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

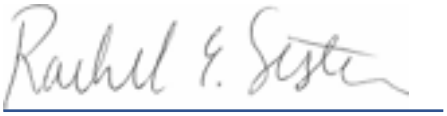
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 550-193514-1
Project/Site: NRAP

Qualifiers

Metals

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
W	PS: Post-digestion spike was outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193514-1

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 17.2º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: M-09_11-2022 (550-193514-1), M-09_11-2022 (550-193514-1[MS]), M-09_11-2022 (550-193514-1[MSD]), EWMW-2_11-2022 (550-193514-2), EWMW-4A_11-2022 (550-193514-3), R-05_11-2022 (550-193514-4), M-15_11-2022 (550-193514-5), M-909_11-2022 (550-193514-6), BC-6_11-2022 (550-193514-7) and BC-5_11-2022 (550-193514-8). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis.

Metals
Method 6020B: The following samples were diluted to bring the concentration of Manganese within the calibration range: EWMW-2_11-2022 (550-193514-2), R-05_11-2022 (550-193514-4), BC-6_11-2022 (550-193514-7) and BC-5_11-2022 (550-193514-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193514-1

Client Sample ID: M-09_11-2022 — Lab Sample ID: 550-193514-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.13	J	0.40	0.019	mg/L	1		6010B	Dissolved
Manganese	95		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: EWMW-2_11-2022 — Lab Sample ID: 550-193514-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	6.6		0.40	0.019	mg/L	1		6010B	Dissolved
Manganese	2800		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: EWMW-4A_11-2022 — Lab Sample ID: 550-193514-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.026	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	0.25	J	1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	34		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-05_11-2022 — Lab Sample ID: 550-193514-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.40		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	2.3		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	4300		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: M-15_11-2022 — Lab Sample ID: 550-193514-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	7.7		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: M-909_11-2022 — Lab Sample ID: 550-193514-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.11	J	0.40	0.019	mg/L	1		6010B	Dissolved
Manganese	91		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: BC-6_11-2022 — Lab Sample ID: 550-193514-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.17	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	1.9		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	3800		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: BC-5_11-2022 — Lab Sample ID: 550-193514-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	1.8		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	1.1		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	3000		25	2.6	ug/L	10		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: M-09_11-2022
Lab Sample ID: 550-193514-1
Date Collected: 11/07/22 16:55
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.13**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:26	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:50	1
Manganese	**95**		2.5	0.26	ug/L		11/11/22 19:06	11/21/22 13:26	1

Client Sample ID: EWMW-2_11-2022
Lab Sample ID: 550-193514-2
Date Collected: 11/08/22 10:03
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**6.6**		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:29	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:52	1
Manganese	**2800**		25	2.6	ug/L		11/11/22 19:06	11/21/22 13:48	10

Client Sample ID: EWMW-4A_11-2022
Lab Sample ID: 550-193514-3
Date Collected: 11/08/22 10:27
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.026**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:32	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.25**	**J**	1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:54	1
Manganese	**34**		2.5	0.26	ug/L		11/11/22 19:06	11/21/22 13:30	1

Client Sample ID: R-05_11-2022
Lab Sample ID: 550-193514-4
Date Collected: 11/09/22 10:17
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.40**		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:34	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.3**		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:56	1
Manganese	**4300**		25	2.6	ug/L		11/11/22 19:06	11/21/22 13:50	10

Client Sample ID: M-15_11-2022
Lab Sample ID: 550-193514-5
Date Collected: 11/08/22 11:05
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:37	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.2**		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:58	1
Manganese	**7.7**		2.5	0.26	ug/L		11/11/22 19:06	11/21/22 13:34	1

Client Sample ID: M-909_11-2022
Lab Sample ID: 550-193514-6
Date Collected: 11/07/22 16:55
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.11**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:40	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 19:00	1
Manganese	**91**		2.5	0.26	ug/L		11/11/22 19:06	11/21/22 13:36	1

Client Sample ID: BC-6_11-2022
Lab Sample ID: 550-193514-7
Date Collected: 11/09/22 10:50
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.17**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:43	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.9**		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 19:02	1
Manganese	**3800**		25	2.6	ug/L		11/11/22 19:06	11/21/22 13:52	10

Client Sample ID: BC-5_11-2022
Lab Sample ID: 550-193514-8
Date Collected: 11/09/22 12:05
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.8**		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:51	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.1**		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 19:04	1
Manganese	**3000**		25	2.6	ug/L		11/11/22 19:06	11/21/22 13:54	10

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193514-1
Project/Site: NRAP

Method: 6010B - Metals (ICP) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Iron	0.40	0.019	mg/L

Method: 6020B - Metals (ICP/MS) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Arsenic	1.0	0.25	ug/L
Manganese	2.5	0.26	ug/L

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 550-288413/1-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:09	1

Lab Sample ID: LCS 550-288413/2-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288413

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			1.00	0.946		mg/L		95	85 - 112		

Lab Sample ID: LCSD 550-288413/3-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288413

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron			1.00	0.950		mg/L		95	85 - 112	0	20

Lab Sample ID: 550-193514-1 MS
Matrix: Water
Analysis Batch: 288660

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288413

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron	0.13	J	1.00	1.14		mg/L		101	75 - 125		

Lab Sample ID: 550-193514-1 MSD
Matrix: Water
Analysis Batch: 288660

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288413

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.13	J	1.00	1.14		mg/L		101	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 550-288502/1-A
Matrix: Water
Analysis Batch: 288649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:06	11/14/22 18:37	1

Lab Sample ID: MB 550-288502/1-A
Matrix: Water
Analysis Batch: 289173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		2.5	0.26	ug/L		11/11/22 19:06	11/21/22 13:13	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 550-288502/2-A
Matrix: Water
Analysis Batch: 288649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288502

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			100	90.2		ug/L		90	80 - 120		

Lab Sample ID: LCS 550-288502/2-A
Matrix: Water
Analysis Batch: 289173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288502

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese			100	110		ug/L		110	80 - 120		

Lab Sample ID: LCSD 550-288502/3-A
Matrix: Water
Analysis Batch: 288649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			100	89.0		ug/L		89	80 - 120	1	20

Lab Sample ID: LCSD 550-288502/3-A
Matrix: Water
Analysis Batch: 289173

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese			100	109		ug/L		109	80 - 120	2	20

Lab Sample ID: 550-193514-1 MS
Matrix: Water
Analysis Batch: 288649

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	ND		100	94.7		ug/L		95	75 - 125		

Lab Sample ID: 550-193514-1 MS
Matrix: Water
Analysis Batch: 289173

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese	95		100	189		ug/L		94	75 - 125		

Lab Sample ID: 550-193514-1 MSD
Matrix: Water
Analysis Batch: 288649

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		100	91.6		ug/L		92	75 - 125	3	20

Lab Sample ID: 550-193514-1 MSD
Matrix: Water
Analysis Batch: 289173

Client Sample ID: M-09_11-2022
Prep Type: Dissolved
Prep Batch: 288502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	95		100	189		ug/L		94	75 - 125	0	20

Metals

Prep Batch: 288413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-1	M-09_11-2022	Dissolved	Water	3005A	
550-193514-2	EWMW-2_11-2022	Dissolved	Water	3005A	
550-193514-3	EWMW-4A_11-2022	Dissolved	Water	3005A	
550-193514-4	R-05_11-2022	Dissolved	Water	3005A	
550-193514-5	M-15_11-2022	Dissolved	Water	3005A	
550-193514-6	M-909_11-2022	Dissolved	Water	3005A	
550-193514-7	BC-6_11-2022	Dissolved	Water	3005A	
550-193514-8	BC-5_11-2022	Dissolved	Water	3005A	
MB 550-288413/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288413/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288413/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193514-1 MS	M-09_11-2022	Dissolved	Water	3005A	
550-193514-1 MSD	M-09_11-2022	Dissolved	Water	3005A	

Prep Batch: 288502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-1	M-09_11-2022	Dissolved	Water	3005A	
550-193514-2	EWMW-2_11-2022	Dissolved	Water	3005A	
550-193514-3	EWMW-4A_11-2022	Dissolved	Water	3005A	
550-193514-4	R-05_11-2022	Dissolved	Water	3005A	
550-193514-5	M-15_11-2022	Dissolved	Water	3005A	
550-193514-6	M-909_11-2022	Dissolved	Water	3005A	
550-193514-7	BC-6_11-2022	Dissolved	Water	3005A	
550-193514-8	BC-5_11-2022	Dissolved	Water	3005A	
MB 550-288502/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288502/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288502/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193514-1 MS	M-09_11-2022	Dissolved	Water	3005A	
550-193514-1 MSD	M-09_11-2022	Dissolved	Water	3005A	

Analysis Batch: 288649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-1	M-09_11-2022	Dissolved	Water	6020B	288502
550-193514-2	EWMW-2_11-2022	Dissolved	Water	6020B	288502
550-193514-3	EWMW-4A_11-2022	Dissolved	Water	6020B	288502
550-193514-4	R-05_11-2022	Dissolved	Water	6020B	288502
550-193514-5	M-15_11-2022	Dissolved	Water	6020B	288502
550-193514-6	M-909_11-2022	Dissolved	Water	6020B	288502
550-193514-7	BC-6_11-2022	Dissolved	Water	6020B	288502
550-193514-8	BC-5_11-2022	Dissolved	Water	6020B	288502
MB 550-288502/1-A	Method Blank	Total/NA	Water	6020B	288502
LCS 550-288502/2-A	Lab Control Sample	Total/NA	Water	6020B	288502
LCSD 550-288502/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288502
550-193514-1 MS	M-09_11-2022	Dissolved	Water	6020B	288502
550-193514-1 MSD	M-09_11-2022	Dissolved	Water	6020B	288502

Analysis Batch: 288660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-1	M-09_11-2022	Dissolved	Water	6010B	288413
550-193514-2	EWMW-2_11-2022	Dissolved	Water	6010B	288413
550-193514-3	EWMW-4A_11-2022	Dissolved	Water	6010B	288413

Metals (Continued)

Analysis Batch: 288660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-4	R-05_11-2022	Dissolved	Water	6010B	288413
550-193514-5	M-15_11-2022	Dissolved	Water	6010B	288413
550-193514-6	M-909_11-2022	Dissolved	Water	6010B	288413
550-193514-7	BC-6_11-2022	Dissolved	Water	6010B	288413
550-193514-8	BC-5_11-2022	Dissolved	Water	6010B	288413
MB 550-288413/1-A	Method Blank	Total/NA	Water	6010B	288413
LCS 550-288413/2-A	Lab Control Sample	Total/NA	Water	6010B	288413
LCSD 550-288413/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	288413
550-193514-1 MS	M-09_11-2022	Dissolved	Water	6010B	288413
550-193514-1 MSD	M-09_11-2022	Dissolved	Water	6010B	288413

Analysis Batch: 289173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193514-1	M-09_11-2022	Dissolved	Water	6020B	288502
550-193514-2	EWMW-2_11-2022	Dissolved	Water	6020B	288502
550-193514-3	EWMW-4A_11-2022	Dissolved	Water	6020B	288502
550-193514-4	R-05_11-2022	Dissolved	Water	6020B	288502
550-193514-5	M-15_11-2022	Dissolved	Water	6020B	288502
550-193514-6	M-909_11-2022	Dissolved	Water	6020B	288502
550-193514-7	BC-6_11-2022	Dissolved	Water	6020B	288502
550-193514-8	BC-5_11-2022	Dissolved	Water	6020B	288502
MB 550-288502/1-A	Method Blank	Total/NA	Water	6020B	288502
LCS 550-288502/2-A	Lab Control Sample	Total/NA	Water	6020B	288502
LCSD 550-288502/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288502
550-193514-1 MS	M-09_11-2022	Dissolved	Water	6020B	288502
550-193514-1 MSD	M-09_11-2022	Dissolved	Water	6020B	288502

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193514-1

Client Sample ID: M-09_11-2022
Date Collected: 11/07/22 16:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:26
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 18:50
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	289173	ARE	EET PHX	11/21/22 13:26

Client Sample ID: EWMW-2_11-2022
Date Collected: 11/08/22 10:03
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:29
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 18:52
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		10	289173	ARE	EET PHX	11/21/22 13:48

Client Sample ID: EWMW-4A_11-2022
Date Collected: 11/08/22 10:27
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:32
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 18:54
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	289173	ARE	EET PHX	11/21/22 13:30

Client Sample ID: R-05_11-2022
Date Collected: 11/09/22 10:17
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:34
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 18:56
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		10	289173	ARE	EET PHX	11/21/22 13:50

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193514-1

Client Sample ID: M-15_11-2022
Date Collected: 11/08/22 11:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:37
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 18:58
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	289173	ARE	EET PHX	11/21/22 13:34

Client Sample ID: M-909_11-2022
Date Collected: 11/07/22 16:55
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:40
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 19:00
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	289173	ARE	EET PHX	11/21/22 13:36

Client Sample ID: BC-6_11-2022
Date Collected: 11/09/22 10:50
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:43
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 19:02
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		10	289173	ARE	EET PHX	11/21/22 13:52

Client Sample ID: BC-5_11-2022
Date Collected: 11/09/22 12:05
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193514-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:51
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		1	288649	ARE	EET PHX	11/14/22 19:04
Dissolved	Prep	3005A			288502	ABA	EET PHX	11/11/22 19:06
Dissolved	Analysis	6020B		10	289173	ARE	EET PHX	11/21/22 13:54

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193514-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193514-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET PHX
6020B	Metals (ICP/MS)	SW846	EET PHX
3005A	Preparation, Total Metals	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193514-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193514-1	M-09_11-2022	Water	11/07/22 16:55	11/10/22 10:30
550-193514-2	EWMW-2_11-2022	Water	11/08/22 10:03	11/10/22 10:30
550-193514-3	EWMW-4A_11-2022	Water	11/08/22 10:27	11/10/22 10:30
550-193514-4	R-05_11-2022	Water	11/09/22 10:17	11/10/22 10:30
550-193514-5	M-15_11-2022	Water	11/08/22 11:05	11/10/22 10:30
550-193514-6	M-909_11-2022	Water	11/07/22 16:55	11/10/22 10:30
550-193514-7	BC-6_11-2022	Water	11/09/22 10:50	11/10/22 10:30
550-193514-8	BC-5_11-2022	Water	11/09/22 12:05	11/10/22 10:30

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
6020B_ICVL_00040	11/30/22	07/18/22	5%Nitric/5%HCl, Lot NA	500 mL	200.8 CRI_LL_00033	5 mL	Arsenic	1 ug/L
							Manganese	0.5 ug/L
.200.8 CRI_LL_00033	11/30/22	High Purity Standards, Lot 2213133-250			(Purchased Reagent)		Arsenic	100 ug/L
							Manganese	50 ug/L
MI3_ICSA_00092	06/30/23	06/28/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
MI3_ICSAB_00115	12/22/22	06/17/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_B_3*_00010	1 mL	B	1 ug/mL
					MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
					MI3_Ga_1*_00013	1 mL	Ga	1 ug/mL
					MI3_ICV/CCV-B_00018	10 mL	Ag	1 ug/mL
							Arsenic	1 ug/mL
							Ba	1 ug/mL
							Be	1 ug/mL
							Bi	1 ug/mL
							Cd	1 ug/mL
							Co	1 ug/mL
							Cr	1 ug/mL
							Cu	1 ug/mL
							Manganese	1 ug/mL
							Ni	1 ug/mL
							Pb	1 ug/mL
							Se	1 ug/mL
							Sr	1 ug/mL
							Tl	1 ug/mL
							U	1 ug/mL
							V	1 ug/mL
							Zn	1 ug/mL
					MI3_In_1*_00013	1 mL	In	1 ug/mL
					MI3_Li_CPI_00005	1 mL	Li	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MI3_Mo_3*_00004	1 mL	Mo	1 ug/mL
					MI3_P_2*_00014	1 mL	P	10 ug/mL
					MI3_S_3*_00007	1 mL	Sulfur	1 ug/mL
					MI3_Sb_3*_00005	1 mL	Sb	1 ug/mL
					MI3_Sc_1*_00012	1 mL	Sc	1 ug/mL
					MI3_Si_2*_00013	1 mL	Si	10 ug/mL
					MI3_Sn_3*_00004	1 mL	Sn	1 ug/mL
					MI3_Th_2*_00003	1 mL	Th	1 ug/mL
					MI3_Ti_3*_00004	1 mL	Ti	1 ug/mL
					MI3_W_1*_00004	1 mL	W	1 ug/mL
					MI3_Zr_2*_00003	1 mL	Zr	1 ug/mL
.MI3_B_3*_00010	03/17/23	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
.MI3_Ga_1*_00013	06/30/23	CPI International, Lot 1132962-5			(Purchased Reagent)		Ga	1000 ug/mL
.MI3_ICV/CCV-B_00018	06/17/23	Inorganic Ventures, Lot T2-MEB720021			(Purchased Reagent)		Ag	100 ug/mL
							Arsenic	100 ug/mL
							Ba	100 ug/mL
							Be	100 ug/mL
							Bi	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							Manganese	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Se	100 ug/mL
							Sr	100 ug/mL
							Tl	100 ug/mL
							U	100 ug/mL
							V	100 ug/mL
							Zn	100 ug/mL
.MI3_In_1*_00013	03/17/23	CPI, Lot 1122330-8			(Purchased Reagent)		In	1000 ug/mL
.MI3_Li_CPI_00005	08/08/23	CPI, Lot 1084156			(Purchased Reagent)		Li	1000 ug/mL
.MI3_Mo_3*_00004	04/22/23	CPI, Lot 1138256-5			(Purchased Reagent)		Mo	1000 ug/mL
.MI3_P_2*_00014	05/15/23	CPI, Lot 1079898-14			(Purchased Reagent)		P	10000 ug/mL
.MI3_S_3*_00007	11/30/23	CPI, Lot 711593048B			(Purchased Reagent)		Sulfur	1000 ug/mL
.MI3_Sb_3*_00005	11/26/23	CPI, Lot 1129139-4			(Purchased Reagent)		Sb	1000 ug/mL
.MI3_Sc_1*_00012	12/22/22	CPI International, Lot 1086453-15			(Purchased Reagent)		Sc	1000 ug/mL
.MI3_Si_2*_00013	03/13/23	CPI, Lot 1094765-27			(Purchased Reagent)		Si	10000 ug/mL
.MI3_Sn_3*_00004	06/17/23	CPI, Lot 1131598-2			(Purchased Reagent)		Sn	1000 ug/mL
.MI3_Th_2*_00003	05/15/23	CPI, Lot 1114190-9			(Purchased Reagent)		Th	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MI3_Ti_3*_00004	03/17/23	CPI, Lot 1130645-9			(Purchased Reagent)		Ti	1000 ug/mL
.MI3_W_1*_00004	06/17/23	CPI, Lot 1146089-18			(Purchased Reagent)		W	1000 ug/mL
.MI3_Zr_2*_00003	04/22/23	CPI, Lot 1097984-16			(Purchased Reagent)		Zr	1000 ug/mL
MI3_ICV/CCV_00181	03/13/23	08/18/22	5%Nitric/5%HCl, Lot NA	2000 mL	MI3_ICV/CCV-A_00017	20 mL	Iron	10 ug/mL
.MI3_ICV/CCV-A_00017	03/25/23	Inorganic Ventures, Lot T2-MEB716560			(Purchased Reagent)		Iron	1000 ug/mL
MI3_PREP SPK_00179	11/20/22	08/05/22	2% Nitric Acid, Lot NA	250 mL	MI3_Ag_2*_00001	2.5 mL	Ag	10 ug/mL
					MI3_B_3*_00008	2.5 mL	B	10 ug/mL
					MI3_Zn_2*_00002	2.5 mL	Zn	10 ug/mL
					MM-CalStdMix_00053	25 mL	Arsenic	10 ug/mL
							Ba	10 ug/mL
							Be	10 ug/mL
							Cd	10 ug/mL
							Co	10 ug/mL
							Cr	10 ug/mL
							Cu	10 ug/mL
							Li	10 ug/mL
							Manganese	10 ug/mL
							Mo	10 ug/mL
							Ni	10 ug/mL
							Pb	10 ug/mL
							Sb	10 ug/mL
							Se	10 ug/mL
							Si	100 ug/mL
							Sn	10 ug/mL
							Sr	10 ug/mL
							Ti	10 ug/mL
							Tl	10 ug/mL
							V	10 ug/mL
					MM-CalStdMix_00054	2.5 mL	Al	20 ug/mL
							Ca	20 ug/mL
							Iron	20 ug/mL
							K	20 ug/mL
							Mg	20 ug/mL
							Na	20 ug/mL
					MM-CalStdMix_00055	25 mL	P	100 ug/mL
							Sulfur	100 ug/mL
							U	10 ug/mL
							W	10 ug/mL
.MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
.MI3_B_3*_00008	11/20/22	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_Zn_2*_00002	07/21/23	CPI, Lot 711539438-1			(Purchased Reagent)		Zn	1000 ug/mL
.MM-CalStdMix_00053	11/26/23	CPI, Lot 1217102-1			(Purchased Reagent)		Arsenic	100 mg/L
							Ba	100 mg/L
							Be	100 mg/L
							Cd	100 mg/L
							Co	100 mg/L
							Cr	100 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cu	100 mg/L
							Li	100 mg/L
							Manganese	100 mg/L
							Mo	100 mg/L
							Ni	100 mg/L
							Pb	100 mg/L
							Sb	100 mg/L
							Se	100 mg/L
							Si	1000 mg/L
							Sn	100 mg/L
							Sr	100 mg/L
							Ti	100 mg/L
							Tl	100 mg/L
							V	100 mg/L
.MM-CalStdMix_00054	11/26/23		CPI, Lot 1213500-1		(Purchased Reagent)		Al	2000 mg/L
							Ca	2000 mg/L
							Iron	2000 mg/L
							K	2000 mg/L
							Mg	2000 mg/L
							Na	2000 mg/L
.MM-CalStdMix_00055	06/07/23		CPI, Lot 1210300-1		(Purchased Reagent)		P	1000 mg/L
							Sulfur	1000 mg/L
							U	100 mg/L
							W	100 mg/L
MI3_PREP SPK_00196	08/15/23	11/09/22	5%Nitric/5%HCl, Lot NA	1 mL	MI3_SPIKE D_00076	1 mL	Ag	7.5 ug/mL
							Nitric acid	500 ug/mL
					MI3_Spike_B_00009	1 mL	Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2100 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2100 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
					MI3_SpikeA_00008	1 mL	Be	100 ug/mL
							Bi	100 ug/mL
							Ca	2100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Li	100 ug/mL
							Manganese	100 ug/mL
							Mg	2100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
					MI3_SPKC_TEMP_00014	1 mL	Arsenic	100 ug/mL
							Sulfur	100 ug/mL
.MI3_SPIKE D_00076	08/15/23	07/29/22	5% Nitric Acid, Lot NA	500 mL	MI3_Ag_2*_00001	3.75 mL	Ag	7.5 ug/mL
					MP_HNO3_conc._00615	25 mL	Nitric acid	500 ug/mL
..MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
..MP_HNO3_conc._00615	11/01/23	Macron, Lot 185595			(Purchased Reagent)		Nitric acid	1 %
.MI3_Spike_B_00009	11/30/23	CPI, Lot 1274035			(Purchased Reagent)		Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2000 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2000 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
.MI3_SpikeA_00008	11/30/23	CPI, Lot 1269667-1			(Purchased Reagent)		Be	100 ug/mL
							Bi	100 ug/mL
							Ca	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							Li	100 ug/mL
							Manganese	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Mg	100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
.MI3_SPKC_TEMP_00014	11/30/23	09/16/22	5%Nitric/5%HCl, Lot NA	100 mL	MI3_As_2*_00002	10 mL	Arsenic	100 ug/mL
					MI3_S_3*_00007	10 mL	Sulfur	100 ug/mL
..MI3_As_2*_00002	11/30/23	CPI, Lot 711593048A-1			(Purchased Reagent)		Arsenic	1000 ug/mL
..MI3_S_3*_00007	11/30/23	CPI, Lot 711593048B			(Purchased Reagent)		Sulfur	1000 ug/mL
MM-Agt-IC1_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC1_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	150 mL	Arsenic	150 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Manganese	150 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	150 mL	Arsenic	150 ug/L
							Manganese	150 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00051	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00052	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC7 Agt SP_00056	03/17/23	08/12/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MM-CalStdMix_00053	1 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MM-CalStdMix_00053	11/26/23		CPI, Lot 1217102-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-ICSA_00017	07/20/23	08/01/22	2%Nitric/1%HCl, Lot F2-MEB418129	50 mL	MM-ICSA_00015	5 mL	Iron	100000 ug/L
.MM-ICSA_00015	08/08/23		CPI, Lot 1208135-1		(Purchased Reagent)		Iron	1000 mg/L

METALS

COVER PAGE
METALS

Lab Name: Eurofins Phoenix Job Number: 550-193514-1

SDG No.:

Project: NRAP

Client Sample ID	Lab Sample ID
M-09_11-2022	550-193514-1
EWMW-2_11-2022	550-193514-2
EWMW-4A_11-2022	550-193514-3
R-05_11-2022	550-193514-4
M-15_11-2022	550-193514-5
M-909_11-2022	550-193514-6
BC-6_11-2022	550-193514-7
BC-5_11-2022	550-193514-8

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: M-09_11-2022 Lab Sample ID: 550-193514-1

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/07/2022 16:55

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.13	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	ND	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	95	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: EWMW-2_11-2022 Lab Sample ID: 550-193514-2

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/08/2022 10:03

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	6.6	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	ND	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	2800	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: EWMW-4A_11-2022 Lab Sample ID: 550-193514-3

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/08/2022 10:27

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.026	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	0.25	1.0	0.25	ug/L	J		1	6020B
7439-96-5	Manganese	34	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-05_11-2022 Lab Sample ID: 550-193514-4

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/09/2022 10:17

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.40	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	2.3	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	4300	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: M-15_11-2022 Lab Sample ID: 550-193514-5

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/08/2022 11:05

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	ND	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	4.2	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	7.7	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: M-909_11-2022 Lab Sample ID: 550-193514-6

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/07/2022 16:55

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.11	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	ND	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	91	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: BC-6_11-2022 Lab Sample ID: 550-193514-7

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/09/2022 10:50

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.17	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	1.9	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	3800	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: BC-5_11-2022 Lab Sample ID: 550-193514-8

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG ID.:

Matrix: Water Date Sampled: 11/09/2022 12:05

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1.8	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	1.1	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	3000	25	2.6	ug/L			10	6020B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	ICV 550-288660/9 11/14/2022 10:41				CCV 550-288660/13 11/14/2022 18:03				CCV 550-288660/28 11/14/2022 18:46			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	10.0		10.0	100	10.0		10.0	100	9.97		10.0	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	CCV 550-288660/37 11/14/2022 19:11											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	9.99		10.0	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICV 550-288649/8 11/14/2022 13:29				ICV 550-288649/9 11/14/2022 13:31				CCV 550-288649/15 11/14/2022 18:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	102		100	102	100		100	100	98.0		100	98
Manganese	102		100	102	101		100	101	95.4		100	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	CCV 550-288649/31 11/14/2022 19:06											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	95.9		100	96								
Manganese	94.3		100	94								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICVL 550-288649/14 11/14/2022 13:48				CCV 550-288649/15 11/14/2022 18:33				CCV 550-288649/31 11/14/2022 19:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.925	J	1.00	93	98.0		100	98	95.9		100	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICV 550-289173/8 11/21/2022 12:45				CCV 550-289173/28 11/21/2022 13:42				CCV 550-289173/34 11/21/2022 13:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	99.1		100	99	103		100	103	103		100	103
Arsenic	97.1		100	97	100		100	100	102		100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICVL 550-289173/12 11/21/2022 13:06				CCV 550-289173/28 11/21/2022 13:42				CCV 550-289173/34 11/21/2022 13:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	0.523	J	0.500	105	103		100	103	103		100	103
Arsenic	1.01		1.00	101	100		100	100	102		100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 550-288660/1 11/14/2022 10:18		ICB 550-288660/10 11/14/2022 10:59		CCB 550-288660/14 11/14/2022 18:06		CCB 550-288660/29 11/14/2022 18:49	
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 550-288660/38 11/14/2022 19:14							
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND							

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-288649/11 11/14/2022 13:35		CCB 550-288649/16 11/14/2022 18:35		CCB 550-288649/32 11/14/2022 19:08			
		Found	C	Found	C	Found	C	Found	C
Arsenic	1.0	ND		ND		ND			
Manganese	2.5	ND		ND		0.290	J		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-289173/10 11/21/2022 12:57		CCB 550-289173/29 11/21/2022 13:44		CCB 550-289173/35 11/21/2022 13:58			
		Found	C	Found	C	Found	C	Found	C
Manganese	2.5	ND		0.307	J	ND			
Arsenic	1.0	ND		ND		ND			

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 550-288413/1-A

Instrument Code: ICP04 Batch No.: 288660

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	ND			6010B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288502/1-A

Instrument Code: ICPMS03 Batch No.: 288649

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288502/1-A

Instrument Code: ICPMS03 Batch No.: 289173

CAS No.	Analyte	Concentration	C	Q	Method
7439-96-5	Manganese	ND			6020B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Lab Sample ID: ICSA 550-288660/11 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**100**	**99.8**	**100**
Aluminum	*100*	*99.5*	*99*
Antimony		*-0.0031*	
Arsenic		*-0.0018*	
Barium		*-0.0004*	
Beryllium		*-0.0003*	
Bismuth		*-0.0064*	
Boron		*-0.0020*	
Cadmium		*-0.0011*	
Calcium	*100*	*99.2*	*99*
Chromium		*-0.0021*	
Cobalt		*0.0007*	
Copper		*-0.0019*	
Fe2O3	*143*	*143*	*100*
Gallium		*-0.0142*	
Indium		*-0.0062*	
Lead		*-0.0073*	
Lithium		*0.0043*	
Magnesium	*100*	*100*	*100*
Manganese		*-0.0002*	
Molybdenum		*-0.0054*	
Nickel		*-0.0009*	
Phosphorus		*-0.0200*	
Potassium	*100*	*104*	*104*
Scandium		*0.0000*	
Selenium		*0.0062*	
Silicon		*-0.0014*	
Silver		*-0.0022*	
Sodium	*100*	*99.8*	*100*
Strontium		*0.0100*	
Sulfur		*-0.102*	
Th		*0.0148*	
Thallium		*0.0056*	
Tin		*-0.0021*	
Titanium		*-0.0008*	
U		*-0.0044*	
Vanadium		*0.0019*	
W		*-0.0030*	
Zinc		*-0.0035*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Lab Sample ID: ICSA 550-288660/11 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Zr		*-0.0001*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Lab Sample ID: ICSAB 550-288660/12 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Iron	**100**	**96.2**	**96**
Aluminum	*100*	*95.5*	*95*
Antimony	*1.00*	*0.999*	*100*
Arsenic	*1.00*	*0.989*	*99*
Barium	*1.00*	*0.982*	*98*
Beryllium	*1.00*	*0.992*	*99*
Bismuth	*1.00*	*0.945*	*94*
Boron	*1.00*	*1.03*	*103*
Cadmium	*1.00*	*0.979*	*98*
Calcium	*100*	*95.2*	*95*
Chromium	*1.00*	*0.952*	*95*
Cobalt	*1.00*	*0.960*	*96*
Copper	*1.00*	*1.02*	*102*
Fe2O3	*143*	*138*	*96*
Gallium	*1.00*	*0.979*	*98*
Indium	*1.00*	*0.977*	*98*
Lead	*1.00*	*0.955*	*95*
Lithium	*1.00*	*1.13*	*113*
Magnesium	*100*	*95.9*	*96*
Manganese	*1.00*	*0.974*	*97*
Molybdenum	*1.00*	*0.996*	*100*
Nickel	*1.00*	*0.969*	*97*
Phosphorus	*10.0*	*10.0*	*100*
Potassium	*100*	*100*	*100*
Scandium	*1.00*	*1.03*	*103*
Selenium	*1.00*	*1.04*	*104*
Silicon	*10.0*	*10.0*	*100*
Silver	*1.00*	*0.974*	*97*
Sodium	*100*	*96.2*	*96*
Strontium	*1.00*	*0.908*	*91*
Sulfur	*1.00*	*0.902*	*90*
Th	*1.00*	*1.00*	*100*
Thallium	*1.00*	*0.972*	*97*
Tin	*1.00*	*0.974*	*97*
Titanium	*1.00*	*1.01*	*101*
U	*1.00*	*0.955*	*96*
Vanadium	*1.00*	*0.985*	*99*
W	*1.00*	*0.943*	*94*
Zinc	*1.00*	*0.945*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Lab Sample ID: ICSAB 550-288660/12 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Zr	*1.00*	*0.975*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Lab Sample ID: ICSA 550-289173/13 Instrument ID: ICPMS03

Lab File ID: 016ICSA.d ICS Source: MM-ICSA_00017

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Manganese		**0.433**	
Antimony		*0.111*	
Arsenic		*0.184*	
Barium		*3.90*	
Beryllium		*-0.0430*	
Cadmium		*0.124*	
Chromium		*0.911*	
Cobalt		*0.348*	
Copper		*0.788*	
Iron	*100000*	*116339*	*116*
Lead		*0.244*	
Li		*0.845*	
Nickel		*1.19*	
Selenium		*-0.0570*	
Silver		*0.107*	
Thallium		*0.0010*	
Uranium		*0.0150*	
Vanadium		*0.684*	
Zinc		*1.10*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 MS
Lab ID: 550-193514-1 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1.14		0.13	J	1.00	101	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 MS
Lab ID: 550-193514-1 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	94.7		ND		100	95	75-125		6020B
Manganese	189		95		100	94	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 MSD
Lab ID: 550-193514-1 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	1.14		1.00	101	75-125	0	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 MSD
Lab ID: 550-193514-1 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	91.6		100	92	75-125	3	20		6020B
Manganese	189		100	94	75-125	0	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 PDS
Lab ID: 550-193514-1 PDS
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	2.04		0.13	J	1.00	191	75-125	W	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: M-09_11-2022 PDS
Lab ID: 550-193514-1 PDS
Lab Name: Eurofins Phoenix
Job No.: 550-193514-1
SDG No.:
Matrix: Water
Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	92.8		ND		100	93	75-125		6020B
Manganese	2180		95		100	2085	75-125	E W	6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288413/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1.00	0.946		95	85	112		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288413/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	0.950		1.00	95	85-112	0	20		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288502/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	100	90.2		90	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288502/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	89.0		100	89	80-120	1	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288502/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Manganese	100	110		110	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288502/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Manganese	109		100	109	80-120	2	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193514-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B MDL Date: 10/14/2020 16:41

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Iron		0.4	0.0189768

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193514-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B XMDL Date: 10/14/2020 16:44

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Iron		0.4	0.0189768

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193514-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B MDL Date: 08/12/2015 13:37

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193514-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B XMDL Date: 10/27/2022 16:27

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193514-1

SDG No.:

Instrument ID: ICP04 Date: 09/29/2020 12:30

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Iron		500	6010B

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193514-1

SDG No.:

Instrument ID: ICPMS03 Date: 10/30/2015 13:39

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		900	6020B
Manganese		900	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288413/1-A	11/10/2022 19:55	288413		50	50
LCS 550-288413/2-A	11/10/2022 19:55	288413		50	50
LCSD 550-288413/3-A	11/10/2022 19:55	288413		50	50
550-193514-1 MS	11/10/2022 19:55	288413		50	50
550-193514-1 MSD	11/10/2022 19:55	288413		50	50
550-193514-1	11/10/2022 19:55	288413		50	50
550-193514-2	11/10/2022 19:55	288413		50	50
550-193514-3	11/10/2022 19:55	288413		50	50
550-193514-4	11/10/2022 19:55	288413		50	50
550-193514-5	11/10/2022 19:55	288413		50	50
550-193514-6	11/10/2022 19:55	288413		50	50
550-193514-7	11/10/2022 19:55	288413		50	50
550-193514-8	11/10/2022 19:55	288413		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288502/1-A	11/11/2022 19:06	288502		50	50
LCS 550-288502/2-A	11/11/2022 19:06	288502		50	50
LCSD 550-288502/3-A	11/11/2022 19:06	288502		50	50
550-193514-1 MS	11/11/2022 19:06	288502		50	50
550-193514-1 MSD	11/11/2022 19:06	288502		50	50
550-193514-1	11/11/2022 19:06	288502		50	50
550-193514-2	11/11/2022 19:06	288502		50	50
550-193514-3	11/11/2022 19:06	288502		50	50
550-193514-4	11/11/2022 19:06	288502		50	50
550-193514-5	11/11/2022 19:06	288502		50	50
550-193514-6	11/11/2022 19:06	288502		50	50
550-193514-7	11/11/2022 19:06	288502		50	50
550-193514-8	11/11/2022 19:06	288502		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Instrument ID: ICP04 Analysis Method: 6010B

Start Date: 11/14/2022 10:18 End Date: 11/14/2022 19:14

Lab Sample Id	D/F	Type	Time	Analytes																								
				Fe																								
ICBIS 550-288660/1	1		10:18	X																								
IC 550-288660/2			10:21	X																								
IC 550-288660/3			10:24	X																								
IC 550-288660/4			10:26	X																								
IC 550-288660/5			10:29	X																								
IC 550-288660/6			10:32	X																								
IC 550-288660/7			10:35	X																								
IC 550-288660/8			10:38	X																								
ICV 550-288660/9	1		10:41	X																								
ICB 550-288660/10	1		10:59	X																								
ICSA 550-288660/11	1		11:04	X																								
ICSAB 550-288660/12	1		11:14	X																								
CCV 550-288660/13	1		18:03	X																								
CCB 550-288660/14	1		18:06	X																								
MB 550-288413/1-A	1	T	18:09	X																								
LCS 550-288413/2-A	1	T	18:12	X																								
LCSD 550-288413/3-A	1	T	18:15	X																								
550-193514-1 MS	1	D	18:17	X																								
550-193514-1 MSD	1	D	18:20	X																								
550-193514-1 PDS	1	D	18:23	X																								
550-193514-1	1	D	18:26	X																								
550-193514-2	1	D	18:29	X																								
550-193514-3	1	D	18:32	X																								
550-193514-4	1	D	18:34	X																								
550-193514-5	1	D	18:37	X																								
550-193514-6	1	D	18:40	X																								
550-193514-7	1	D	18:43	X																								
CCV 550-288660/28	1		18:46	X																								
CCB 550-288660/29	1		18:49	X																								
550-193514-8	1	D	18:51	X																								
ZZZZZZ			18:54																									
ZZZZZZ			18:57																									
ZZZZZZ			19:00																									
ZZZZZZ			19:03																									
ZZZZZZ			19:05																									
ZZZZZZ			19:08																									
CCV 550-288660/37	1		19:11	X																								
CCB 550-288660/38	1		19:14	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/14/2022 13:14 End Date: 11/14/2022 19:08

Lab Sample Id	D/F	Type	Time	Analytes
				As
ICB 550-288649/1			13:14	
IC 550-288649/2	1		13:16	X
IC 550-288649/3	1		13:18	X
IC 550-288649/4	1		13:20	X
IC 550-288649/5	1		13:22	X
IC 550-288649/6	1		13:25	X
IC 550-288649/7	1		13:27	X
ICV 550-288649/8	1		13:29	X
ICV 550-288649/9	1		13:31	X
ICB 550-288649/10			13:33	
ICB 550-288649/11	1		13:35	X
ICVL 550-288649/12			13:37	
ICSA 550-288649/13	1		13:39	X
ICVL 550-288649/14	1		13:48	X
CCV 550-288649/15	1		18:33	X
CCB 550-288649/16	1		18:35	X
MB 550-288502/1-A	1	T	18:37	X
LCS 550-288502/2-A	1	T	18:39	X
LCSD 550-288502/3-A	1	T	18:41	X
550-193514-1 MS	1	D	18:43	X
550-193514-1 MSD	1	D	18:45	X
550-193514-1 PDS	1	D	18:47	X
550-193514-1	1	D	18:50	X
550-193514-2	1	D	18:52	X
550-193514-3	1	D	18:54	X
550-193514-4	1	D	18:56	X
550-193514-5	1	D	18:58	X
550-193514-6	1	D	19:00	X
550-193514-7	1	D	19:02	X
550-193514-8	1	D	19:04	X
CCV 550-288649/31	1		19:06	X
CCB 550-288649/32	1		19:08	X

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/21/2022 12:30 End Date: 11/21/2022 13:58

Lab Sample Id	D/F	Type	Time	Analytes
				Mn
ICB 550-289173/1			12:30	
IC 550-289173/2	1		12:32	X
IC 550-289173/3	1		12:34	X
IC 550-289173/4	1		12:36	X
IC 550-289173/5	1		12:39	X
IC 550-289173/6	1		12:41	X
IC 550-289173/7	1		12:43	X
ICV 550-289173/8	1		12:45	X
ICB 550-289173/9			12:55	
ICB 550-289173/10	1		12:57	X
ICVL 550-289173/11			12:59	
ICVL 550-289173/12	1		13:06	X
ICSA 550-289173/13	1		13:08	X
MB 550-288502/1-A	1	T	13:13	X
LCS 550-288502/2-A	1	T	13:15	X
LCSD 550-288502/3-A	1	T	13:18	X
550-193514-1 MS	1	D	13:20	X
550-193514-1 MSD	1	D	13:22	X
550-193514-1 PDS	1	D	13:24	X
550-193514-1	1	D	13:26	X
ZZZZZZ			13:28	
550-193514-3	1	D	13:30	X
ZZZZZZ			13:32	
550-193514-5	1	D	13:34	X
550-193514-6	1	D	13:36	X
ZZZZZZ			13:38	
ZZZZZZ			13:40	
CCV 550-289173/28	1		13:42	X
CCB 550-289173/29	1		13:44	X
550-193514-2	10	D	13:48	X
550-193514-4	10	D	13:50	X
550-193514-7	10	D	13:52	X
550-193514-8	10	D	13:54	X
CCV 550-289173/34	1		13:56	X
CCB 550-289173/35	1		13:58	X

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 288660

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Y 360.074	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICBIS 550-288660/1	10:18										
ICV 550-288660/9	10:41	99									
ICB 550-288660/10	10:59										
ICSA 550-288660/11	11:04	93									
ICSAB 550-288660/12	11:14	93									
CCV 550-288660/13	18:03	100									
CCB 550-288660/14	18:06	102									
MB 550-288413/1-A	18:09	103									
LCS 550-288413/2-A	18:12	101									
LCSD 550-288413/3-A	18:15	101									
550-193514-1 MS	18:17	100									
550-193514-1 MSD	18:20	100									
550-193514-1 PDS	18:23	101									
550-193514-1	18:26	101									
550-193514-2	18:29	97									
550-193514-3	18:32	98									
550-193514-4	18:34	96									
550-193514-5	18:37	100									
550-193514-6	18:40	100									
550-193514-7	18:43	97									
CCV 550-288660/28	18:46	101									
CCB 550-288660/29	18:49	104									
550-193514-8	18:51	99									
CCV 550-288660/37	19:11	102									
CCB 550-288660/38	19:14	104									

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 288660

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Wavelength	Internal Standard Used:				
		Element Y 360.074	Element Y 360.074	Element	Element	Element
Iron	259.940	X				
Aluminum	308.215	X				
Antimony	206.834	X				
Arsenic	193.696	X				
Barium	455.403	X				
Beryllium	313.042	X				
Bismuth	223.061	X				
Boron	249.678	X				
Cadmium	228.802	X				
Calcium	317.933	X				
Chromium	267.716	X				
Cobalt	228.615	X				
Copper	324.754	X				
Fe2O3						
Gallium	294.363	X				
Indium	230.606	X				
Lead	220.353	X				
Lithium	670.783	X				
Magnesium	279.800	X				
Manganese	257.610	X				
Molybdenum	202.032	X				
Nickel	231.604	X				
Phosphorus	213.618	X				
Potassium	766.491	X				
Scandium	335.372	X				
Selenium	196.026	X				
Silicon	288.158	X				
Silver	328.068	X				
Sodium	589.592	X				
Strontium	407.771	X				
Sulfur	181.972	X				
Th	288.505	X				
Thallium	190.794	X				
Tin	189.925	X				
Titanium	334.941	X				
U	409.013	X				
Vanadium	292.401	X				
W	207.912	X				
Zinc	206.200	X				
Zr	343.823	X				
Internal Standard Name on Instrument		Y	Y			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 288649

ICP-MS Instrument ID: ICPMS03 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-288649/2	13:16	102		104		101		101			
IC 550-288649/3	13:18	99		100		100		101			
IC 550-288649/4	13:20	99		99		100		99			
IC 550-288649/5	13:22	100		100		101		101			
IC 550-288649/6	13:25	97		100		100		100			
IC 550-288649/7	13:27	97		100		102		102			
ICV 550-288649/8	13:29	99		100		104		101			
ICV 550-288649/9	13:31	99		102		103		106			
ICB 550-288649/11	13:35	102		102		102		106			
ICSA 550-288649/13	13:39	93		96		95		101			
ICVL 550-288649/14	13:48	100		103		105		107			
CCV 550-288649/15	18:33	88		98		115					
CCB 550-288649/16	18:35	84		95		111					
MB 550-288502/1-A	18:37	87		95		114					
LCS 550-288502/2-A	18:39	88		98		116					
LCSD 550-288502/3-A	18:41	89		97		117					
550-193514-1 MS	18:43	85		95		111					
550-193514-1 MSD	18:45	85		96		110					
550-193514-1 PDS	18:47	83		91		106					
550-193514-1	18:50	84		93		108					
550-193514-2	18:52	78		90		104					
550-193514-3	18:54	80		89		105					
550-193514-4	18:56	77		85		99		119			
550-193514-5	18:58	79		88		102		119			
550-193514-6	19:00	78		86		103					
550-193514-7	19:02	75		83		99		118			
550-193514-8	19:04	76		85		99		118			
CCV 550-288649/31	19:06	79		89		107					
CCB 550-288649/32	19:08	77		88		103					

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 288649

ICP-MS Instrument ID: ICPMS03 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Copper	63				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 289173

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/21/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-289173/2	12:32	99		99		98		99			
IC 550-289173/3	12:34	100		101		97		100			
IC 550-289173/4	12:36	98		96		98		100			
IC 550-289173/5	12:39	99		99		99		102			
IC 550-289173/6	12:41	99		99		99		102			
IC 550-289173/7	12:43	97		98		98		100			
ICV 550-289173/8	12:45	101		101		98		102			
ICB 550-289173/10	12:57	104		102		102		98			
ICVL 550-289173/12	13:06	100		101		98		98			
ICSA 550-289173/13	13:08	91		89		86		93			
MB 550-288502/1-A	13:13	94		92		94		95			
LCS 550-288502/2-A	13:15	98		97		97		100			
LCSD 550-288502/3-A	13:18	97		97		99		102			
550-193514-1 MS	13:20	96		99		96		100			
550-193514-1 MSD	13:22	98		99		97		100			
550-193514-1 PDS	13:24	92		93		91		95			
550-193514-1	13:26	100		100		101		103			
550-193514-2	13:28	93		98		91		96			
550-193514-3	13:30	95		95		93		97			
550-193514-4	13:32	88		91		87		92			
550-193514-5	13:34	97		95		95		100			
550-193514-6	13:36	97		98		95		99			
550-193514-7	13:38	92		93		92		97			
550-193514-8	13:40	97		95		94		99			
CCV 550-289173/28	13:42	100		101		100		101			
CCB 550-289173/29	13:44	100		100		101		102			
550-193514-2	13:48	97		99		96		100			
550-193514-4	13:50	99		98		99		102			
550-193514-7	13:52	99		100		99		101			
550-193514-8	13:54	98		99		97		100			
CCV 550-289173/34	13:56	101		98		100		105			
CCB 550-289173/35	13:58	97		100		96		100			

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.: Analysis Batch No.: 289173

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/21/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Copper	63				X	
Iron	56				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Batch Number: 288413 Batch Start Date: 11/10/22 19:54 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/11/22 19:54

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00196		
MB 550-288413/1		3005A, 6010B			50 mL	50 mL			
LCS 550-288413/2		3005A, 6010B			50 mL	50 mL	500 uL		
LCSD 550-288413/3		3005A, 6010B			50 mL	50 mL	500 uL		
550-193514-A-1 MS	M-09_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193514-A-1 MSD	M-09_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193514-A-1 PDS	M-09_11-2022	3005A, 6010B	D		25 mL	50 mL	250 uL		
550-193514-A-1	M-09_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-2	EWMW-2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-3	EWMW-4A_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-4	R-05_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-5	M-15_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-6	M-909_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-7	BC-6_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193514-A-8	BC-5_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	267678
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2677844
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/10/2022 19:54
Digestion End Time	11/11/2022 19:54

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Batch Number: 288413 Batch Start Date: 11/10/22 19:54 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/11/22 19:54

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Batch Number: 288502 Batch Start Date: 11/11/22 19:05 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/12/22 13:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00179		
MB 550-288502/1		3005A, 6020B			50 mL	50 mL			
LCS 550-288502/2		3005A, 6020B			50 mL	50 mL	500 uL		
LCSD 550-288502/3		3005A, 6020B			50 mL	50 mL	500 uL		
550-193514-B-1 MS	M-09_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193514-B-1 MSD	M-09_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193514-B-1 PDS	M-09_11-2022	3005A, 6020B	D		25 mL	25 mL	250 uL		
550-193514-B-1	M-09_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-2	EWMW-2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-3	EWMW-4A_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-4	R-05_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-5	M-15_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-6	M-909_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-7	BC-6_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193514-A-8	BC-5_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	2681183
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2678428
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/11/2022 19:05
Digestion End Time	11/12/2022 13:05

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193514-1

SDG No.:

Batch Number: 288502 Batch Start Date: 11/11/22 19:05 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/12/22 13:05

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Chain of Custody Record

571694 eurofins | Environment Testing TestAmerica

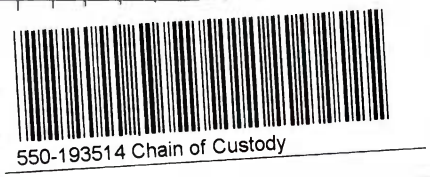
193514

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: A. McGLOWN	Site Contact: TR	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: TR. SESTER	Carrier: FEDEX	___ of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Dissolved Metals → As/Mn/Fe	Sample Specific Notes:
M-09_11-2022	11/07	16:55	G	W	2	Y	Y	X	-1
EWMW-2_11-2022	11/08	10:03	G	W	1	Y	N	X	-2
EWMW-4A_11-2022	11/08	10:27	G	W	1	Y	N	X	-3
TR-05_11-2022	11/09	10:17							-4
M-15_11-2022	11/08	11:05							-5
M-909_11-2022	11/07	16:55							-6
BC-6_11-2022	11/09	10:50							-7
BC-5_11-2022	11/09	12:05	↓	↓	↓	↓	↓	↓	-8



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/9/22 15:04			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: EETA-PHX	Date/Time: 11-10-22 10:30

17.2°C-FE-ice

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193514-1

Login Number: 193514
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

Generated 11/28/2022 3:04 PM

JOB DESCRIPTION

NRAP

JOB NUMBER

550-193516-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

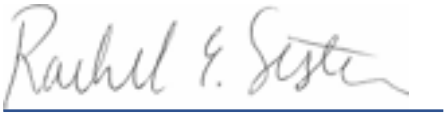
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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11/28/2022 3:04 PM

Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 550-193516-1
Project/Site: NRAP

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193516-1

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 16.9º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: DM-1_D1_11-2022 (550-193516-1), DM-2_D2_11-2022 (550-193516-2), R-29A_D1_11-2022 (550-193516-3), R-29A_D1_11-2022 (550-193516-3[MS]), R-29A_D1_11-2022 (550-193516-3[MSD]), R-04_S2_11-2022 (550-193516-4), R-04_I2_11-2022 (550-193516-5), R-925_11-2022 (550-193516-6), R-25_11-2022 (550-193516-7) and R-929A_D1_11-2022 (550-193516-8). There was no cooling media present in the cooler. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis

Metals
Method 6020B: The following samples were diluted to bring the concentration of Manganese within the calibration range: R-04_S2_11-2022 (550-193516-4), R-925_11-2022 (550-193516-6) and R-25_11-2022 (550-193516-7). Elevated reporting limits (RLs) are provided.

Method 6020B: The method blank for preparation batch 550-288503 and analytical batch 550-289237 contained Manganese above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193516-1

Client Sample ID: DM-1_D1_11-2022 — Lab Sample ID: 550-193516-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.037	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	1.3		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	9.5		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: DM-2_D2_11-2022 — Lab Sample ID: 550-193516-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	19		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-29A_D1_11-2022 — Lab Sample ID: 550-193516-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	1.3		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	0.36	J	1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	48		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-04_S2_11-2022 — Lab Sample ID: 550-193516-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.046	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	0.91	J	1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	1200		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: R-04_I2_11-2022 — Lab Sample ID: 550-193516-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.19	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	1.8		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	5.8		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-925_11-2022 — Lab Sample ID: 550-193516-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	2.6		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	12		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	1700		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: R-25_11-2022 — Lab Sample ID: 550-193516-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	2.3		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	12		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	1600		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: R-929A_D1_11-2022 — Lab Sample ID: 550-193516-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.10	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	0.27	J	1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	48		2.5	0.26	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: DM-1_D1_11-2022
Lab Sample ID: 550-193516-1
Date Collected: 11/02/22 10:49
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.037**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:54	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.3**		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:25	1
Manganese	**9.5**		2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:35	1

Client Sample ID: DM-2_D2_11-2022
Lab Sample ID: 550-193516-2
Date Collected: 11/02/22 11:21
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:57	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:27	1
Manganese	**19**		2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:37	1

Client Sample ID: R-29A_D1_11-2022
Lab Sample ID: 550-193516-3
Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.3**		0.40	0.019	mg/L		11/11/22 13:14	11/14/22 20:16	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.36**	**J**	1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:23	1
Manganese	**48**		2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:33	1

Client Sample ID: R-04_S2_11-2022
Lab Sample ID: 550-193516-4
Date Collected: 11/02/22 13:50
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.046**	**J**	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 19:00	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.91**	**J**	1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:29	1
Manganese	**1200**		25	2.6	ug/L		11/11/22 19:09	11/22/22 08:39	10

Client Sample ID: R-04_I2_11-2022
Lab Sample ID: 550-193516-5
Date Collected: 11/02/22 14:15
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.19	J	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 19:03	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:31	1
Manganese	5.8		2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:41	1

Client Sample ID: R-925_11-2022
Lab Sample ID: 550-193516-6
Date Collected: 11/03/22 13:57
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.6		0.40	0.019	mg/L		11/11/22 13:14	11/14/22 20:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:34	1
Manganese	1700		25	2.6	ug/L		11/11/22 19:09	11/22/22 08:43	10

Client Sample ID: R-25_11-2022
Lab Sample ID: 550-193516-7
Date Collected: 11/03/22 13:57
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.3		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 19:05	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:36	1
Manganese	1600		25	2.6	ug/L		11/11/22 19:09	11/22/22 08:45	10

Client Sample ID: R-929A_D1_11-2022
Lab Sample ID: 550-193516-8
Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.10	J	0.40	0.019	mg/L		11/10/22 19:55	11/14/22 19:08	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.27	J	1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:38	1
Manganese	48		2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:47	1

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193516-1
Project/Site: NRAP

Method: 6010B - Metals (ICP) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Iron	0.40	0.019	mg/L

Method: 6020B - Metals (ICP/MS) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Arsenic	1.0	0.25	ug/L
Manganese	2.5	0.26	ug/L

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 550-288413/1-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 19:55	11/14/22 18:09	1

Lab Sample ID: LCS 550-288413/2-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.946		mg/L		95	85 - 112

Lab Sample ID: LCSD 550-288413/3-A
Matrix: Water
Analysis Batch: 288660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288413

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	1.00	0.950		mg/L		95	85 - 112	0	20

Lab Sample ID: MB 550-288466/1-A
Matrix: Water
Analysis Batch: 288653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/11/22 13:14	11/14/22 19:59	1

Lab Sample ID: LCS 550-288466/2-A
Matrix: Water
Analysis Batch: 288653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.983		mg/L		98	85 - 112

Lab Sample ID: LCSD 550-288466/3-A
Matrix: Water
Analysis Batch: 288653

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	1.00	0.994		mg/L		99	85 - 112	1	20

Lab Sample ID: 550-193516-3 MS
Matrix: Water
Analysis Batch: 288653

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.3		1.00	2.16		mg/L		91	75 - 125

Lab Sample ID: 550-193516-3 MSD
Matrix: Water
Analysis Batch: 288653

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	1.3		1.00	2.17		mg/L		92	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 550-288503/1-A
Matrix: Water
Analysis Batch: 288650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/11/22 19:09	11/14/22 19:10	1

Lab Sample ID: MB 550-288503/1-A
Matrix: Water
Analysis Batch: 289237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.313	J	2.5	0.26	ug/L		11/11/22 19:09	11/22/22 08:20	1

Lab Sample ID: LCS 550-288503/2-A
Matrix: Water
Analysis Batch: 288650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	90.5		ug/L		90	80 - 120

Lab Sample ID: LCS 550-288503/2-A
Matrix: Water
Analysis Batch: 289237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	100	108		ug/L		108	80 - 120

Lab Sample ID: LCSD 550-288503/3-A
Matrix: Water
Analysis Batch: 288650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	100	91.1		ug/L		91	80 - 120	1	20

Lab Sample ID: LCSD 550-288503/3-A
Matrix: Water
Analysis Batch: 289237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	100	108		ug/L		108	80 - 120	1	20

Lab Sample ID: 550-193516-3 MS
Matrix: Water
Analysis Batch: 288650

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.36	J	100	94.0		ug/L		94	75 - 125

Lab Sample ID: 550-193516-3 MS
Matrix: Water
Analysis Batch: 289237

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	48		100	151		ug/L		103	75 - 125

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 550-193516-3 MSD
Matrix: Water
Analysis Batch: 288650

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.36	J	100	96.1		ug/L		96	75 - 125	2	20

Lab Sample ID: 550-193516-3 MSD
Matrix: Water
Analysis Batch: 289237

Client Sample ID: R-29A_D1_11-2022
Prep Type: Dissolved
Prep Batch: 288503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	48		100	153		ug/L		105	75 - 125	1	20

Metals

Prep Batch: 288413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-1	DM-1_D1_11-2022	Dissolved	Water	3005A	
550-193516-2	DM-2_D2_11-2022	Dissolved	Water	3005A	
550-193516-4	R-04_S2_11-2022	Dissolved	Water	3005A	
550-193516-5	R-04_I2_11-2022	Dissolved	Water	3005A	
550-193516-7	R-25_11-2022	Dissolved	Water	3005A	
550-193516-8	R-929A_D1_11-2022	Dissolved	Water	3005A	
MB 550-288413/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288413/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288413/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	

Prep Batch: 288466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-3	R-29A_D1_11-2022	Dissolved	Water	3005A	
550-193516-6	R-925_11-2022	Dissolved	Water	3005A	
MB 550-288466/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288466/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288466/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193516-3 MS	R-29A_D1_11-2022	Dissolved	Water	3005A	
550-193516-3 MSD	R-29A_D1_11-2022	Dissolved	Water	3005A	

Prep Batch: 288503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-1	DM-1_D1_11-2022	Dissolved	Water	3005A	
550-193516-2	DM-2_D2_11-2022	Dissolved	Water	3005A	
550-193516-3	R-29A_D1_11-2022	Dissolved	Water	3005A	
550-193516-4	R-04_S2_11-2022	Dissolved	Water	3005A	
550-193516-5	R-04_I2_11-2022	Dissolved	Water	3005A	
550-193516-6	R-925_11-2022	Dissolved	Water	3005A	
550-193516-7	R-25_11-2022	Dissolved	Water	3005A	
550-193516-8	R-929A_D1_11-2022	Dissolved	Water	3005A	
MB 550-288503/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288503/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288503/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193516-3 MS	R-29A_D1_11-2022	Dissolved	Water	3005A	
550-193516-3 MSD	R-29A_D1_11-2022	Dissolved	Water	3005A	

Analysis Batch: 288650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-1	DM-1_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-2	DM-2_D2_11-2022	Dissolved	Water	6020B	288503
550-193516-3	R-29A_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-4	R-04_S2_11-2022	Dissolved	Water	6020B	288503
550-193516-5	R-04_I2_11-2022	Dissolved	Water	6020B	288503
550-193516-6	R-925_11-2022	Dissolved	Water	6020B	288503
550-193516-7	R-25_11-2022	Dissolved	Water	6020B	288503
550-193516-8	R-929A_D1_11-2022	Dissolved	Water	6020B	288503
MB 550-288503/1-A	Method Blank	Total/NA	Water	6020B	288503
LCS 550-288503/2-A	Lab Control Sample	Total/NA	Water	6020B	288503
LCSD 550-288503/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288503
550-193516-3 MS	R-29A_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-3 MSD	R-29A_D1_11-2022	Dissolved	Water	6020B	288503

Metals

Analysis Batch: 288653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-3	R-29A_D1_11-2022	Dissolved	Water	6010B	288466
550-193516-6	R-925_11-2022	Dissolved	Water	6010B	288466
MB 550-288466/1-A	Method Blank	Total/NA	Water	6010B	288466
LCS 550-288466/2-A	Lab Control Sample	Total/NA	Water	6010B	288466
LCSD 550-288466/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	288466
550-193516-3 MS	R-29A_D1_11-2022	Dissolved	Water	6010B	288466
550-193516-3 MSD	R-29A_D1_11-2022	Dissolved	Water	6010B	288466

Analysis Batch: 288660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-1	DM-1_D1_11-2022	Dissolved	Water	6010B	288413
550-193516-2	DM-2_D2_11-2022	Dissolved	Water	6010B	288413
550-193516-4	R-04_S2_11-2022	Dissolved	Water	6010B	288413
550-193516-5	R-04_I2_11-2022	Dissolved	Water	6010B	288413
550-193516-7	R-25_11-2022	Dissolved	Water	6010B	288413
550-193516-8	R-929A_D1_11-2022	Dissolved	Water	6010B	288413
MB 550-288413/1-A	Method Blank	Total/NA	Water	6010B	288413
LCS 550-288413/2-A	Lab Control Sample	Total/NA	Water	6010B	288413
LCSD 550-288413/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	288413

Analysis Batch: 289237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193516-1	DM-1_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-2	DM-2_D2_11-2022	Dissolved	Water	6020B	288503
550-193516-3	R-29A_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-4	R-04_S2_11-2022	Dissolved	Water	6020B	288503
550-193516-5	R-04_I2_11-2022	Dissolved	Water	6020B	288503
550-193516-6	R-925_11-2022	Dissolved	Water	6020B	288503
550-193516-7	R-25_11-2022	Dissolved	Water	6020B	288503
550-193516-8	R-929A_D1_11-2022	Dissolved	Water	6020B	288503
MB 550-288503/1-A	Method Blank	Total/NA	Water	6020B	288503
LCS 550-288503/2-A	Lab Control Sample	Total/NA	Water	6020B	288503
LCSD 550-288503/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288503
550-193516-3 MS	R-29A_D1_11-2022	Dissolved	Water	6020B	288503
550-193516-3 MSD	R-29A_D1_11-2022	Dissolved	Water	6020B	288503

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193516-1

Client Sample ID: DM-1_D1_11-2022

Lab Sample ID: 550-193516-1

Date Collected: 11/02/22 10:49

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:54
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:25
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	289237	ARE	EET PHX	11/22/22 08:35

Client Sample ID: DM-2_D2_11-2022

Lab Sample ID: 550-193516-2

Date Collected: 11/02/22 11:21

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 18:57
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:27
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	289237	ARE	EET PHX	11/22/22 08:37

Client Sample ID: R-29A_D1_11-2022

Lab Sample ID: 550-193516-3

Date Collected: 11/02/22 11:50

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288466	ABA	EET PHX	11/11/22 13:14
Dissolved	Analysis	6010B		1	288653	CHS	EET PHX	11/14/22 20:16
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:23
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	289237	ARE	EET PHX	11/22/22 08:33

Client Sample ID: R-04_S2_11-2022

Lab Sample ID: 550-193516-4

Date Collected: 11/02/22 13:50

Matrix: Water

Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 19:00
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:29
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		10	289237	ARE	EET PHX	11/22/22 08:39

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193516-1

Client Sample ID: R-04_I2_11-2022

Lab Sample ID: 550-193516-5

Date Collected: 11/02/22 14:15
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 19:03
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:31
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	289237	ARE	EET PHX	11/22/22 08:41

Client Sample ID: R-925_11-2022

Lab Sample ID: 550-193516-6

Date Collected: 11/03/22 13:57
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288466	ABA	EET PHX	11/11/22 13:14
Dissolved	Analysis	6010B		1	288653	CHS	EET PHX	11/14/22 20:19
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:34
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		10	289237	ARE	EET PHX	11/22/22 08:43

Client Sample ID: R-25_11-2022

Lab Sample ID: 550-193516-7

Date Collected: 11/03/22 13:57
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 19:05
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:36
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		10	289237	ARE	EET PHX	11/22/22 08:45

Client Sample ID: R-929A_D1_11-2022

Lab Sample ID: 550-193516-8

Date Collected: 11/02/22 11:50
Matrix: Water
Date Received: 11/10/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288413	ABA	EET PHX	11/10/22 19:55
Dissolved	Analysis	6010B		1	288660	CHS	EET PHX	11/14/22 19:08
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	288650	ARE	EET PHX	11/14/22 19:38
Dissolved	Prep	3005A			288503	ABA	EET PHX	11/11/22 19:09
Dissolved	Analysis	6020B		1	289237	ARE	EET PHX	11/22/22 08:47

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193516-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193516-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET PHX
6020B	Metals (ICP/MS)	SW846	EET PHX
3005A	Preparation, Total Metals	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193516-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193516-1	DM-1_D1_11-2022	Water	11/02/22 10:49	11/10/22 10:30
550-193516-2	DM-2_D2_11-2022	Water	11/02/22 11:21	11/10/22 10:30
550-193516-3	R-29A_D1_11-2022	Water	11/02/22 11:50	11/10/22 10:30
550-193516-4	R-04_S2_11-2022	Water	11/02/22 13:50	11/10/22 10:30
550-193516-5	R-04_I2_11-2022	Water	11/02/22 14:15	11/10/22 10:30
550-193516-6	R-925_11-2022	Water	11/03/22 13:57	11/10/22 10:30
550-193516-7	R-25_11-2022	Water	11/03/22 13:57	11/10/22 10:30
550-193516-8	R-929A_D1_11-2022	Water	11/02/22 11:50	11/10/22 10:30

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
6020B_ICVL_00040	11/30/22	07/18/22	5%Nitric/5%HCl, Lot NA	500 mL	200.8 CRI_LL_00033	5 mL	Arsenic	1 ug/L
							Manganese	0.5 ug/L
.200.8 CRI_LL_00033	11/30/22	High Purity Standards, Lot 2213133-250			(Purchased Reagent)		Arsenic	100 ug/L
							Manganese	50 ug/L
MI3_ICSA_00092	06/30/23	06/28/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
MI3_ICSAB_00115	12/22/22	06/17/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_B_3*_00010	1 mL	B	1 ug/mL
					MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
					MI3_Ga_1*_00013	1 mL	Ga	1 ug/mL
					MI3_ICV/CCV-B_00018	10 mL	Ag	1 ug/mL
							Arsenic	1 ug/mL
							Ba	1 ug/mL
							Be	1 ug/mL
							Bi	1 ug/mL
							Cd	1 ug/mL
							Co	1 ug/mL
							Cr	1 ug/mL
							Cu	1 ug/mL
							Manganese	1 ug/mL
							Ni	1 ug/mL
							Pb	1 ug/mL
							Se	1 ug/mL
							Sr	1 ug/mL
							Tl	1 ug/mL
							U	1 ug/mL
							V	1 ug/mL
							Zn	1 ug/mL
					MI3_In_1*_00013	1 mL	In	1 ug/mL
					MI3_Li_CPI_00005	1 mL	Li	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MI3_Mo_3*_00004	1 mL	Mo	1 ug/mL
					MI3_P_2*_00014	1 mL	P	10 ug/mL
					MI3_S_3*_00007	1 mL	Sulfur	1 ug/mL
					MI3_Sb_3*_00005	1 mL	Sb	1 ug/mL
					MI3_Sc_1*_00012	1 mL	Sc	1 ug/mL
					MI3_Si_2*_00013	1 mL	Si	10 ug/mL
					MI3_Sn_3*_00004	1 mL	Sn	1 ug/mL
					MI3_Th_2*_00003	1 mL	Th	1 ug/mL
					MI3_Ti_3*_00004	1 mL	Ti	1 ug/mL
					MI3_W_1*_00004	1 mL	W	1 ug/mL
					MI3_Zr_2*_00003	1 mL	Zr	1 ug/mL
.MI3_B_3*_00010	03/17/23	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
.MI3_Ga_1*_00013	06/30/23	CPI International, Lot 1132962-5			(Purchased Reagent)		Ga	1000 ug/mL
.MI3_ICV/CCV-B_00018	06/17/23	Inorganic Ventures, Lot T2-MEB720021			(Purchased Reagent)		Ag	100 ug/mL
							Arsenic	100 ug/mL
							Ba	100 ug/mL
							Be	100 ug/mL
							Bi	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							Manganese	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Se	100 ug/mL
							Sr	100 ug/mL
							Tl	100 ug/mL
							U	100 ug/mL
							V	100 ug/mL
							Zn	100 ug/mL
.MI3_In_1*_00013	03/17/23	CPI, Lot 1122330-8			(Purchased Reagent)		In	1000 ug/mL
.MI3_Li_CPI_00005	08/08/23	CPI, Lot 1084156			(Purchased Reagent)		Li	1000 ug/mL
.MI3_Mo_3*_00004	04/22/23	CPI, Lot 1138256-5			(Purchased Reagent)		Mo	1000 ug/mL
.MI3_P_2*_00014	05/15/23	CPI, Lot 1079898-14			(Purchased Reagent)		P	10000 ug/mL
.MI3_S_3*_00007	11/30/23	CPI, Lot 711593048B			(Purchased Reagent)		Sulfur	1000 ug/mL
.MI3_Sb_3*_00005	11/26/23	CPI, Lot 1129139-4			(Purchased Reagent)		Sb	1000 ug/mL
.MI3_Sc_1*_00012	12/22/22	CPI International, Lot 1086453-15			(Purchased Reagent)		Sc	1000 ug/mL
.MI3_Si_2*_00013	03/13/23	CPI, Lot 1094765-27			(Purchased Reagent)		Si	10000 ug/mL
.MI3_Sn_3*_00004	06/17/23	CPI, Lot 1131598-2			(Purchased Reagent)		Sn	1000 ug/mL
.MI3_Th_2*_00003	05/15/23	CPI, Lot 1114190-9			(Purchased Reagent)		Th	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MI3_Ti_3*_00004	03/17/23	CPI, Lot 1130645-9			(Purchased Reagent)		Ti	1000 ug/mL
.MI3_W_1*_00004	06/17/23	CPI, Lot 1146089-18			(Purchased Reagent)		W	1000 ug/mL
.MI3_Zr_2*_00003	04/22/23	CPI, Lot 1097984-16			(Purchased Reagent)		Zr	1000 ug/mL
MI3_ICV/CCV_00181	03/13/23	08/18/22	5%Nitric/5%HCl, Lot NA	2000 mL	MI3_ICV/CCV-A_00017	20 mL	Iron	10 ug/mL
.MI3_ICV/CCV-A_00017	03/25/23	Inorganic Ventures, Lot T2-MEB716560			(Purchased Reagent)		Iron	1000 ug/mL
MI3_PREP SPK_00179	11/20/22	08/05/22	2% Nitric Acid, Lot NA	250 mL	MI3_Ag_2*_00001	2.5 mL	Ag	10 ug/mL
					MI3_B_3*_00008	2.5 mL	B	10 ug/mL
					MI3_Zn_2*_00002	2.5 mL	Zn	10 ug/mL
					MM-CalStdMix_00053	25 mL	Arsenic	10 ug/mL
							Ba	10 ug/mL
							Be	10 ug/mL
							Cd	10 ug/mL
							Co	10 ug/mL
							Cr	10 ug/mL
							Cu	10 ug/mL
							Li	10 ug/mL
							Manganese	10 ug/mL
							Mo	10 ug/mL
							Ni	10 ug/mL
							Pb	10 ug/mL
							Sb	10 ug/mL
							Se	10 ug/mL
							Si	100 ug/mL
							Sn	10 ug/mL
							Sr	10 ug/mL
							Ti	10 ug/mL
							Tl	10 ug/mL
							V	10 ug/mL
					MM-CalStdMix_00054	2.5 mL	Al	20 ug/mL
							Ca	20 ug/mL
							Iron	20 ug/mL
							K	20 ug/mL
							Mg	20 ug/mL
							Na	20 ug/mL
					MM-CalStdMix_00055	25 mL	P	100 ug/mL
							Sulfur	100 ug/mL
							U	10 ug/mL
							W	10 ug/mL
.MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
.MI3_B_3*_00008	11/20/22	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_Zn_2*_00002	07/21/23	CPI, Lot 711539438-1			(Purchased Reagent)		Zn	1000 ug/mL
.MM-CalStdMix_00053	11/26/23	CPI, Lot 1217102-1			(Purchased Reagent)		Arsenic	100 mg/L
							Ba	100 mg/L
							Be	100 mg/L
							Cd	100 mg/L
							Co	100 mg/L
							Cr	100 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cu	100 mg/L
							Li	100 mg/L
							Manganese	100 mg/L
							Mo	100 mg/L
							Ni	100 mg/L
							Pb	100 mg/L
							Sb	100 mg/L
							Se	100 mg/L
							Si	1000 mg/L
							Sn	100 mg/L
							Sr	100 mg/L
							Ti	100 mg/L
							Tl	100 mg/L
							V	100 mg/L
.MM-CalStdMix_00054	11/26/23		CPI, Lot 1213500-1		(Purchased Reagent)		Al	2000 mg/L
							Ca	2000 mg/L
							Iron	2000 mg/L
							K	2000 mg/L
							Mg	2000 mg/L
							Na	2000 mg/L
.MM-CalStdMix_00055	06/07/23		CPI, Lot 1210300-1		(Purchased Reagent)		P	1000 mg/L
							Sulfur	1000 mg/L
							U	100 mg/L
							W	100 mg/L
MI3_PREP SPK_00196	08/15/23	11/09/22	5%Nitric/5%HCl, Lot NA	1 mL	MI3_SPIKE D_00076	1 mL	Ag	7.5 ug/mL
							Nitric acid	500 ug/mL
					MI3_Spike_B_00009	1 mL	Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2100 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2100 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
					MI3_SpikeA_00008	1 mL	Be	100 ug/mL
							Bi	100 ug/mL
							Ca	2100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Li	100 ug/mL
							Manganese	100 ug/mL
							Mg	2100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
					MI3_SPKC_TEMP_00014	1 mL	Arsenic	100 ug/mL
							Sulfur	100 ug/mL
.MI3_SPIKE D_00076	08/15/23	07/29/22	5% Nitric Acid, Lot NA	500 mL	MI3_Ag_2*_00001	3.75 mL	Ag	7.5 ug/mL
					MP_HNO3_conc._00615	25 mL	Nitric acid	500 ug/mL
..MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
..MP_HNO3_conc._00615	11/01/23	Macron, Lot 185595			(Purchased Reagent)		Nitric acid	1 %
.MI3_Spike_B_00009	11/30/23	CPI, Lot 1274035			(Purchased Reagent)		Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2000 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2000 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
.MI3_SpikeA_00008	11/30/23	CPI, Lot 1269667-1			(Purchased Reagent)		Be	100 ug/mL
							Bi	100 ug/mL
							Ca	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							Li	100 ug/mL
							Manganese	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Mg	100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
.MI3_SPKC_TEMP_00014	11/30/23	09/16/22	5%Nitric/5%HCl, Lot NA	100 mL	MI3_As_2*_00002	10 mL	Arsenic	100 ug/mL
					MI3_S_3*_00007	10 mL	Sulfur	100 ug/mL
..MI3_As_2*_00002	11/30/23		CPI, Lot 711593048A-1		(Purchased Reagent)		Arsenic	1000 ug/mL
..MI3_S_3*_00007	11/30/23		CPI, Lot 711593048B		(Purchased Reagent)		Sulfur	1000 ug/mL
MM-Agt-IC1_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC1_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	150 mL	Arsenic	150 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Manganese	150 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	150 mL	Arsenic	150 ug/L
							Manganese	150 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00051	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00052	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC7 Agt SP_00056	03/17/23	08/12/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MM-CalStdMix_00053	1 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MM-CalStdMix_00053	11/26/23		CPI, Lot 1217102-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-ICSA_00017	07/20/23	08/01/22	2%Nitric/1%HCl, Lot F2-MEB418129	50 mL	MM-ICSA_00015	5 mL	Iron	100000 ug/L
.MM-ICSA_00015	08/08/23		CPI, Lot 1208135-1		(Purchased Reagent)		Iron	1000 mg/L

METALS

COVER PAGE
METALS

Lab Name: Eurofins Phoenix Job Number: 550-193516-1

SDG No.:

Project: NRAP

Client Sample ID	Lab Sample ID
DM-1_D1_11-2022	550-193516-1
DM-2_D2_11-2022	550-193516-2
R-29A_D1_11-2022	550-193516-3
R-04_S2_11-2022	550-193516-4
R-04_I2_11-2022	550-193516-5
R-925_11-2022	550-193516-6
R-25_11-2022	550-193516-7
R-929A_D1_11-2022	550-193516-8

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: DM-1_D1_11-2022 Lab Sample ID: 550-193516-1

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 10:49

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.037	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	1.3	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	9.5	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: DM-2_D2_11-2022 Lab Sample ID: 550-193516-2

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 11:21

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	ND	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	ND	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	19	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-29A_D1_11-2022 Lab Sample ID: 550-193516-3

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 11:50

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1.3	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	0.36	1.0	0.25	ug/L	J		1	6020B
7439-96-5	Manganese	48	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-04_S2_11-2022 Lab Sample ID: 550-193516-4

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 13:50

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.046	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	0.91	1.0	0.25	ug/L	J		1	6020B
7439-96-5	Manganese	1200	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-04_I2_11-2022 Lab Sample ID: 550-193516-5

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 14:15

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.19	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	1.8	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	5.8	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-925_11-2022 Lab Sample ID: 550-193516-6

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 13:57

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	2.6	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	12	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	1700	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-25_11-2022 Lab Sample ID: 550-193516-7

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 13:57

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	2.3	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	12	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	1600	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-929A_D1_11-2022 Lab Sample ID: 550-193516-8

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG ID.:

Matrix: Water Date Sampled: 11/02/2022 11:50

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.10	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	0.27	1.0	0.25	ug/L	J		1	6020B
7439-96-5	Manganese	48	2.5	0.26	ug/L			1	6020B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	ICV 550-288653/9 11/14/2022 10:41				CCV 550-288653/13 11/14/2022 19:54				CCV2 550-288653/23 11/14/2022 20:59			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	10.0		10.0	100	10.1		10.0	101	10.5		10.0	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	ICV 550-288660/9 11/14/2022 10:41				CCV 550-288660/13 11/14/2022 18:03				CCV 550-288660/28 11/14/2022 18:46			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	10.0		10.0	100	10.0		10.0	100	9.97		10.0	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	CCV 550-288660/37 11/14/2022 19:11											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	9.99		10.0	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICV 550-288650/8 11/14/2022 13:29				ICV 550-288650/9 11/14/2022 13:31				CCV 550-288650/15 11/14/2022 19:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	102		100	102	100		100	100	95.9		100	96
Manganese	102		100	102	101		100	101	94.3		100	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	CCV 550-288650/31 11/14/2022 19:40											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	98.2		100	98								
Manganese	96.2		100	96								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICVL 550-288650/14 11/14/2022 13:48				CCV 550-288650/15 11/14/2022 19:06				CCV 550-288650/31 11/14/2022 19:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.925	J	1.00	93	95.9		100	96	98.2		100	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICV 550-289237/8 11/21/2022 12:45				CCV 550-289237/14 11/22/2022 08:16				CCV 550-289237/30 11/22/2022 08:49			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	99.1		100	99	105		100	105	95.2		100	95
Arsenic	97.1		100	97	108		100	108	103		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICVL 550-289237/12 11/21/2022 13:06				CCV 550-289237/14 11/22/2022 08:16				CCV 550-289237/30 11/22/2022 08:49			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	0.523	J	0.500	105	105		100	105	95.2		100	95
Arsenic	1.01		1.00	101	108		100	108	103		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 550-288653/1 11/14/2022 10:18		ICB 550-288653/10 11/14/2022 10:59		CCB 550-288653/14 11/14/2022 19:56		CCB2 550-288653/24 11/14/2022 21:01	
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 550-288660/1 11/14/2022 10:18		ICB 550-288660/10 11/14/2022 10:59		CCB 550-288660/14 11/14/2022 18:06		CCB 550-288660/29 11/14/2022 18:49	
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 550-288660/38 11/14/2022 19:14							
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND							

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-288650/11 11/14/2022 13:35		CCB 550-288650/16 11/14/2022 19:08		CCB 550-288650/32 11/14/2022 19:42			
		Found	C	Found	C	Found	C	Found	C
Arsenic	1.0	ND		ND		ND			
Manganese	2.5	ND		0.290	J	ND			

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-289237/10 11/21/2022 12:57		CCB 550-289237/15 11/22/2022 08:18		CCB 550-289237/31 11/22/2022 08:52			
		Found	C	Found	C	Found	C	Found	C
Manganese	2.5	ND		ND		ND			
Arsenic	1.0	ND		ND		0.271	J		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 550-288466/1-A

Instrument Code: ICP04 Batch No.: 288653

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	ND			6010B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 550-288413/1-A

Instrument Code: ICP04 Batch No.: 288660

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	ND			6010B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288503/1-A

Instrument Code: ICPMS03 Batch No.: 288650

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288503/1-A

Instrument Code: ICPMS03 Batch No.: 289237

CAS No.	Analyte	Concentration	C	Q	Method
7439-96-5	Manganese	0.313	J		6020B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSA 550-288653/11 Instrument ID: ICP04

Lab File ID: 220114002K.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**100**	**99.8**	**100**
Aluminum	*100*	*99.5*	*99*
Antimony		*-0.0031*	
Arsenic		*-0.0018*	
Barium		*-0.0004*	
Beryllium		*-0.0003*	
Bismuth		*-0.0064*	
Boron		*-0.0020*	
Cadmium		*-0.0011*	
Calcium	*100*	*99.2*	*99*
Chromium		*-0.0021*	
Cobalt		*0.0007*	
Copper		*-0.0019*	
Fe2O3	*143*	*143*	*100*
Gallium		*-0.0142*	
Indium		*-0.0062*	
Lead		*-0.0073*	
Lithium		*0.0043*	
Magnesium	*100*	*100*	*100*
Manganese		*-0.0002*	
Molybdenum		*-0.0054*	
Nickel		*-0.0009*	
Phosphorus		*-0.0200*	
Potassium	*100*	*104*	*104*
Scandium		*0.0000*	
Selenium		*0.0062*	
Silicon		*-0.0014*	
Silver		*-0.0022*	
Sodium	*100*	*99.8*	*100*
Strontium		*0.0100*	
Sulfur		*-0.102*	
Th		*0.0148*	
Thallium		*0.0056*	
Tin		*-0.0021*	
Titanium		*-0.0008*	
U		*-0.0044*	
Vanadium		*0.0019*	
W		*-0.0030*	
Zinc		*-0.0035*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSA 550-288653/11 Instrument ID: ICP04

Lab File ID: 220114002K.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Zr		*-0.0001*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSA 550-288660/11 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**100**	**99.8**	**100**
Aluminum	*100*	*99.5*	*99*
Antimony		*-0.0031*	
Arsenic		*-0.0018*	
Barium		*-0.0004*	
Beryllium		*-0.0003*	
Bismuth		*-0.0064*	
Boron		*-0.0020*	
Cadmium		*-0.0011*	
Calcium	*100*	*99.2*	*99*
Chromium		*-0.0021*	
Cobalt		*0.0007*	
Copper		*-0.0019*	
Fe2O3	*143*	*143*	*100*
Gallium		*-0.0142*	
Indium		*-0.0062*	
Lead		*-0.0073*	
Lithium		*0.0043*	
Magnesium	*100*	*100*	*100*
Manganese		*-0.0002*	
Molybdenum		*-0.0054*	
Nickel		*-0.0009*	
Phosphorus		*-0.0200*	
Potassium	*100*	*104*	*104*
Scandium		*0.0000*	
Selenium		*0.0062*	
Silicon		*-0.0014*	
Silver		*-0.0022*	
Sodium	*100*	*99.8*	*100*
Strontium		*0.0100*	
Sulfur		*-0.102*	
Th		*0.0148*	
Thallium		*0.0056*	
Tin		*-0.0021*	
Titanium		*-0.0008*	
U		*-0.0044*	
Vanadium		*0.0019*	
W		*-0.0030*	
Zinc		*-0.0035*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSA 550-288660/11 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Zr		*-0.0001*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSAB 550-288653/12 Instrument ID: ICP04

Lab File ID: 220114002K.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**100**	**96.2**	**96**
Aluminum	*100*	*95.5*	*95*
Antimony	*1.00*	*0.999*	*100*
Arsenic	*1.00*	*0.989*	*99*
Barium	*1.00*	*0.982*	*98*
Beryllium	*1.00*	*0.992*	*99*
Bismuth	*1.00*	*0.945*	*94*
Boron	*1.00*	*1.03*	*103*
Cadmium	*1.00*	*0.979*	*98*
Calcium	*100*	*95.2*	*95*
Chromium	*1.00*	*0.952*	*95*
Cobalt	*1.00*	*0.960*	*96*
Copper	*1.00*	*1.02*	*102*
Fe2O3	*143*	*138*	*96*
Gallium	*1.00*	*0.979*	*98*
Indium	*1.00*	*0.977*	*98*
Lead	*1.00*	*0.955*	*95*
Lithium	*1.00*	*1.13*	*113*
Magnesium	*100*	*95.9*	*96*
Manganese	*1.00*	*0.974*	*97*
Molybdenum	*1.00*	*0.996*	*100*
Nickel	*1.00*	*0.969*	*97*
Phosphorus	*10.0*	*10.0*	*100*
Potassium	*100*	*100*	*100*
Scandium	*1.00*	*1.03*	*103*
Selenium	*1.00*	*1.04*	*104*
Silicon	*10.0*	*10.0*	*100*
Silver	*1.00*	*0.974*	*97*
Sodium	*100*	*96.2*	*96*
Strontium	*1.00*	*0.908*	*91*
Sulfur	*1.00*	*0.902*	*90*
Th	*1.00*	*1.00*	*100*
Thallium	*1.00*	*0.972*	*97*
Tin	*1.00*	*0.974*	*97*
Titanium	*1.00*	*1.01*	*101*
U	*1.00*	*0.955*	*96*
Vanadium	*1.00*	*0.985*	*99*
W	*1.00*	*0.943*	*94*
Zinc	*1.00*	*0.945*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSAB 550-288653/12 Instrument ID: ICP04

Lab File ID: 220114002K.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Zr	*1.00*	*0.975*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSAB 550-288660/12 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**100**	**96.2**	**96**
Aluminum	*100*	*95.5*	*95*
Antimony	*1.00*	*0.999*	*100*
Arsenic	*1.00*	*0.989*	*99*
Barium	*1.00*	*0.982*	*98*
Beryllium	*1.00*	*0.992*	*99*
Bismuth	*1.00*	*0.945*	*94*
Boron	*1.00*	*1.03*	*103*
Cadmium	*1.00*	*0.979*	*98*
Calcium	*100*	*95.2*	*95*
Chromium	*1.00*	*0.952*	*95*
Cobalt	*1.00*	*0.960*	*96*
Copper	*1.00*	*1.02*	*102*
Fe2O3	*143*	*138*	*96*
Gallium	*1.00*	*0.979*	*98*
Indium	*1.00*	*0.977*	*98*
Lead	*1.00*	*0.955*	*95*
Lithium	*1.00*	*1.13*	*113*
Magnesium	*100*	*95.9*	*96*
Manganese	*1.00*	*0.974*	*97*
Molybdenum	*1.00*	*0.996*	*100*
Nickel	*1.00*	*0.969*	*97*
Phosphorus	*10.0*	*10.0*	*100*
Potassium	*100*	*100*	*100*
Scandium	*1.00*	*1.03*	*103*
Selenium	*1.00*	*1.04*	*104*
Silicon	*10.0*	*10.0*	*100*
Silver	*1.00*	*0.974*	*97*
Sodium	*100*	*96.2*	*96*
Strontium	*1.00*	*0.908*	*91*
Sulfur	*1.00*	*0.902*	*90*
Th	*1.00*	*1.00*	*100*
Thallium	*1.00*	*0.972*	*97*
Tin	*1.00*	*0.974*	*97*
Titanium	*1.00*	*1.01*	*101*
U	*1.00*	*0.955*	*96*
Vanadium	*1.00*	*0.985*	*99*
W	*1.00*	*0.943*	*94*
Zinc	*1.00*	*0.945*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSAB 550-288660/12 Instrument ID: ICP04

Lab File ID: 220114002I.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Zr	*1.00*	*0.975*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Lab Sample ID: ICSA 550-289237/13 Instrument ID: ICPMS03

Lab File ID: 016ICSA.d ICS Source: MM-ICSA_00017

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Manganese		**0.433**	
Antimony		*0.111*	
Arsenic		*0.184*	
Barium		*3.90*	
Beryllium		*-0.0430*	
Cadmium		*0.124*	
Chromium		*0.911*	
Cobalt		*0.348*	
Copper		*0.788*	
Iron	*100000*	*116339*	*116*
Lead		*0.244*	
Li		*0.845*	
Nickel		*1.19*	
Selenium		*-0.0570*	
Silver		*0.107*	
Thallium		*0.0010*	
Uranium		*0.0150*	
Vanadium		*0.684*	
Zinc		*1.10*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 MS
Lab ID: 550-193516-3 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193516-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR C		Sample Result (SR) C		Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	2.16		1.3		1.00	91	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 MS
Lab ID: 550-193516-3 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193516-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	94.0		0.36	J	100	94	75-125		6020B
Manganese	151		48		100	103	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 MSD
Lab ID: 550-193516-3 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193516-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	2.17		1.00	92	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 MSD
Lab ID: 550-193516-3 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193516-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	96.1		100	96	75-125	2	20		6020B
Manganese	153		100	105	75-125	1	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 PDS
Lab ID: 550-193516-3 PDS
Lab Name: Eurofins Phoenix
Job No.: 550-193516-1
SDG No.:
Matrix: Water
Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	2.15		1.3		1.00	90	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-29A_D1_11-2022 PDS | Lab ID: 550-193516-3 PDS

Lab Name: Eurofins Phoenix | Job No.: 550-193516-1

SDG No.:

Matrix: Water | Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	91.5		0.36	J	100	91	75-125		6020B
Manganese	141		48		100	92	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288466/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1.00	0.983		98	85	112		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288466/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	0.994		1.00	99	85-112	1	20		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288413/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1.00	0.946		95	85	112		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288413/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	0.950		1.00	95	85-112	0	20		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288503/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	100	90.5		90	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288503/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	91.1		100	91	80-120	1	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288503/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Manganese	100	108		108	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288503/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Manganese	108		100	108	80-120	1	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193516-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B MDL Date: 10/14/2020 16:41

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Iron		0.4	0.0189768

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193516-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B XMDL Date: 10/14/2020 16:44

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Iron		0.4	0.0189768

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193516-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B MDL Date: 08/12/2015 13:37

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193516-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B XMDL Date: 10/27/2022 16:27

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193516-1

SDG No.:

Instrument ID: ICP04 Date: 09/29/2020 12:30

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Iron		500	6010B

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193516-1

SDG No.:

Instrument ID: ICPMS03 Date: 10/30/2015 13:39

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		900	6020B
Manganese		900	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288413/1-A	11/10/2022 19:55	288413		50	50
LCS 550-288413/2-A	11/10/2022 19:55	288413		50	50
LCSD 550-288413/3-A	11/10/2022 19:55	288413		50	50
550-193516-1	11/10/2022 19:55	288413		50	50
550-193516-2	11/10/2022 19:55	288413		50	50
550-193516-4	11/10/2022 19:55	288413		50	50
550-193516-5	11/10/2022 19:55	288413		50	50
550-193516-7	11/10/2022 19:55	288413		50	50
550-193516-8	11/10/2022 19:55	288413		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288466/1-A	11/11/2022 13:14	288466		50	50
LCS 550-288466/2-A	11/11/2022 13:14	288466		50	50
LCSD 550-288466/3-A	11/11/2022 13:14	288466		50	50
550-193516-3 MS	11/11/2022 13:14	288466		50	50
550-193516-3 MSD	11/11/2022 13:14	288466		50	50
550-193516-3	11/11/2022 13:14	288466		50	50
550-193516-6	11/11/2022 13:14	288466		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288503/1-A	11/11/2022 19:09	288503		50	50
LCS 550-288503/2-A	11/11/2022 19:09	288503		50	50
LCSD 550-288503/3-A	11/11/2022 19:09	288503		50	50
550-193516-3 MS	11/11/2022 19:09	288503		50	50
550-193516-3 MSD	11/11/2022 19:09	288503		50	50
550-193516-3	11/11/2022 19:09	288503		50	50
550-193516-1	11/11/2022 19:09	288503		50	50
550-193516-2	11/11/2022 19:09	288503		50	50
550-193516-4	11/11/2022 19:09	288503		50	50
550-193516-5	11/11/2022 19:09	288503		50	50
550-193516-6	11/11/2022 19:09	288503		50	50
550-193516-7	11/11/2022 19:09	288503		50	50
550-193516-8	11/11/2022 19:09	288503		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Instrument ID: ICP04 Analysis Method: 6010B

Start Date: 11/14/2022 10:18 End Date: 11/14/2022 21:01

Lab Sample Id	D/F	Type	Time	Analytes																								
				Fe																								
ICBIS 550-288653/1	1		10:18	X																								
IC 550-288653/2			10:21	X																								
IC 550-288653/3			10:24	X																								
IC 550-288653/4			10:26	X																								
IC 550-288653/5			10:29	X																								
IC 550-288653/6			10:32	X																								
IC 550-288653/7			10:35	X																								
IC 550-288653/8			10:38	X																								
ICV 550-288653/9	1		10:41	X																								
ICB 550-288653/10	1		10:59	X																								
ICSA 550-288653/11	1		11:04	X																								
ICSAB 550-288653/12	1		11:14	X																								
CCV 550-288653/13	1		19:54	X																								
CCB 550-288653/14	1		19:56	X																								
MB 550-288466/1-A	1	T	19:59	X																								
LCS 550-288466/2-A	1	T	20:02	X																								
LCSD 550-288466/3-A	1	T	20:05	X																								
550-193516-3 MS	1	D	20:08	X																								
550-193516-3 MSD	1	D	20:10	X																								
550-193516-3 PDS	1	D	20:13	X																								
550-193516-3	1	D	20:16	X																								
550-193516-6	1	D	20:19	X																								
CCV2 550-288653/23	1		20:59	X																								
CCB2 550-288653/24	1		21:01	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Instrument ID: ICP04 Analysis Method: 6010B

Start Date: 11/14/2022 10:18 End Date: 11/14/2022 19:14

Lab Sample Id	D/F	Type	Time	Analytes																								
				Fe																								
ICBIS 550-288660/1	1		10:18	X																								
IC 550-288660/2			10:21	X																								
IC 550-288660/3			10:24	X																								
IC 550-288660/4			10:26	X																								
IC 550-288660/5			10:29	X																								
IC 550-288660/6			10:32	X																								
IC 550-288660/7			10:35	X																								
IC 550-288660/8			10:38	X																								
ICV 550-288660/9	1		10:41	X																								
ICB 550-288660/10	1		10:59	X																								
ICSA 550-288660/11	1		11:04	X																								
ICSAB 550-288660/12	1		11:14	X																								
CCV 550-288660/13	1		18:03	X																								
CCB 550-288660/14	1		18:06	X																								
MB 550-288413/1-A	1	T	18:09	X																								
LCS 550-288413/2-A	1	T	18:12	X																								
LCSD 550-288413/3-A	1	T	18:15	X																								
ZZZZZZ			18:17																									
ZZZZZZ			18:20																									
ZZZZZZ			18:23																									
ZZZZZZ			18:26																									
ZZZZZZ			18:29																									
ZZZZZZ			18:32																									
ZZZZZZ			18:34																									
ZZZZZZ			18:37																									
ZZZZZZ			18:40																									
ZZZZZZ			18:43																									
CCV 550-288660/28	1		18:46	X																								
CCB 550-288660/29	1		18:49	X																								
ZZZZZZ			18:51																									
550-193516-1	1	D	18:54	X																								
550-193516-2	1	D	18:57	X																								
550-193516-4	1	D	19:00	X																								
550-193516-5	1	D	19:03	X																								
550-193516-7	1	D	19:05	X																								
550-193516-8	1	D	19:08	X																								
CCV 550-288660/37	1		19:11	X																								
CCB 550-288660/38	1		19:14	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/14/2022 13:14 End Date: 11/14/2022 19:42

Lab Sample Id	D/F	Type	Time	Analytes																								
				As																								
ICB 550-288650/1			13:14																									
IC 550-288650/2	1		13:16	X																								
IC 550-288650/3	1		13:18	X																								
IC 550-288650/4	1		13:20	X																								
IC 550-288650/5	1		13:22	X																								
IC 550-288650/6	1		13:25	X																								
IC 550-288650/7	1		13:27	X																								
ICV 550-288650/8	1		13:29	X																								
ICV 550-288650/9	1		13:31	X																								
ICB 550-288650/10			13:33																									
ICB 550-288650/11	1		13:35	X																								
ICVL 550-288650/12			13:37																									
ICSA 550-288650/13	1		13:39	X																								
ICVL 550-288650/14	1		13:48	X																								
CCV 550-288650/15	1		19:06	X																								
CCB 550-288650/16	1		19:08	X																								
MB 550-288503/1-A	1	T	19:10	X																								
LCS 550-288503/2-A	1	T	19:13	X																								
LCSD 550-288503/3-A	1	T	19:15	X																								
550-193516-3 MS	1	D	19:17	X																								
550-193516-3 MSD	1	D	19:19	X																								
550-193516-3 PDS	1	D	19:21	X																								
550-193516-3	1	D	19:23	X																								
550-193516-1	1	D	19:25	X																								
550-193516-2	1	D	19:27	X																								
550-193516-4	1	D	19:29	X																								
550-193516-5	1	D	19:31	X																								
550-193516-6	1	D	19:34	X																								
550-193516-7	1	D	19:36	X																								
550-193516-8	1	D	19:38	X																								
CCV 550-288650/31	1		19:40	X																								
CCB 550-288650/32	1		19:42	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/21/2022 12:30 End Date: 11/22/2022 08:52

Lab Sample Id	D/F	Type	Time	Analytes																								
				Mn																								
ICB 550-289237/1			12:30																									
IC 550-289237/2	1		12:32	X																								
IC 550-289237/3	1		12:34	X																								
IC 550-289237/4	1		12:36	X																								
IC 550-289237/5	1		12:39	X																								
IC 550-289237/6	1		12:41	X																								
IC 550-289237/7	1		12:43	X																								
ICV 550-289237/8	1		12:45	X																								
ICB 550-289237/9			12:55																									
ICB 550-289237/10	1		12:57	X																								
ICVL 550-289237/11			12:59																									
ICVL 550-289237/12	1		13:06	X																								
ICSA 550-289237/13	1		13:08	X																								
CCV 550-289237/14	1		08:16	X																								
CCB 550-289237/15	1		08:18	X																								
MB 550-288503/1-A	1	T	08:20	X																								
LCS 550-288503/2-A	1	T	08:23	X																								
LCSD 550-288503/3-A	1	T	08:25	X																								
550-193516-3 MS	1	D	08:27	X																								
550-193516-3 MSD	1	D	08:29	X																								
550-193516-3 PDS	1	D	08:31	X																								
550-193516-3	1	D	08:33	X																								
550-193516-1	1	D	08:35	X																								
550-193516-2	1	D	08:37	X																								
550-193516-4	10	D	08:39	X																								
550-193516-5	1	D	08:41	X																								
550-193516-6	10	D	08:43	X																								
550-193516-7	10	D	08:45	X																								
550-193516-8	1	D	08:47	X																								
CCV 550-289237/30	1		08:49	X																								
CCB 550-289237/31	1		08:52	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288653

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Y 360.074	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICBIS 550-288653/1	10:18										
ICV 550-288653/9	10:41	99									
ICB 550-288653/10	10:59										
ICSA 550-288653/11	11:04	93									
ICSAB 550-288653/12	11:14	93									
CCV 550-288653/13	19:54	103									
CCB 550-288653/14	19:56	104									
MB 550-288466/1-A	19:59	105									
LCS 550-288466/2-A	20:02	103									
LCSD 550-288466/3-A	20:05	103									
550-193516-3 MS	20:08	100									
550-193516-3 MSD	20:10	99									
550-193516-3 PDS	20:13	101									
550-193516-3	20:16	102									
550-193516-6	20:19	101									
CCV2 550-288653/23	20:59	102									
CCB2 550-288653/24	21:01	105									

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288653

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Wavelength	Internal Standard Used:				
		Element Y 360.074	Element Y 360.074	Element	Element	Element
Iron	259.940	X				
Aluminum	308.215	X				
Antimony	206.834	X				
Arsenic	193.696	X				
Barium	455.403	X				
Beryllium	313.042	X				
Bismuth	223.061	X				
Boron	249.678	X				
Cadmium	228.802	X				
Calcium	317.933	X				
Chromium	267.716	X				
Cobalt	228.615	X				
Copper	324.754	X				
Fe2O3						
Gallium	294.363	X				
Indium	230.606	X				
Lead	220.353	X				
Lithium	670.783	X				
Magnesium	279.800	X				
Manganese	257.610	X				
Molybdenum	202.032	X				
Nickel	231.604	X				
Phosphorus	213.618	X				
Potassium	766.491	X				
Scandium	335.372	X				
Selenium	196.026	X				
Silicon	288.158	X				
Silver	328.068	X				
Sodium	589.592	X				
Strontium	407.771	X				
Sulfur	181.972	X				
Th	288.505	X				
Thallium	190.794	X				
Tin	189.925	X				
Titanium	334.941	X				
U	409.013	X				
Vanadium	292.401	X				
W	207.912	X				
Zinc	206.200	X				
Zr	343.823	X				
Internal Standard Name on Instrument		Y	Y			

FORM XV - IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288660

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Y 360.074	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICBIS 550-288660/1	10:18										
ICV 550-288660/9	10:41	99									
ICB 550-288660/10	10:59										
ICSA 550-288660/11	11:04	93									
ICSAB 550-288660/12	11:14	93									
CCV 550-288660/13	18:03	100									
CCB 550-288660/14	18:06	102									
MB 550-288413/1-A	18:09	103									
LCS 550-288413/2-A	18:12	101									
LCSD 550-288413/3-A	18:15	101									
CCV 550-288660/28	18:46	101									
CCB 550-288660/29	18:49	104									
550-193516-1	18:54	102									
550-193516-2	18:57	100									
550-193516-4	19:00	99									
550-193516-5	19:03	102									
550-193516-7	19:05	100									
550-193516-8	19:08	100									
CCV 550-288660/37	19:11	102									
CCB 550-288660/38	19:14	104									

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288660

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Wavelength	Internal Standard Used:				
		Element Y 360.074	Element Y 360.074	Element	Element	Element
Iron	259.940	X				
Aluminum	308.215	X				
Antimony	206.834	X				
Arsenic	193.696	X				
Barium	455.403	X				
Beryllium	313.042	X				
Bismuth	223.061	X				
Boron	249.678	X				
Cadmium	228.802	X				
Calcium	317.933	X				
Chromium	267.716	X				
Cobalt	228.615	X				
Copper	324.754	X				
Fe2O3						
Gallium	294.363	X				
Indium	230.606	X				
Lead	220.353	X				
Lithium	670.783	X				
Magnesium	279.800	X				
Manganese	257.610	X				
Molybdenum	202.032	X				
Nickel	231.604	X				
Phosphorus	213.618	X				
Potassium	766.491	X				
Scandium	335.372	X				
Selenium	196.026	X				
Silicon	288.158	X				
Silver	328.068	X				
Sodium	589.592	X				
Strontium	407.771	X				
Sulfur	181.972	X				
Th	288.505	X				
Thallium	190.794	X				
Tin	189.925	X				
Titanium	334.941	X				
U	409.013	X				
Vanadium	292.401	X				
W	207.912	X				
Zinc	206.200	X				
Zr	343.823	X				
Internal Standard Name on Instrument		Y	Y			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288650

ICP-MS Instrument ID: ICPMS03 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-288650/2	13:16	102		104		101		101			
IC 550-288650/3	13:18	99		100		100		101			
IC 550-288650/4	13:20	99		99		100		99			
IC 550-288650/5	13:22	100		100		101		101			
IC 550-288650/6	13:25	97		100		100		100			
IC 550-288650/7	13:27	97		100		102		102			
ICV 550-288650/8	13:29	99		100		104		101			
ICV 550-288650/9	13:31	99		102		103		106			
ICB 550-288650/11	13:35	102		102		102		106			
ICSA 550-288650/13	13:39	93		96		95		101			
ICVL 550-288650/14	13:48	100		103		105		107			
CCV 550-288650/15	19:06	79		89		107					
CCB 550-288650/16	19:08	77		88		103					
MB 550-288503/1-A	19:10	76		85		104		119			
LCS 550-288503/2-A	19:13	77		87		106					
LCSD 550-288503/3-A	19:15	77		87		105					
550-193516-3 MS	19:17	75		84		100					
550-193516-3 MSD	19:19	75		83		99		120			
550-193516-3 PDS	19:21	75		84		100		119			
550-193516-3	19:23	73		81		97		120			
550-193516-1	19:25	74		83		100		120			
550-193516-2	19:27	75		83		100					
550-193516-4	19:29	70		80		95		113			
550-193516-5	19:31	75		85		101		120			
550-193516-6	19:34	73		82		98		118			
550-193516-7	19:36	73		81		97		117			
550-193516-8	19:38	74		83		99					
CCV 550-288650/31	19:40	76		84		104		120			
CCB 550-288650/32	19:42	75		86		103					

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 288650

ICP-MS Instrument ID: ICPMS03 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Copper	63				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 289237

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/22/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-289237/2	12:32	99		99		98		99			
IC 550-289237/3	12:34	100		101		97		100			
IC 550-289237/4	12:36	98		96		98		100			
IC 550-289237/5	12:39	99		99		99		102			
IC 550-289237/6	12:41	99		99		99		102			
IC 550-289237/7	12:43	97		98		98		100			
ICV 550-289237/8	12:45	101		101		98		102			
ICB 550-289237/10	12:57	104		102		102		98			
ICVL 550-289237/12	13:06	100		101		98		98			
ICSA 550-289237/13	13:08	91		89		86		93			
CCV 550-289237/14	08:16	81		82		80		74			
CCB 550-289237/15	08:18	80		82		81		76			
MB 550-288503/1-A	08:20	85		84		86		83			
LCS 550-288503/2-A	08:23	76		78		80		77			
LCSD 550-288503/3-A	08:25	72		77		77		76			
550-193516-3 MS	08:27	66		71		71		73			
550-193516-3 MSD	08:29	66		69		72		73			
550-193516-3 PDS	08:31	66		71		72		74			
550-193516-3	08:33	64		69		70		73			
550-193516-1	08:35	66		69		70		73			
550-193516-2	08:37	61		66		66		69			
550-193516-4	08:39	65		71		74		74			
550-193516-5	08:41	62		68		68		71			
550-193516-6	08:43	63		69		71		73			
550-193516-7	08:45	62		69		70		71			
550-193516-8	08:47	60		63		66		70			
CCV 550-289237/30	08:49	63		68		70		72			
CCB 550-289237/31	08:52	61		66		68		70			

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.: Analysis Batch No.: 289237

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/22/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Copper	63				X	
Iron	56				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Batch Number: 288413 Batch Start Date: 11/10/22 19:54 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/11/22 19:54

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00196		
MB 550-288413/1		3005A, 6010B			50 mL	50 mL			
LCS 550-288413/2		3005A, 6010B			50 mL	50 mL	500 uL		
LCSD 550-288413/3		3005A, 6010B			50 mL	50 mL	500 uL		
550-193516-A-1	DM-1_D1_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-2	DM-2_D2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-4	R-04_S2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-5	R-04_I2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-7	R-25_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-8	R-929A_D1_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	267678
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2677844
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/10/2022 19:54
Digestion End Time	11/11/2022 19:54

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Batch Number: 288466 Batch Start Date: 11/11/22 13:13 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/12/22 08:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00196		
MB 550-288466/1		3005A, 6010B			50 mL	50 mL			
LCS 550-288466/2		3005A, 6010B			50 mL	50 mL	500 uL		
LCSD 550-288466/3		3005A, 6010B			50 mL	50 mL	500 uL		
550-193516-B-3 MS	R-29A_D1_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193516-B-3 MSD	R-29A_D1_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193516-B-3 PDS	R-29A_D1_11-2022	3005A, 6010B	D		25 mL	25 mL	250 uL		
550-193516-B-3	R-29A_D1_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193516-A-6	R-925_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	267678
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2677844
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/11/2022 13:13
Digestion End Time	11/12/2022 08:13

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Batch Number: 288503 Batch Start Date: 11/11/22 19:09 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/12/22 13:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00179		
MB 550-288503/1		3005A, 6020B			50 mL	50 mL			
LCS 550-288503/2		3005A, 6020B			50 mL	50 mL	500 uL		
LCSD 550-288503/3		3005A, 6020B			50 mL	50 mL	500 uL		
550-193516-A-3 MS	R-29A_D1_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193516-A-3 MSD	R-29A_D1_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193516-A-3 PDS	R-29A_D1_11-2022	3005A, 6020B	D		25 mL	25 mL	250 uL		
550-193516-A-3	R-29A_D1_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-1	DM-1_D1_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-2	DM-2_D2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-4	R-04_S2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-5	R-04_I2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-6	R-925_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-7	R-25_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193516-A-8	R-929A_D1_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	2681183
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2678428
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/11/2022 19:09
Digestion End Time	11/11/2022 13:09

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193516-1

SDG No.:

Batch Number: 288503 Batch Start Date: 11/11/22 19:09 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/12/22 13:09

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

571~~694~~ 702

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193516

TAL-8210

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: A. McGLOWN	Site Contact: R	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	**Analysis Turnaround Time**			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			
Project Name: NIRAP	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

550-193516 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Dissolved Metals by As/Mn/Fe	Sample Specific Notes:
DM-1_D1_11-2022	11/02	10:49	G	W	1	Y	N	X	-1
DM-2_D2_11-2022	11/02	11:21	G	W	1	Y	N	X	-2
R-29A_D1_11-2022	11/02	11:50	G	W	2	Y	Y	X	-3
R-04_S2_11-2022	11/02	13:50	G	W	1	Y	N	X	-4
R-04_I2_11-2022	11/02	14:15	"	"	"	"	"	"	-5
R-925_11-2022	11/03	13:57							-6
R-25_11-2022	11/03	13:57							-7
R-929A_D1_11-2022	11/02	11:50	↓	↓	↓	↓	↓	↓	-8

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/9/22 14:53			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Marc	Company: EETA-PHX	Date/Time: 11-10-22 10:30

16.9°C - FE - ice

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193516-1

Login Number: 193516
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Anthony McGlown
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe NM 87502

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JOB DESCRIPTION

NRAP

JOB NUMBER

550-193520-1

Eurofins Phoenix
4625 East Cotton Center Boulevard
Suite #189
Phoenix AZ 85040

See page two for job notes and contact information.

myEOL

Eurofins Phoenix

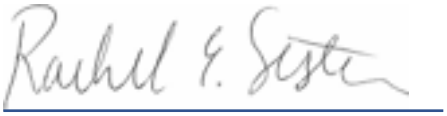
Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southwest, LLC Project Manager.

Authorization



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Authorized for release by
Rachel E Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
602 659-7615

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 550-193520-1
Project/Site: NRAP

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
550-193520-1

Comments
No additional comments.

Receipt
The samples were received on 11/10/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 16.4º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: R-08_I2_11-2022 (550-193520-1), R-08_I2_11-2022 (550-193520-1[MS]), R-08_I2_11-2022 (550-193520-1[MSD]), M-20_11-2022 (550-193520-2), R-24_11-2022 (550-193520-3), EX-13_11-2022 (550-193520-4), R-01_S2_11-2022 (550-193520-5), M-12_11-2022 (550-193520-6) and R-34_D2_11-2022 (550-193520-7). There was no cooling media present in the cooler. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis

Metals
Method 6020B: The following samples were diluted to bring the concentration of Manganese within the calibration range: R-24_11-2022 (550-193520-3) and EX-13_11-2022 (550-193520-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193520-1

Client Sample ID: R-08_I2_11-2022 — Lab Sample ID: 550-193520-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.022	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	3.4		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	2.7		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: M-20_11-2022 — Lab Sample ID: 550-193520-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.073	J	0.40	0.019	mg/L	1		6010B	Dissolved
Manganese	43		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-24_11-2022 — Lab Sample ID: 550-193520-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	8.7		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	2.4		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	2500		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: EX-13_11-2022 — Lab Sample ID: 550-193520-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	1.1		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	12		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	1600		25	2.6	ug/L	10		6020B	Dissolved

Client Sample ID: R-01_S2_11-2022 — Lab Sample ID: 550-193520-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	61		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: M-12_11-2022 — Lab Sample ID: 550-193520-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.90		0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	1.1		1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	22		2.5	0.26	ug/L	1		6020B	Dissolved

Client Sample ID: R-34_D2_11-2022 — Lab Sample ID: 550-193520-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.057	J	0.40	0.019	mg/L	1		6010B	Dissolved
Arsenic	0.93	J	1.0	0.25	ug/L	1		6020B	Dissolved
Manganese	7.9		2.5	0.26	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: R-08_I2_11-2022

Lab Sample ID: 550-193520-1

Date Collected: 11/03/22 12:00
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.022	J	0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:34	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:41	1
Manganese	2.7		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 09:06	1

Client Sample ID: M-20_11-2022

Lab Sample ID: 550-193520-2

Date Collected: 11/03/22 15:20
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.073	J	0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:43	1
Manganese	43		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 09:08	1

Client Sample ID: R-24_11-2022

Lab Sample ID: 550-193520-3

Date Collected: 11/03/22 14:30
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	8.7		0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:39	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:45	1
Manganese	2500		25	2.6	ug/L		11/14/22 06:21	11/22/22 09:10	10

Client Sample ID: EX-13_11-2022

Lab Sample ID: 550-193520-4

Date Collected: 11/03/22 13:45
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	1.1		0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:42	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:47	1
Manganese	1600		25	2.6	ug/L		11/14/22 06:21	11/22/22 09:12	10

Client Sample ID: R-01_S2_11-2022
Lab Sample ID: 550-193520-5

Date Collected: 11/04/22 10:08
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:45	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.7**		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:49	1
Manganese	**61**		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 09:14	1

Client Sample ID: M-12_11-2022
Lab Sample ID: 550-193520-6

Date Collected: 11/04/22 11:40
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.90**		0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:51	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.1**		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:51	1
Manganese	**22**		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 09:16	1

Client Sample ID: R-34_D2_11-2022
Lab Sample ID: 550-193520-7

Date Collected: 11/04/22 12:00
Matrix: Water
Date Received: 11/10/22 10:30

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.057**	**J**	0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:48	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.93**	**J**	1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:53	1
Manganese	**7.9**		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 09:19	1

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 550-193520-1
Project/Site: NRAP

Method: 6010B - Metals (ICP) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Iron	0.40	0.019	mg/L

Method: 6020B - Metals (ICP/MS) - Dissolved

Prep: 3005A

Analyte	RL	MDL	Units
Arsenic	1.0	0.25	ug/L
Manganese	2.5	0.26	ug/L

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 550-288414/1-A
Matrix: Water
Analysis Batch: 288652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.40	0.019	mg/L		11/10/22 20:04	11/14/22 19:17	1

Lab Sample ID: LCS 550-288414/2-A
Matrix: Water
Analysis Batch: 288652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.957		mg/L		96	85 - 112

Lab Sample ID: LCSD 550-288414/3-A
Matrix: Water
Analysis Batch: 288652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	1.00	1.01		mg/L		101	85 - 112	6	20

Lab Sample ID: 550-193520-1 MS
Matrix: Water
Analysis Batch: 288652

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.022	J	1.00	1.04		mg/L		102	75 - 125

Lab Sample ID: 550-193520-1 MSD
Matrix: Water
Analysis Batch: 288652

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.022	J	1.00	1.03		mg/L		101	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 550-288542/1-A
Matrix: Water
Analysis Batch: 288967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.25	ug/L		11/14/22 06:21	11/17/22 17:28	1

Lab Sample ID: MB 550-288542/1-A
Matrix: Water
Analysis Batch: 289254

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 288542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		2.5	0.26	ug/L		11/14/22 06:21	11/22/22 08:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 550-288542/2-A
Matrix: Water
Analysis Batch: 288967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			100	107		ug/L		107	80 - 120		

Lab Sample ID: LCS 550-288542/2-A
Matrix: Water
Analysis Batch: 289254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 288542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese			100	93.4		ug/L		93	80 - 120		

Lab Sample ID: LCSD 550-288542/3-A
Matrix: Water
Analysis Batch: 288967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			100	101		ug/L		101	80 - 120	5	20

Lab Sample ID: LCSD 550-288542/3-A
Matrix: Water
Analysis Batch: 289254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 288542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese			100	97.3		ug/L		97	80 - 120	4	20

Lab Sample ID: 550-193520-1 MS
Matrix: Water
Analysis Batch: 288967

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	3.4		100	110		ug/L		107	75 - 125		

Lab Sample ID: 550-193520-1 MS
Matrix: Water
Analysis Batch: 289254

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese	2.7		100	98.8		ug/L		96	75 - 125		

Lab Sample ID: 550-193520-1 MSD
Matrix: Water
Analysis Batch: 288967

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	3.4		100	108		ug/L		105	75 - 125	2	20

Lab Sample ID: 550-193520-1 MSD
Matrix: Water
Analysis Batch: 289254

Client Sample ID: R-08_I2_11-2022
Prep Type: Dissolved
Prep Batch: 288542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	2.7		100	92.4		ug/L		90	75 - 125	7	20

Metals

Prep Batch: 288414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-1	R-08_I2_11-2022	Dissolved	Water	3005A	
550-193520-2	M-20_11-2022	Dissolved	Water	3005A	
550-193520-3	R-24_11-2022	Dissolved	Water	3005A	
550-193520-4	EX-13_11-2022	Dissolved	Water	3005A	
550-193520-5	R-01_S2_11-2022	Dissolved	Water	3005A	
550-193520-6	M-12_11-2022	Dissolved	Water	3005A	
550-193520-7	R-34_D2_11-2022	Dissolved	Water	3005A	
MB 550-288414/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288414/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288414/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193520-1 MS	R-08_I2_11-2022	Dissolved	Water	3005A	
550-193520-1 MSD	R-08_I2_11-2022	Dissolved	Water	3005A	

Prep Batch: 288542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-1	R-08_I2_11-2022	Dissolved	Water	3005A	
550-193520-2	M-20_11-2022	Dissolved	Water	3005A	
550-193520-3	R-24_11-2022	Dissolved	Water	3005A	
550-193520-4	EX-13_11-2022	Dissolved	Water	3005A	
550-193520-5	R-01_S2_11-2022	Dissolved	Water	3005A	
550-193520-6	M-12_11-2022	Dissolved	Water	3005A	
550-193520-7	R-34_D2_11-2022	Dissolved	Water	3005A	
MB 550-288542/1-A	Method Blank	Total/NA	Water	3005A	
LCS 550-288542/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 550-288542/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
550-193520-1 MS	R-08_I2_11-2022	Dissolved	Water	3005A	
550-193520-1 MSD	R-08_I2_11-2022	Dissolved	Water	3005A	

Analysis Batch: 288652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-1	R-08_I2_11-2022	Dissolved	Water	6010B	288414
550-193520-2	M-20_11-2022	Dissolved	Water	6010B	288414
550-193520-3	R-24_11-2022	Dissolved	Water	6010B	288414
550-193520-4	EX-13_11-2022	Dissolved	Water	6010B	288414
550-193520-5	R-01_S2_11-2022	Dissolved	Water	6010B	288414
550-193520-6	M-12_11-2022	Dissolved	Water	6010B	288414
550-193520-7	R-34_D2_11-2022	Dissolved	Water	6010B	288414
MB 550-288414/1-A	Method Blank	Total/NA	Water	6010B	288414
LCS 550-288414/2-A	Lab Control Sample	Total/NA	Water	6010B	288414
LCSD 550-288414/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	288414
550-193520-1 MS	R-08_I2_11-2022	Dissolved	Water	6010B	288414
550-193520-1 MSD	R-08_I2_11-2022	Dissolved	Water	6010B	288414

Analysis Batch: 288967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-1	R-08_I2_11-2022	Dissolved	Water	6020B	288542
550-193520-2	M-20_11-2022	Dissolved	Water	6020B	288542
550-193520-3	R-24_11-2022	Dissolved	Water	6020B	288542
550-193520-4	EX-13_11-2022	Dissolved	Water	6020B	288542
550-193520-5	R-01_S2_11-2022	Dissolved	Water	6020B	288542
550-193520-6	M-12_11-2022	Dissolved	Water	6020B	288542

Metals (Continued)

Analysis Batch: 288967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-7	R-34_D2_11-2022	Dissolved	Water	6020B	288542
MB 550-288542/1-A	Method Blank	Total/NA	Water	6020B	288542
LCS 550-288542/2-A	Lab Control Sample	Total/NA	Water	6020B	288542
LCSD 550-288542/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288542
550-193520-1 MS	R-08_I2_11-2022	Dissolved	Water	6020B	288542
550-193520-1 MSD	R-08_I2_11-2022	Dissolved	Water	6020B	288542

Analysis Batch: 289254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-193520-1	R-08_I2_11-2022	Dissolved	Water	6020B	288542
550-193520-2	M-20_11-2022	Dissolved	Water	6020B	288542
550-193520-3	R-24_11-2022	Dissolved	Water	6020B	288542
550-193520-4	EX-13_11-2022	Dissolved	Water	6020B	288542
550-193520-5	R-01_S2_11-2022	Dissolved	Water	6020B	288542
550-193520-6	M-12_11-2022	Dissolved	Water	6020B	288542
550-193520-7	R-34_D2_11-2022	Dissolved	Water	6020B	288542
MB 550-288542/1-A	Method Blank	Total/NA	Water	6020B	288542
LCS 550-288542/2-A	Lab Control Sample	Total/NA	Water	6020B	288542
LCSD 550-288542/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	288542
550-193520-1 MS	R-08_I2_11-2022	Dissolved	Water	6020B	288542
550-193520-1 MSD	R-08_I2_11-2022	Dissolved	Water	6020B	288542

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193520-1

Client Sample ID: R-08_I2_11-2022
Date Collected: 11/03/22 12:00
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:34
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:41
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	289254	ARE	EET PHX	11/22/22 09:06

Client Sample ID: M-20_11-2022
Date Collected: 11/03/22 15:20
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:37
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:43
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	289254	ARE	EET PHX	11/22/22 09:08

Client Sample ID: R-24_11-2022
Date Collected: 11/03/22 14:30
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:39
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:45
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		10	289254	ARE	EET PHX	11/22/22 09:10

Client Sample ID: EX-13_11-2022
Date Collected: 11/03/22 13:45
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:42
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:47
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		10	289254	ARE	EET PHX	11/22/22 09:12

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193520-1

Client Sample ID: R-01_S2_11-2022

Date Collected: 11/04/22 10:08
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:45
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:49
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	289254	ARE	EET PHX	11/22/22 09:14

Client Sample ID: M-12_11-2022

Date Collected: 11/04/22 11:40
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:51
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:51
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	289254	ARE	EET PHX	11/22/22 09:16

Client Sample ID: R-34_D2_11-2022

Date Collected: 11/04/22 12:00
Date Received: 11/10/22 10:30

Lab Sample ID: 550-193520-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			288414	ABA	EET PHX	11/10/22 20:04
Dissolved	Analysis	6010B		1	288652	CHS	EET PHX	11/14/22 19:48
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	288967	ARE	EET PHX	11/17/22 17:53
Dissolved	Prep	3005A			288542	SGO	EET PHX	11/14/22 06:21
Dissolved	Analysis	6020B		1	289254	ARE	EET PHX	11/22/22 09:19

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 550-193520-1
Project/Site: NRAP

Laboratory: Eurofins Phoenix

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-23
California	State	2941	03-09-23
Nevada	State	AZ1030	07-31-23
Oregon	NELAP	AZ100001	03-09-23
USDA	US Federal Programs	P330-19-00227	08-27-22 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New Mexico Environment Department
Job ID: 550-193520-1
Project/Site: NRAP

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET PHX
6020B	Metals (ICP/MS)	SW846	EET PHX
3005A	Preparation, Total Metals	SW846	EET PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Sample Summary

Client: New Mexico Environment Department
Project/Site: NRAP

Job ID: 550-193520-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-193520-1	R-08_I2_11-2022	Water	11/03/22 12:00	11/10/22 10:30
550-193520-2	M-20_11-2022	Water	11/03/22 15:20	11/10/22 10:30
550-193520-3	R-24_11-2022	Water	11/03/22 14:30	11/10/22 10:30
550-193520-4	EX-13_11-2022	Water	11/03/22 13:45	11/10/22 10:30
550-193520-5	R-01_S2_11-2022	Water	11/04/22 10:08	11/10/22 10:30
550-193520-6	M-12_11-2022	Water	11/04/22 11:40	11/10/22 10:30
550-193520-7	R-34_D2_11-2022	Water	11/04/22 12:00	11/10/22 10:30

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
6020B_ICVL_00040	11/30/22	07/18/22	5%Nitric/5%HCl, Lot NA	500 mL	200.8 CRI_LL_00033	5 mL	Arsenic	1 ug/L
							Manganese	0.5 ug/L
.200.8 CRI_LL_00033	11/30/22	High Purity Standards, Lot 2213133-250			(Purchased Reagent)		Arsenic	100 ug/L
							Manganese	50 ug/L
MI3_ICSA_00092	06/30/23	06/28/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
MI3_ICSAB_00115	12/22/22	06/17/22	5%Nitric/5%HCl, Lot NA	1000 mL	MI3_B_3*_00010	1 mL	B	1 ug/mL
					MI3_C-1_00021	20 mL	Al	100 ug/mL
							Ca	100 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							K	100 ug/mL
							Mg	100 ug/mL
							Na	100 ug/mL
					MI3_Ga_1*_00013	1 mL	Ga	1 ug/mL
					MI3_ICV/CCV-B_00018	10 mL	Ag	1 ug/mL
							Arsenic	1 ug/mL
							Ba	1 ug/mL
							Be	1 ug/mL
							Bi	1 ug/mL
							Cd	1 ug/mL
							Co	1 ug/mL
							Cr	1 ug/mL
							Cu	1 ug/mL
							Manganese	1 ug/mL
							Ni	1 ug/mL
							Pb	1 ug/mL
							Se	1 ug/mL
							Sr	1 ug/mL
							Tl	1 ug/mL
							U	1 ug/mL
							V	1 ug/mL
							Zn	1 ug/mL
					MI3_In_1*_00013	1 mL	In	1 ug/mL
					MI3_Li_CPI_00005	1 mL	Li	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MI3_Mo_3*_00004	1 mL	Mo	1 ug/mL
					MI3_P_2*_00014	1 mL	P	10 ug/mL
					MI3_S_3*_00007	1 mL	Sulfur	1 ug/mL
					MI3_Sb_3*_00005	1 mL	Sb	1 ug/mL
					MI3_Sc_1*_00012	1 mL	Sc	1 ug/mL
					MI3_Si_2*_00013	1 mL	Si	10 ug/mL
					MI3_Sn_3*_00004	1 mL	Sn	1 ug/mL
					MI3_Th_2*_00003	1 mL	Th	1 ug/mL
					MI3_Ti_3*_00004	1 mL	Ti	1 ug/mL
					MI3_W_1*_00004	1 mL	W	1 ug/mL
					MI3_Zr_2*_00003	1 mL	Zr	1 ug/mL
.MI3_B_3*_00010	03/17/23	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_C-1_00021	06/30/23	High-Purity, Lot 2215942-500			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe2O3	7150 mg/L
							Iron	5000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
.MI3_Ga_1*_00013	06/30/23	CPI International, Lot 1132962-5			(Purchased Reagent)		Ga	1000 ug/mL
.MI3_ICV/CCV-B_00018	06/17/23	Inorganic Ventures, Lot T2-MEB720021			(Purchased Reagent)		Ag	100 ug/mL
							Arsenic	100 ug/mL
							Ba	100 ug/mL
							Be	100 ug/mL
							Bi	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							Manganese	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Se	100 ug/mL
							Sr	100 ug/mL
							Tl	100 ug/mL
							U	100 ug/mL
							V	100 ug/mL
							Zn	100 ug/mL
.MI3_In_1*_00013	03/17/23	CPI, Lot 1122330-8			(Purchased Reagent)		In	1000 ug/mL
.MI3_Li_CPI_00005	08/08/23	CPI, Lot 1084156			(Purchased Reagent)		Li	1000 ug/mL
.MI3_Mo_3*_00004	04/22/23	CPI, Lot 1138256-5			(Purchased Reagent)		Mo	1000 ug/mL
.MI3_P_2*_00014	05/15/23	CPI, Lot 1079898-14			(Purchased Reagent)		P	10000 ug/mL
.MI3_S_3*_00007	11/30/23	CPI, Lot 711593048B			(Purchased Reagent)		Sulfur	1000 ug/mL
.MI3_Sb_3*_00005	11/26/23	CPI, Lot 1129139-4			(Purchased Reagent)		Sb	1000 ug/mL
.MI3_Sc_1*_00012	12/22/22	CPI International, Lot 1086453-15			(Purchased Reagent)		Sc	1000 ug/mL
.MI3_Si_2*_00013	03/13/23	CPI, Lot 1094765-27			(Purchased Reagent)		Si	10000 ug/mL
.MI3_Sn_3*_00004	06/17/23	CPI, Lot 1131598-2			(Purchased Reagent)		Sn	1000 ug/mL
.MI3_Th_2*_00003	05/15/23	CPI, Lot 1114190-9			(Purchased Reagent)		Th	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MI3_Ti_3*_00004	03/17/23	CPI, Lot 1130645-9			(Purchased Reagent)		Ti	1000 ug/mL
.MI3_W_1*_00004	06/17/23	CPI, Lot 1146089-18			(Purchased Reagent)		W	1000 ug/mL
.MI3_Zr_2*_00003	04/22/23	CPI, Lot 1097984-16			(Purchased Reagent)		Zr	1000 ug/mL
MI3_ICV/CCV_00181	03/13/23	08/18/22	5%Nitric/5%HCl, Lot NA	2000 mL	MI3_ICV/CCV-A_00017	20 mL	Iron	10 ug/mL
.MI3_ICV/CCV-A_00017	03/25/23	Inorganic Ventures, Lot T2-MEB716560			(Purchased Reagent)		Iron	1000 ug/mL
MI3_PREP SPK_00179	11/20/22	08/05/22	2% Nitric Acid, Lot NA	250 mL	MI3_Ag_2*_00001	2.5 mL	Ag	10 ug/mL
					MI3_B_3*_00008	2.5 mL	B	10 ug/mL
					MI3_Zn_2*_00002	2.5 mL	Zn	10 ug/mL
					MM-CalStdMix_00053	25 mL	Arsenic	10 ug/mL
							Ba	10 ug/mL
							Be	10 ug/mL
							Cd	10 ug/mL
							Co	10 ug/mL
							Cr	10 ug/mL
							Cu	10 ug/mL
							Li	10 ug/mL
							Manganese	10 ug/mL
							Mo	10 ug/mL
							Ni	10 ug/mL
							Pb	10 ug/mL
							Sb	10 ug/mL
							Se	10 ug/mL
							Si	100 ug/mL
							Sn	10 ug/mL
							Sr	10 ug/mL
							Ti	10 ug/mL
							Tl	10 ug/mL
							V	10 ug/mL
					MM-CalStdMix_00054	2.5 mL	Al	20 ug/mL
							Ca	20 ug/mL
							Iron	20 ug/mL
							K	20 ug/mL
							Mg	20 ug/mL
							Na	20 ug/mL
					MM-CalStdMix_00055	25 mL	P	100 ug/mL
							Sulfur	100 ug/mL
							U	10 ug/mL
							W	10 ug/mL
.MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
.MI3_B_3*_00008	11/20/22	CPI, Lot 1101946-33			(Purchased Reagent)		B	1000 ug/mL
.MI3_Zn_2*_00002	07/21/23	CPI, Lot 711539438-1			(Purchased Reagent)		Zn	1000 ug/mL
.MM-CalStdMix_00053	11/26/23	CPI, Lot 1217102-1			(Purchased Reagent)		Arsenic	100 mg/L
							Ba	100 mg/L
							Be	100 mg/L
							Cd	100 mg/L
							Co	100 mg/L
							Cr	100 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cu	100 mg/L
							Li	100 mg/L
							Manganese	100 mg/L
							Mo	100 mg/L
							Ni	100 mg/L
							Pb	100 mg/L
							Sb	100 mg/L
							Se	100 mg/L
							Si	1000 mg/L
							Sn	100 mg/L
							Sr	100 mg/L
							Ti	100 mg/L
							Tl	100 mg/L
							V	100 mg/L
.MM-CalStdMix_00054	11/26/23		CPI, Lot 1213500-1		(Purchased Reagent)		Al	2000 mg/L
							Ca	2000 mg/L
							Iron	2000 mg/L
							K	2000 mg/L
							Mg	2000 mg/L
							Na	2000 mg/L
.MM-CalStdMix_00055	06/07/23		CPI, Lot 1210300-1		(Purchased Reagent)		P	1000 mg/L
							Sulfur	1000 mg/L
							U	100 mg/L
							W	100 mg/L
MI3_PREP SPK_00196	08/15/23	11/09/22	5%Nitric/5%HCl, Lot NA	1 mL	MI3_SPIKE D_00076	1 mL	Ag	7.5 ug/mL
							Nitric acid	500 ug/mL
					MI3_Spike_B_00009	1 mL	Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2100 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2100 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
					MI3_SpikeA_00008	1 mL	Be	100 ug/mL
							Bi	100 ug/mL
							Ca	2100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Li	100 ug/mL
							Manganese	100 ug/mL
							Mg	2100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
					MI3_SPKC_TEMP_00014	1 mL	Arsenic	100 ug/mL
							Sulfur	100 ug/mL
.MI3_SPIKE D_00076	08/15/23	07/29/22	5% Nitric Acid, Lot NA	500 mL	MI3_Ag_2*_00001	3.75 mL	Ag	7.5 ug/mL
					MP_HNO3_conc._00615	25 mL	Nitric acid	500 ug/mL
..MI3_Ag_2*_00001	08/15/23	CPI, Lot 1221077-1			(Purchased Reagent)		Ag	1000 ug/mL
..MP_HNO3_conc._00615	11/01/23	Macron, Lot 185595			(Purchased Reagent)		Nitric acid	1 %
.MI3_Spike_B_00009	11/30/23	CPI, Lot 1274035			(Purchased Reagent)		Al	2000 ug/mL
							B	100 ug/mL
							Ba	100 ug/mL
							Ca	2000 ug/mL
							Calcium Oxide	2798 ug/mL
							K	2000 ug/mL
							Magnesium Oxide	3316 ug/mL
							Mg	2000 ug/mL
							Na	2000 ug/mL
							Sodium Hydroxide	3480 ug/mL
							Zr	100 ug/mL
.MI3_SpikeA_00008	11/30/23	CPI, Lot 1269667-1			(Purchased Reagent)		Be	100 ug/mL
							Bi	100 ug/mL
							Ca	100 ug/mL
							Cd	100 ug/mL
							Co	100 ug/mL
							Cr	100 ug/mL
							Cu	100 ug/mL
							CuO	125 ug/mL
							Fe2O3	143 ug/mL
							Iron	100 ug/mL
							Li	100 ug/mL
							Manganese	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Mg	100 ug/mL
							Mo	100 ug/mL
							Ni	100 ug/mL
							Pb	100 ug/mL
							Sb	100 ug/mL
							Se	100 ug/mL
							Si	500 ug/mL
							SiO2	1070 ug/mL
							Sn	100 ug/mL
							Sr	100 ug/mL
							Ti	100 ug/mL
							TiO2	167 ug/mL
							Tl	100 ug/mL
							V	100 ug/mL
							W	100 ug/mL
							Zn	100 ug/mL
							ZnO	125 ug/mL
.MI3_SPKC_TEMP_00014	11/30/23	09/16/22	5%Nitric/5%HCl, Lot NA	100 mL	MI3_As_2*_00002	10 mL	Arsenic	100 ug/mL
					MI3_S_3*_00007	10 mL	Sulfur	100 ug/mL
..MI3_As_2*_00002	11/30/23	CPI, Lot 711593048A-1			(Purchased Reagent)		Arsenic	1000 ug/mL
..MI3_S_3*_00007	11/30/23	CPI, Lot 711593048B			(Purchased Reagent)		Sulfur	1000 ug/mL
MM-Agt-IC1_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC1_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.1 mL	Arsenic	0.1 ug/L
							Manganese	0.1 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23	CPI, Lot 1448545-1			(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC2_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	0.5 mL	Arsenic	0.5 ug/L
							Manganese	0.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC3_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	2.5 mL	Arsenic	2.5 ug/L
							Manganese	2.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00054	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC4_00055	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	12.5 mL	Arsenic	12.5 ug/L
							Manganese	12.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC5_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	62.5 mL	Arsenic	62.5 ug/L
							Manganese	62.5 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00056	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	150 mL	Arsenic	150 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Manganese	150 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-Agt-IC6_00057	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	150 mL	Arsenic	150 ug/L
							Manganese	150 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00051	11/20/22	07/11/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00019	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00019	11/20/22	07/11/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC5 Agt_00052	01/14/23	11/21/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MI3_CAL 1PPM_00021	100 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MI3_CAL 1PPM_00021	01/14/23	11/21/22	2% Nitric Acid, Lot NA	1000 mL	MM-CalStdMix_00050	10 mL	Arsenic	1 mg/L
							Manganese	1 mg/L
..MM-CalStdMix_00050	06/07/23		CPI, Lot 1448545-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-IC7 Agt SP_00056	03/17/23	08/12/22	2%Nitric/2%HCl, Lot L10022/0000024317	1000 mL	MM-CalStdMix_00053	1 mL	Arsenic	100 ug/L
							Manganese	100 ug/L
.MM-CalStdMix_00053	11/26/23		CPI, Lot 1217102-1		(Purchased Reagent)		Arsenic	100 mg/L
							Manganese	100 mg/L
MM-ICSA_00017	07/20/23	08/01/22	2%Nitric/1%HCl, Lot F2-MEB418129	50 mL	MM-ICSA_00015	5 mL	Iron	100000 ug/L
.MM-ICSA_00015	08/08/23		CPI, Lot 1208135-1		(Purchased Reagent)		Iron	1000 mg/L

METALS

COVER PAGE
METALS

Lab Name: Eurofins Phoenix Job Number: 550-193520-1

SDG No.:

Project: NRAP

Client Sample ID	Lab Sample ID
R-08_I2_11-2022	550-193520-1
M-20_11-2022	550-193520-2
R-24_11-2022	550-193520-3
EX-13_11-2022	550-193520-4
R-01_S2_11-2022	550-193520-5
M-12_11-2022	550-193520-6
R-34_D2_11-2022	550-193520-7

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-08_I2_11-2022 Lab Sample ID: 550-193520-1

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 12:00

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.022	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	3.4	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	2.7	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: M-20_11-2022 Lab Sample ID: 550-193520-2

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 15:20

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.073	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	ND	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	43	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-24_11-2022 Lab Sample ID: 550-193520-3

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 14:30

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	8.7	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	2.4	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	2500	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: EX-13_11-2022 Lab Sample ID: 550-193520-4

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/03/2022 13:45

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1.1	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	12	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	1600	25	2.6	ug/L			10	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-01_S2_11-2022 Lab Sample ID: 550-193520-5

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/04/2022 10:08

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	ND	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	3.7	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	61	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: M-12_11-2022 Lab Sample ID: 550-193520-6

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/04/2022 11:40

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.90	0.40	0.019	mg/L			1	6010B
7440-38-2	Arsenic	1.1	1.0	0.25	ug/L			1	6020B
7439-96-5	Manganese	22	2.5	0.26	ug/L			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: R-34_D2_11-2022 Lab Sample ID: 550-193520-7

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG ID.:

Matrix: Water Date Sampled: 11/04/2022 12:00

Reporting Basis: WET Date Received: 11/10/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	0.057	0.40	0.019	mg/L	J		1	6010B
7440-38-2	Arsenic	0.93	1.0	0.25	ug/L	J		1	6020B
7439-96-5	Manganese	7.9	2.5	0.26	ug/L			1	6020B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

ICV Source: MI3_ICV/CCV_00181 Concentration Units: mg/L

CCV Source: MI3_ICV/CCV_00181

Analyte	ICV 550-288652/9 11/14/2022 10:41				CCV 550-288652/13 11/14/2022 19:11				CCV 550-288652/28 11/14/2022 19:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	10.0		10.0	100	9.99		10.0	100	10.1		10.0	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICV 550-288967/8 11/17/2022 14:25				CCV 550-288967/14 11/17/2022 17:24				CCV 550-288967/29 11/17/2022 17:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	100		100	100	103		100	103	101		100	101
Manganese	100		100	100	101		100	101	99.9		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00051

Analyte	ICVL 550-288967/11 11/17/2022 14:36				CCV 550-288967/14 11/17/2022 17:24				CCV 550-288967/29 11/17/2022 17:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1.19		1.00	119	103		100	103	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

ICV Source: MM-IC7 Agt SP_00056 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICV 550-289254/8 11/21/2022 12:45				CCV 550-289254/14 11/22/2022 08:49				CCV 550-289254/29 11/22/2022 09:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	99.1		100	99	95.2		100	95	98.3		100	98
Arsenic	97.1		100	97	103		100	103	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

ICV Source: 6020B_ICVL_00040 Concentration Units: ug/L

CCV Source: MM-IC5 Agt_00052

Analyte	ICVL 550-289254/12 11/21/2022 13:06				CCV 550-289254/14 11/22/2022 08:49				CCV 550-289254/29 11/22/2022 09:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	0.523	J	0.500	105	95.2		100	95	98.3		100	98
Arsenic	1.01		1.00	101	103		100	103	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 550-288652/1 11/14/2022 10:18		ICB 550-288652/10 11/14/2022 10:59		CCB 550-288652/14 11/14/2022 19:14		CCB 550-288652/29 11/14/2022 19:56	
		Found	C	Found	C	Found	C	Found	C
Iron	0.40	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-288967/10 11/17/2022 14:32		CCB 550-288967/15 11/17/2022 17:26		CCB 550-288967/30 11/17/2022 17:57			
		Found	C	Found	C	Found	C	Found	C
Arsenic	1.0	ND		ND		ND			
Manganese	2.5	ND		ND		ND			

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 550-289254/10 11/21/2022 12:57		CCB 550-289254/15 11/22/2022 08:52		CCB 550-289254/30 11/22/2022 09:23			
		Found	C	Found	C	Found	C	Found	C
Manganese	2.5	ND		ND		ND			
Arsenic	1.0	ND		0.271	J	ND			

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 550-288414/1-A

Instrument Code: ICP04 Batch No.: 288652

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	ND			6010B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288542/1-A

Instrument Code: ICPMS03 Batch No.: 288967

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 550-288542/1-A

Instrument Code: ICPMS03 Batch No.: 289254

CAS No.	Analyte	Concentration	C	Q	Method
7439-96-5	Manganese	ND			6020B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Lab Sample ID: ICSA 550-288652/11 Instrument ID: ICP04

Lab File ID: 220114002J.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**100**	**99.8**	**100**
Aluminum	*100*	*99.5*	*99*
Antimony		*-0.0031*	
Arsenic		*-0.0018*	
Barium		*-0.0004*	
Beryllium		*-0.0003*	
Bismuth		*-0.0064*	
Boron		*-0.0020*	
Cadmium		*-0.0011*	
Calcium	*100*	*99.2*	*99*
Chromium		*-0.0021*	
Cobalt		*0.0007*	
Copper		*-0.0019*	
Fe2O3	*143*	*143*	*100*
Gallium		*-0.0142*	
Indium		*-0.0062*	
Lead		*-0.0073*	
Lithium		*0.0043*	
Magnesium	*100*	*100*	*100*
Manganese		*-0.0002*	
Molybdenum		*-0.0054*	
Nickel		*-0.0009*	
Phosphorus		*-0.0200*	
Potassium	*100*	*104*	*104*
Scandium		*0.0000*	
Selenium		*0.0062*	
Silicon		*-0.0014*	
Silver		*-0.0022*	
Sodium	*100*	*99.8*	*100*
Strontium		*0.0100*	
Sulfur		*-0.102*	
Th		*0.0148*	
Thallium		*0.0056*	
Tin		*-0.0021*	
Titanium		*-0.0008*	
U		*-0.0044*	
Vanadium		*0.0019*	
W		*-0.0030*	
Zinc		*-0.0035*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Lab Sample ID: ICSA 550-288652/11 Instrument ID: ICP04

Lab File ID: 220114002J.csv ICS Source: MI3_ICSA_00092

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Zr		*-0.0001*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Lab Sample ID: ICSAB 550-288652/12 Instrument ID: ICP04

Lab File ID: 220114002J.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Iron	**100**	**96.2**	**96**
Aluminum	*100*	*95.5*	*95*
Antimony	*1.00*	*0.999*	*100*
Arsenic	*1.00*	*0.989*	*99*
Barium	*1.00*	*0.982*	*98*
Beryllium	*1.00*	*0.992*	*99*
Bismuth	*1.00*	*0.945*	*94*
Boron	*1.00*	*1.03*	*103*
Cadmium	*1.00*	*0.979*	*98*
Calcium	*100*	*95.2*	*95*
Chromium	*1.00*	*0.952*	*95*
Cobalt	*1.00*	*0.960*	*96*
Copper	*1.00*	*1.02*	*102*
Fe2O3	*143*	*138*	*96*
Gallium	*1.00*	*0.979*	*98*
Indium	*1.00*	*0.977*	*98*
Lead	*1.00*	*0.955*	*95*
Lithium	*1.00*	*1.13*	*113*
Magnesium	*100*	*95.9*	*96*
Manganese	*1.00*	*0.974*	*97*
Molybdenum	*1.00*	*0.996*	*100*
Nickel	*1.00*	*0.969*	*97*
Phosphorus	*10.0*	*10.0*	*100*
Potassium	*100*	*100*	*100*
Scandium	*1.00*	*1.03*	*103*
Selenium	*1.00*	*1.04*	*104*
Silicon	*10.0*	*10.0*	*100*
Silver	*1.00*	*0.974*	*97*
Sodium	*100*	*96.2*	*96*
Strontium	*1.00*	*0.908*	*91*
Sulfur	*1.00*	*0.902*	*90*
Th	*1.00*	*1.00*	*100*
Thallium	*1.00*	*0.972*	*97*
Tin	*1.00*	*0.974*	*97*
Titanium	*1.00*	*1.01*	*101*
U	*1.00*	*0.955*	*96*
Vanadium	*1.00*	*0.985*	*99*
W	*1.00*	*0.943*	*94*
Zinc	*1.00*	*0.945*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Lab Sample ID: ICSAB 550-288652/12 Instrument ID: ICP04

Lab File ID: 220114002J.csv ICS Source: MI3_ICSAB_00115

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Zr	*1.00*	*0.975*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Lab Sample ID: ICSA 550-289254/13 Instrument ID: ICPMS03

Lab File ID: 016ICSA.d ICS Source: MM-ICSA_00017

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Manganese		**0.433**	
Antimony		*0.111*	
Arsenic		*0.184*	
Barium		*3.90*	
Beryllium		*-0.0430*	
Cadmium		*0.124*	
Chromium		*0.911*	
Cobalt		*0.348*	
Copper		*0.788*	
Iron	*100000*	*116339*	*116*
Lead		*0.244*	
Li		*0.845*	
Nickel		*1.19*	
Selenium		*-0.0570*	
Silver		*0.107*	
Thallium		*0.0010*	
Uranium		*0.0150*	
Vanadium		*0.684*	
Zinc		*1.10*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 MS
Lab ID: 550-193520-1 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193520-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1.04		0.022	J	1.00	102	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 MS
Lab ID: 550-193520-1 MS
Lab Name: Eurofins Phoenix
Job No.: 550-193520-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR C		Sample Result (SR) C		Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	110		3.4		100	107	75-125		6020B
Manganese	98.8		2.7		100	96	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 MSD
Lab ID: 550-193520-1 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193520-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	1.03		1.00	101	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 MSD
Lab ID: 550-193520-1 MSD
Lab Name: Eurofins Phoenix
Job No.: 550-193520-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	108		100	105	75-125	2	20		6020B
Manganese	92.4		100	90	75-125	7	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 PDS | Lab ID: 550-193520-1 PDS

Lab Name: Eurofins Phoenix | Job No.: 550-193520-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1.03		0.022	J	1.00	101	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: R-08_I2_11-2022 PDS | Lab ID: 550-193520-1 PDS

Lab Name: Eurofins Phoenix | Job No.: 550-193520-1

SDG No.:

Matrix: Water | Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	105		3.4		100	102	75-125		6020B
Manganese	95.3		2.7		100	93	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288414/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1.00	0.957		96	85	112		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288414/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00196

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	1.01		1.00	101	85-112	6	20		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288542/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	100	107		107	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288542/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	101		100	101	80-120	5	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 550-288542/2-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Manganese	100	93.4		93	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 550-288542/3-A

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

Sample Matrix: Water LCS Source: MI3_PREP SPK_00179

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Manganese	97.3		100	97	80-120	4	20		6020B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193520-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B MDL Date: 10/14/2020 16:41

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Iron		0.4	0.0189768

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193520-1

SDG Number:

Matrix: Water Instrument ID: ICP04

Method: 6010B XMDL Date: 10/14/2020 16:44

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Iron		0.4	0.0189768

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193520-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B MDL Date: 08/12/2015 13:37

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Phoenix Job Number: 550-193520-1

SDG Number:

Matrix: Water Instrument ID: ICPMS03

Method: 6020B XMDL Date: 10/27/2022 16:27

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic	75	1	0.246839
Manganese	55	2.5	0.258437

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193520-1

SDG No.:

Instrument ID: ICP04 Date: 09/29/2020 12:30

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Iron		500	6010B

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Phoenix Job No: 550-193520-1

SDG No.:

Instrument ID: ICPMS03 Date: 10/30/2015 13:39

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		900	6020B
Manganese		900	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288414/1-A	11/10/2022 20:04	288414		50	50
LCS 550-288414/2-A	11/10/2022 20:04	288414		50	50
LCSD 550-288414/3-A	11/10/2022 20:04	288414		50	50
550-193520-1 MS	11/10/2022 20:04	288414		50	50
550-193520-1 MSD	11/10/2022 20:04	288414		50	50
550-193520-1	11/10/2022 20:04	288414		50	50
550-193520-2	11/10/2022 20:04	288414		50	50
550-193520-3	11/10/2022 20:04	288414		50	50
550-193520-4	11/10/2022 20:04	288414		50	50
550-193520-5	11/10/2022 20:04	288414		50	50
550-193520-7	11/10/2022 20:04	288414		50	50
550-193520-6	11/10/2022 20:04	288414		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 550-288542/1-A	11/14/2022 06:21	288542		50	50
LCS 550-288542/2-A	11/14/2022 06:21	288542		50	50
LCSD 550-288542/3-A	11/14/2022 06:21	288542		50	50
550-193520-1 MS	11/14/2022 06:21	288542		50	50
550-193520-1 MSD	11/14/2022 06:21	288542		50	50
550-193520-1	11/14/2022 06:21	288542		50	50
550-193520-2	11/14/2022 06:21	288542		50	50
550-193520-3	11/14/2022 06:21	288542		50	50
550-193520-4	11/14/2022 06:21	288542		50	50
550-193520-5	11/14/2022 06:21	288542		50	50
550-193520-6	11/14/2022 06:21	288542		50	50
550-193520-7	11/14/2022 06:21	288542		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Instrument ID: ICP04 Analysis Method: 6010B

Start Date: 11/14/2022 10:18 End Date: 11/14/2022 19:56

Lab Sample Id	D/F	Type	Time	Analytes																								
				Fe																								
ICBIS 550-288652/1	1		10:18	X																								
IC 550-288652/2			10:21	X																								
IC 550-288652/3			10:24	X																								
IC 550-288652/4			10:26	X																								
IC 550-288652/5			10:29	X																								
IC 550-288652/6			10:32	X																								
IC 550-288652/7			10:35	X																								
IC 550-288652/8			10:38	X																								
ICV 550-288652/9	1		10:41	X																								
ICB 550-288652/10	1		10:59	X																								
ICSA 550-288652/11	1		11:04	X																								
ICSAB 550-288652/12	1		11:14	X																								
CCV 550-288652/13	1		19:11	X																								
CCB 550-288652/14	1		19:14	X																								
MB 550-288414/1-A	1	T	19:17	X																								
LCS 550-288414/2-A	1	T	19:20	X																								
LCSD 550-288414/3-A	1	T	19:22	X																								
550-193520-1 MS	1	D	19:25	X																								
550-193520-1 MSD	1	D	19:28	X																								
550-193520-1 PDS	1	D	19:31	X																								
550-193520-1	1	D	19:34	X																								
550-193520-2	1	D	19:37	X																								
550-193520-3	1	D	19:39	X																								
550-193520-4	1	D	19:42	X																								
550-193520-5	1	D	19:45	X																								
550-193520-7	1	D	19:48	X																								
550-193520-6	1	D	19:51	X																								
CCV 550-288652/28	1		19:54	X																								
CCB 550-288652/29	1		19:56	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/17/2022 14:09 End Date: 11/17/2022 17:57

Lab Sample Id	D/F	Type	Time	Analytes																								
				As																								
ICB 550-288967/1			14:09																									
IC 550-288967/2	1		14:12	X																								
IC 550-288967/3	1		14:14	X																								
IC 550-288967/4	1		14:16	X																								
IC 550-288967/5	1		14:18	X																								
IC 550-288967/6	1		14:20	X																								
IC 550-288967/7	1		14:22	X																								
ICV 550-288967/8	1		14:25	X																								
ICB 550-288967/9			14:30																									
ICB 550-288967/10	1		14:32	X																								
ICVL 550-288967/11	1		14:36	X																								
ICSA 550-288967/12	1		14:38	X																								
ZZZZZZ			14:51																									
CCV 550-288967/14	1		17:24	X																								
CCB 550-288967/15	1		17:26	X																								
MB 550-288542/1-A	1	T	17:28	X																								
LCS 550-288542/2-A	1	T	17:30	X																								
LCSD 550-288542/3-A	1	T	17:32	X																								
550-193520-1 MS	1	D	17:35	X																								
550-193520-1 MSD	1	D	17:37	X																								
550-193520-1 PDS	1	D	17:39	X																								
550-193520-1	1	D	17:41	X																								
550-193520-2	1	D	17:43	X																								
550-193520-3	1	D	17:45	X																								
550-193520-4	1	D	17:47	X																								
550-193520-5	1	D	17:49	X																								
550-193520-6	1	D	17:51	X																								
550-193520-7	1	D	17:53	X																								
CCV 550-288967/29	1		17:55	X																								
CCB 550-288967/30	1		17:57	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Instrument ID: ICPMS03 Analysis Method: 6020B

Start Date: 11/21/2022 12:30 End Date: 11/22/2022 09:23

Lab Sample Id	D/F	Type	Time	Analytes																								
				Mn																								
ICB 550-289254/1			12:30																									
IC 550-289254/2	1		12:32	X																								
IC 550-289254/3	1		12:34	X																								
IC 550-289254/4	1		12:36	X																								
IC 550-289254/5	1		12:39	X																								
IC 550-289254/6	1		12:41	X																								
IC 550-289254/7	1		12:43	X																								
ICV 550-289254/8	1		12:45	X																								
ICB 550-289254/9			12:55																									
ICB 550-289254/10	1		12:57	X																								
ICVL 550-289254/11			12:59																									
ICVL 550-289254/12	1		13:06	X																								
ICSA 550-289254/13	1		13:08	X																								
CCV 550-289254/14	1		08:49	X																								
CCB 550-289254/15	1		08:52	X																								
MB 550-288542/1-A	1	T	08:54	X																								
LCS 550-288542/2-A	1	T	08:56	X																								
LCSD 550-288542/3-A	1	T	08:58	X																								
550-193520-1 MS	1	D	09:00	X																								
550-193520-1 MSD	1	D	09:02	X																								
550-193520-1 PDS	1	D	09:04	X																								
550-193520-1	1	D	09:06	X																								
550-193520-2	1	D	09:08	X																								
550-193520-3	10	D	09:10	X																								
550-193520-4	10	D	09:12	X																								
550-193520-5	1	D	09:14	X																								
550-193520-6	1	D	09:16	X																								
550-193520-7	1	D	09:19	X																								
CCV 550-289254/29	1		09:21	X																								
CCB 550-289254/30	1		09:23	X																								

Prep Types:
D = Dissolved
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 288652

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Y 360.074	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICBIS 550-288652/1	10:18										
ICV 550-288652/9	10:41	99									
ICB 550-288652/10	10:59										
ICSA 550-288652/11	11:04	93									
ICSAB 550-288652/12	11:14	93									
CCV 550-288652/13	19:11	102									
CCB 550-288652/14	19:14	104									
MB 550-288414/1-A	19:17	109									
LCS 550-288414/2-A	19:20	103									
LCSD 550-288414/3-A	19:22	103									
550-193520-1 MS	19:25	100									
550-193520-1 MSD	19:28	100									
550-193520-1 PDS	19:31	99									
550-193520-1	19:34	101									
550-193520-2	19:37	100									
550-193520-3	19:39	101									
550-193520-4	19:42	101									
550-193520-5	19:45	101									
550-193520-7	19:48	102									
550-193520-6	19:51	101									
CCV 550-288652/28	19:54	103									
CCB 550-288652/29	19:56	104									

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 288652

ICP Instrument ID: ICP04 Start Date: 11/14/2022 End Date: 11/14/2022

Analyte	Wavelength	Internal Standard Used:				
		Element Y 360.074	Element Y 360.074	Element	Element	Element
Iron	259.940	X				
Aluminum	308.215	X				
Antimony	206.834	X				
Arsenic	193.696	X				
Barium	455.403	X				
Beryllium	313.042	X				
Bismuth	223.061	X				
Boron	249.678	X				
Cadmium	228.802	X				
Calcium	317.933	X				
Chromium	267.716	X				
Cobalt	228.615	X				
Copper	324.754	X				
Fe2O3						
Gallium	294.363	X				
Indium	230.606	X				
Lead	220.353	X				
Lithium	670.783	X				
Magnesium	279.800	X				
Manganese	257.610	X				
Molybdenum	202.032	X				
Nickel	231.604	X				
Phosphorus	213.618	X				
Potassium	766.491	X				
Scandium	335.372	X				
Selenium	196.026	X				
Silicon	288.158	X				
Silver	328.068	X				
Sodium	589.592	X				
Strontium	407.771	X				
Sulfur	181.972	X				
Th	288.505	X				
Thallium	190.794	X				
Tin	189.925	X				
Titanium	334.941	X				
U	409.013	X				
Vanadium	292.401	X				
W	207.912	X				
Zinc	206.200	X				
Zr	343.823	X				
Internal Standard Name on Instrument		Y	Y			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 288967

ICP-MS Instrument ID: ICPMS03 Start Date: 11/17/2022 End Date: 11/17/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-288967/2	14:12	102		100		101		101			
IC 550-288967/3	14:14	105		103		103		102			
IC 550-288967/4	14:16	98		99		96		95			
IC 550-288967/5	14:18	105		104		103		103			
IC 550-288967/6	14:20	107		104		105		106			
IC 550-288967/7	14:22	107		105		106		106			
ICV 550-288967/8	14:25	108		105		105		105			
ICB 550-288967/10	14:32	106		107		105		107			
ICVL 550-288967/11	14:36	106		104		104		104			
ICSA 550-288967/12	14:38	102		100		96		100			
CCV 550-288967/14	17:24	83		84		88		91			
CCB 550-288967/15	17:26	82		81		87		90			
MB 550-288542/1-A	17:28	85		86		89		93			
LCS 550-288542/2-A	17:30	83		81		87		91			
LCSD 550-288542/3-A	17:32	82		84		87		91			
550-193520-1 MS	17:35	79		81		83		88			
550-193520-1 MSD	17:37	81		81		83		88			
550-193520-1 PDS	17:39	82		81		86		90			
550-193520-1	17:41	80		82		84		89			
550-193520-2	17:43	81		81		84		89			
550-193520-3	17:45	79		79		83		88			
550-193520-4	17:47	79		79		83		89			
550-193520-5	17:49	76		77		80		85			
550-193520-6	17:51	79		79		82		87			
550-193520-7	17:53	78		80		82		87			
CCV 550-288967/29	17:55	81		82		87		90			
CCB 550-288967/30	17:57	78		79		84		89			

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 288967

ICP-MS Instrument ID: ICPMS03 Start Date: 11/17/2022 End Date: 11/17/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 289254

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/22/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc-45	Q	Element Ge	Q	Element In-115	Q	Element Tb-159	Q	Element	Q
IC 550-289254/2	12:32	99		99		98		99			
IC 550-289254/3	12:34	100		101		97		100			
IC 550-289254/4	12:36	98		96		98		100			
IC 550-289254/5	12:39	99		99		99		102			
IC 550-289254/6	12:41	99		99		99		102			
IC 550-289254/7	12:43	97		98		98		100			
ICV 550-289254/8	12:45	101		101		98		102			
ICB 550-289254/10	12:57	104		102		102		98			
ICVL 550-289254/12	13:06	100		101		98		98			
ICSA 550-289254/13	13:08	91		89		86		93			
CCV 550-289254/14	08:49	63		68		70		72			
CCB 550-289254/15	08:52	61		66		68		70			
MB 550-288542/1-A	08:54	63		67		70		72			
LCS 550-288542/2-A	08:56	61		68		69		71			
LCSD 550-288542/3-A	08:58	59		64		69		71			
550-193520-1 MS	09:00	57		61		65		68			
550-193520-1 MSD	09:02	61		65		67		72			
550-193520-1 PDS	09:04	57		61		65		68			
550-193520-1	09:06	60		64		67		71			
550-193520-2	09:08	60		66		67		70			
550-193520-3	09:10	62		69		70		73			
550-193520-4	09:12	62		68		70		72			
550-193520-5	09:14	58		60		65		69			
550-193520-6	09:16	60		64		66		71			
550-193520-7	09:19	53		59		60		63			
CCV 550-289254/29	09:21	60		66		69		72			
CCB 550-289254/30	09:23	60		62		67		71			

15A-IN
ICP-MS INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.: Analysis Batch No.: 289254

ICP-MS Instrument ID: ICPMS03 Start Date: 11/21/2022 End Date: 11/22/2022

Analyte	Mass	Internal Standard Used:				
		Element In-115 115	Element Tb-159 159	Element Sc-45 45	Element Ge 72	Element
Arsenic	75				X	
Manganese	55				X	
Antimony	121	X				
Barium	137	X				
Beryllium	9			X		
Cadmium	111	X				
Chromium	52				X	
Cobalt	59				X	
Copper	63				X	
Iron	56				X	
Lead	208		X			
Li	7			X		
Nickel	60				X	
Selenium	78				X	
Silver	109	X				
Thallium	205		X			
Uranium	238		X			
Vanadium	51				X	
Zinc	66				X	
Internal Standard Name on Instrument		In-115 (IS)	Tb-159 (IS)	Sc-45 (IS)	Ge Internal Standard	

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Batch Number: 288414 Batch Start Date: 11/10/22 20:02 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/11/22 20:02

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00196		
MB 550-288414/1		3005A, 6010B			50 mL	50 mL			
LCS 550-288414/2		3005A, 6010B			50 mL	50 mL	500 uL		
LCSD 550-288414/3		3005A, 6010B			50 mL	50 mL	500 uL		
550-193520-B-1 MS	R-08_I2_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193520-B-1 MSD	R-08_I2_11-2022	3005A, 6010B	D		50 mL	50 mL	500 uL		
550-193520-B-1 PDS	R-08_I2_11-2022	3005A, 6010B	D		25 mL	25 mL	250 uL		
550-193520-B-1	R-08_I2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-2	M-20_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-3	R-24_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-4	EX-13_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-5	R-01_S2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-7	R-34_D2_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			
550-193520-A-6	M-12_11-2022	3005A, 6010B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	267678
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2677844
Nitric Acid ID	2678432
Digestion Unit ID	H
Thermometer ID	213
Thermometer Location ID	B-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/10/2022 20:02
Digestion End Time	11/11/2022 20:02

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Batch Number: 288414 Batch Start Date: 11/10/22 20:02 Batch Analyst: Andrew, Abril B

Batch Method: 3005A Batch End Date: 11/11/22 20:02

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Batch Number: 288542 Batch Start Date: 11/14/22 06:21 Batch Analyst: Obel, Gwen

Batch Method: 3005A Batch End Date: 11/14/22 15:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MI3_PREP SPK 00179		
MB 550-288542/1		3005A, 6020B			50 mL	50 mL			
LCS 550-288542/2		3005A, 6020B			50 mL	50 mL	500 uL		
LCSD 550-288542/3		3005A, 6020B			50 mL	50 mL	500 uL		
550-193520-A-1 MS	R-08_I2_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193520-A-1 MSD	R-08_I2_11-2022	3005A, 6020B	D		50 mL	50 mL	500 uL		
550-193520-A-1 PDS	R-08_I2_11-2022	3005A, 6020B	D		25 mL	25 mL	250 uL		
550-193520-A-1	R-08_I2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-2	M-20_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-3	R-24_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-4	EX-13_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-5	R-01_S2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-6	M-12_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			
550-193520-A-7	R-34_D2_11-2022	3005A, 6020B	D	<2 SU	50 mL	50 mL			

Batch Notes	
Digestion Tube/Cup ID	2681183
Pipette/Syringe/Dispenser ID	78 130
Hydrochloric Acid ID	2678428
Nitric Acid ID	2681697
Digestion Unit ID	H
Thermometer ID	230
Thermometer Location ID	C-6
Temperature - Uncorrected - Start	95 Degrees C
Digestion Start Time	11/14/2022 06:21
Digestion End Time	11/14/2022 15:30

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Phoenix Job No.: 550-193520-1

SDG No.:

Batch Number: 288542 Batch Start Date: 11/14/22 06:21 Batch Analyst: Obel, Gwen

Batch Method: 3005A Batch End Date: 11/14/22 15:30

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address: 4625 E COTTON CTR BLVD
STE 189
PHOENIX, AZ 85040

Chain of Custody Record

703
571~~694~~ eurofins | Environment Testing TestAmerica

193520

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: A. McGLOWN	Site Contact: R	Date: 11/9/22	COC No:
Company Name: NMED	Tel/Email: 505-660-8121	Lab Contact: R. SESTER	Carrier: FEDEX	1 of 1 COCs
Address: 1190 ST FRANCIS DR	Analysis Turnaround Time			Sampler:
City/State/Zip: SANTA FE, NM 87502	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NRAP	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Dissolved Metals → As/Mn/Fe	Sample Specific Notes:
1	R-08_I2_11-2022	11/03	12:00	G	W	2	Y	Y	X	
2	M-20_11-2022	11/03	15:20	G	W	1	Y	N	X	
3	R-24_11-2022	11/03	14:30	↓	↓	↓	↓	↓	↓	
4	EX-13_11-2022	11/03	13:45							
5	R-01_S2_11-2022	11/04	10:08							
6	M-12_11-2022	11/04	11:40							
7	R-34_D2_11-2022	11/04	12:00	↓	↓	↓	↓	↓	↓	

550-193520 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:____ Corr'd:____ | Therm ID No.:____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	NMED	11/9/22 15:00			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				EETA-PHX	11-10-22 10:30

16.4°C - FE-ice

Login Sample Receipt Checklist

Client: New Mexico Environment Department

Job Number: 550-193520-1

Login Number: 193520
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix B – Well Purge and Sampling Field Data Sheets

New Mexico Environment Department
Ground Water Quality Bureau
Superfund Oversight Section
1190 South Saint Francis Drive
Santa Fe, New Mexico 87502

GROUNDWATER SAMPLE COLLECTION FORM

Well ID: BC-5

Page 1 of 1

Site Name: NRAP
Date: 11-9-22
Project No:
Field Crew: BILL PEARSON Rod SHOULT
Location: ESP4

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☑ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc):
Pump Placement (ft btoc):

[a] Depth to Water (ft btoc): 10.15'
[b] Total Well Depth (ft btoc):
[c] Casing Diameter (in): 2"

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 3 Pump # PERISTALTIC Bailer Size: — Tubing: 3/8" DEDICATED Other: TUBING IN WELL

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1140	10.15'	450 mL	STARTED		Pump				
1145	10.15'	450 mL		17.3	7.29	1710	1.70	-87.9	4.39
1150	10.15'	400 mL		17.1	7.25	1718	1.17	-108.6	3.20
1155	10.15'	400 mL		17.3	7.24	1721	1.05	-111.2	1.62
1200	10.15'	400 mL		17.2	7.23	1717	1.03	-113.5	1.21
1205	10.15'	COLLECTED		SAMPLE					

OBSERVATIONS

Color: CLEAR Turbidity: V. Low Notes: DEDICATED TUBING IN WELL
Odor: NONE Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	~~SFAM01.1 Trace / Low~~ 8260	3 x 40 mL VOA	HCl; Ice < 4°C	---	~~TA CLP~~ TA
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: BC-5
Sample Collection Date & Time: 11-9-22 1205
Signature:
Dup ID:
MS/MSD:
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

New Mexico Environment Department
Ground Water Quality Bureau
Superfund Oversight Section
1190 South Saint Francis Drive
Santa Fe, New Mexico 87502

GROUNDWATER SAMPLE COLLECTION FORM

Well ID: BC-6

Page 1 of 1

Site Name: NRAD
Date: 11/9/22
Project No:
Field Crew: BILL PEARSON RONNY SANDOVAL
Location: ESPANOLA

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☑ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 9-28
Pump Placement (ft btoc): 13'

[a] Depth to Water (ft btoc): 10.17
[b] Total Well Depth (ft btoc): 28'
[c] Casing Diameter (in): 2"

[d] Unit Casing Volume* (gal/LF): 0.16
[e] Static Water Column [e] = [b] - [a] (ft): 18.17
[f] Casing Water Volume [f] = [d] * [e] (gal): 2.90
[g] Three Purge Volumes [g] = 3 * [f] (gal): 6

EQUIPMENT

YSI # 3 Pump # NEW PERISTALTIC Bailer Size: X Tubing: 3/8" DEDICATED Other: VOLME #4

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1015	10.17	START		PUMP					
1025	10.17	250mL		16.8	7.32	1830	3.96	-143.7	30.5
1030	10.17	250mL		16.9	7.31	1828	3.90	-130.1	22.8
1035	10.17	250mL		17.0	7.31	1828	4.00	-125.1	18.6
1040	10.17	250mL		17.1	7.29	1832	3.74	-115.5	17.5
1045	10.17	250mL		17.3	7.32	1833	4.10	-108.0	14.7
1050	COLLECTED			SAMPLES					
		3 x 40 mL		VOAS					
		1 x 250 mL		NUTRIENTS (FILTERED)					

OBSERVATIONS

Color: CLEAR
Odor: MILD SULPHUR
Turbidity: A LITTLE TO
Purged Dry (Y/N): N
Notes: ROOT BALL IN WELL

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	8260 SEMIVOA Trace - Low	3 x 40 mL VOA	HCl; Ice < 4°C	—	~~EPACLP~~ JA
NUTRIENTS	Other	~~Other~~ 1 x 250mL	Other HNO3	Other	Other

SAMPLE COLLECTION

Sample ID: BC-6-11-2022
Sample Collection Date & Time: 11-9-22 / 1050
Signature: [signature]

Dup ID: ~~Dup~~ BC-96-11-2022 (MS)
MS/MSD: MS/MSD
Equip. Blank: —

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

New Mexico Environment Department
Ground Water Quality Bureau
Superfund Oversight Section
1190 South Saint Francis Drive
Santa Fe, New Mexico 87502

GROUNDWATER SAMPLE COLLECTION FORM

Well ID: M-09

Page 1 of 1

Site Name: NRAP
Date: NOV 7, 2022
Project No:
Field Crew: L. Harris, M. Kiesling
Location: Espanola, NM

PURGING INFORMATION

Method:
- ~~X Volume Purge (complete [a] to [g])~~ LH
- X Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 166 - 191
Pump Placement (ft btoc): 176

[a] Depth to Water (ft btoc): 32.14
[b] Total Well Depth (ft btoc): 191
[c] Casing Diameter (in): 3

[d] Unit Casing Volume* (gal/LF): 0.37
[e] Static Water Column [e] = [b] - [a] (ft): 158.86
[f] Casing Water Volume [f] = [d] * [e] (gal): 58.7
[g] Three Purge Volumes [g] = 3 * [f] (gal): 176

EQUIPMENT

YSI # 3 Pump # MM #2 Bailer Size: — Tubing: dedicated ~~Other~~ — WCM #4

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate ~~(gpm)~~ (mL/min)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
15:41	31.20	200		17.9	7.14	241.4	1.02	-163.5	—
15:46	32.25	200		17.9	7.14	236.3	0.64	-181.6	—
15:51	33.17	200		17.8	7.14	234.5	0.49	-190.6	—
15:56	33.95	200		17.8	7.13	231.4	0.42	-197.3	—
16:01	34.71	200		17.7	7.12	224.6	0.37	-202.9	—
16:06	35.12	200		17.6	7.10	219.5	0.34	-210.1	—
16:11	35.30	200		17.5	7.11	222.1	0.35	-219.0	—
16:16	35.47	200		17.5	7.13	238.9	0.39	-231.0	—
16:21	35.25	200		17.3	7.16	241.8	0.41	-237.5	—
16:26	35.22	200		17.5	7.18	256.3	0.45	-247.9	—
16:33	35.50	200		17.3	7.29	305.8	0.48	-257.9	—
16:38	36.17	200		17.3	7.36	345.0	0.45	-268.7	—
16:47	37.02	200		17.1	7.44	397.7	0.45	-278.8	

OBSERVATIONS

Color: black Turbidity: Notes: 40% / 10.5 V (monsoon)
Odor: ~~rotten egg~~ Purged Dry (Y/N): N

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	~~SEAM01-1 Trace / Low~~ 8260	3 ~~1~~ x 40 mL VOA	HCl; Ice < 4°C	—	~~EPACLP~~ Eurofins
diss. metal	6010/6020	1x250	~~Other~~ HNO3	Y	Other Eurofins

SAMPLE COLLECTION

Sample ID: M-09-11-2022
Sample Collection Date & Time: 11/07/22 @ 16:55
Signature: LH

Dup ID: M-909_11-2022 (HK/VOA only)
MS/MSD: YES (VOA & metal)
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

New Mexico Environment Department
Ground Water Quality Bureau
Superfund Oversight Section
1190 South Saint Francis Drive
Santa Fe, New Mexico 87502

GROUNDWATER SAMPLE COLLECTION FORM

Well ID: M-15

Page 1 of 1

Site Name: UMAP
Date: 11/8/22
Project No:
Field Crew: RONNY S. BILL P.
Location: ESPANOLA, NM

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☒ Low Flow (complete [a] to [c]) (500 < mL)
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 185 - 205'
Pump Placement (ft btoc): 183'

[a] Depth to Water (ft btoc): 31.77
[b] Total Well Depth (ft btoc): 205'
[c] Casing Diameter (in): 2"

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 3 Pump # MM #3 Bailer Size: — Tubing: DEDICATED Other: WLM # 4

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (ppm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:30	31.77		START PUMP						
1040	33.25	300 mL		16.4	9.06	0.586	0.38	-263.6	8.43
1045	34.00	300 mL		15.9	9.06	0.579	0.33	-270.3	11.5
1050	34.19	300 mL		16.1	9.05	0.581	0.30	-279.4	10.9
1055	34.10	300 mL		16.2	9.04	0.582	0.24	-283.5	9.38
1100	34.15	300 mL		16.3	9.04	0.583	0.25	-286.1	8.36
1105	COLLECT	SAMPLES							

OBSERVATIONS

Color: CLEAR Turbidity: Notes: 38% ON MANIFOLD
Odor: SULPHUR Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	~~8260 + Trace Low~~ 8260	9 x 40 mL VOA	HCl; Ice < 4°C	—	~~EPACLP~~ TEST AMERICA
~~Other~~ METALS	Other	Other 1 x 250 mL	HNO_3	YES	Other

SAMPLE COLLECTION

Sample ID: M-15-11-2022
Sample Collection Date & Time: 11/8/22 @ 1105
Signature:

Dup ID: M-915-11-2022
MS/MSD: YES
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: SMW-39

Page 1 of 1

Site Name: NRAP
Date: 4/4/22
Project No: 2022 GWM
Field Crew: AM / JF
Location: Espanola

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☑ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc):
Pump Placement (ft btoc):

[a] Depth to Water (ft btoc): 8.51'
[b] Total Well Depth (ft btoc): 29'
[c] Casing Diameter (in): 2"

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft): 22.49
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 2 Pump # Monsoon #1 Bailer Size: Tubing: Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:54	7.09			14.10	8.61	1854	2.76	-57.4	
10:59	7.30			15.10	8.04	1831	1.62	-79.2	
11:04 ~~11:04~~				15.77	7.31	1820	1.11	-106.3	
~~11:16~~									
11:16				16.22	6.29	1827	0.81	-45.4	
Changed to paristaltic pump #1									
11:30	7.82			14.75	5.80	1813	0.78	-36.3	
11:35	8.15			14.67	5.49	1803	0.67	-49.3	
11:43	8.30			14.40	5.04	1792	0.61	-60.5	
11:49	8.79			14.60	4.84	1768	0.62	-70.3	
11:55	8.90			14.47	4.72	1750	0.52	-73.3	

OBSERVATIONS

Color: Turbidity: Notes:
Odor: Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	4 x 40 mL VOA	HCl; Ice < 4°C	---	EPA CLP
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID:
Sample Collection Date & Time:
Signature:
Dup ID:
MS/MSD:
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: R-08 (I2)

Page 1 of 1

Site Name: NRAP
Date: 11/3/22
Project No:
Field Crew: BF, MG
Location:

PURGING INFORMATION

Method: ☐ Volume Purge (complete [a] to [g]) ☐ Low Flow (complete [a] to [c]) ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 80 - 95
Pump Placement (ft btoc): 87

[a] Depth to Water (ft btoc): 11.91
[b] Total Well Depth (ft btoc):
[c] Casing Diameter (in): 2

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 3 Pump # 1 (MP50w) Bailer Size: Tubing: 3/8" DEDICATED Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate ~~(mL/min)~~ (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1132	11.93	300	—	18	8.07	1089	0.42	133.4	7.91
1138	11.96	330		18.9	8.11	1115	0.41	130.3	
1145	11.96	330		18.1	8.13	1103	0.33	127.0	18
1151	11.96	330		17.7	8.12	1094	0.29	124.9	17.8
1159	11.96	330		17.9	8.12	1097	0.25	122.7	16.1

OBSERVATIONS

Color: CLEAR Turbidity: LOW Notes:
Odor: NO Purged Dry (Y/~~N~~):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	9 x 40 mL VOA	HCl; Ice < 4°C	---	EPA CLP
Other	MEOH BLKS	2 x 250 mL	~~HNO3~~	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: R-08 (I2)
Sample Collection Date & Time: 11/3/22 @ 1200
Signature:

Dup ID: R-908 (I2)
MS/MSD: YES R-08 (I2)
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: R-25

Page 1 of 1

Site Name: NRAD 2022 GW
Date: 11/3/22
Project No:
Field Crew: AM / CH / JF
Location: Espanola, NM

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☑ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 10-25'
Pump Placement (ft btoc): 8'

[a] Depth to Water (ft btoc): 7.91'
[b] Total Well Depth (ft btoc): 25'
[c] Casing Diameter (in): 2"
[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 1 Pump # 1 Bailer Size: Tubing: Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
13:15	start purge @								
13:20	water to surface								
13:25	7.93			19.6	7.50	1079	29.4	-70.0	—
13:30	7.94			19.9	7.43	1122	24.0	-75.1	—
13:35	7.94			20.3	7.41	1126	19.0	-76.9	—
13:40	7.94			20.2	7.39	1125	13.~~4~~ → 1.17 mg/L	-78.0	—
13:45				20.3	7.37	1129	0.98 mg/L → 10.~~8~~%	-78.5	—

OBSERVATIONS

Color: gray
Odor: None
Turbidity: high
Purged Dry (Y/N):
Notes:

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	4 x 40 mL VOA	HCl; Ice < 4°C	—	EPA CLP
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: R-25-11-2022
Sample Collection Date & Time: 11-3-2022 13:57
Signature:
Dup ID: R-925-11-2022
MS/MSD:
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: R-29A D1

Page 1 of 1

Site Name: NRAP
Date: 11/2/2022
Project No:
Field Crew: Paul Chamberlain, Bill Robinson
Location:

PURGING INFORMATION

Method: ☑ Volume Purge (complete [a] to [g]) ☐ Low Flow (complete [a] to [c]) ☐ No Purge (complete [a] to [c])

MW3000 #1

Screen Interval (ft btoc):
Pump Placement (ft btoc): 1725'

[a] Depth to Water (ft btoc):
[b] Total Well Depth (ft btoc):
[c] Casing Diameter (in): 2"

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [c] - [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # #1 Pump # 1 Bailer Size: Tubing: 3/8" DEDICATED TUBING Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1120	START PUMP								
1127	34.08	2.0 L/m		18.0	8.36	1023	8.7	-179.3	
1134	34.09	2.0 L/m		18.0	8.04	1107	6.6	-156.2	3.01
1139	34.07	2.0 L/m		18.0	8.01	1118	6.9	-162.0	3.10
1144	34.05	2.0 L/m		18.0	8.01	1124	4.7	-147.7	2.68
1149	34.12	2.0 L/m		17.9	7.99	1130	3.7	-146.1	2.73
COLLECTED SAMPLES @ 1150									

OBSERVATIONS

Color: CLEAR Turbidity: Notes:
Odor: SMELL OF HYDROCARBONS Purged Dry (Y/N)

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	3 x 40 mL VOA	HCl; Ice < 4°C	---	EPA CLP
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: R-29A D1
Sample Collection Date & Time: 11/2/22 1150
Signature:

Dup ID: R-29A D2
MS/MSD: YES R-29A D2
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: R34 D2

Page 1 of 1

Site Name: NRAD
Date: 11/4/22
Project No:
Field Crew: PAUL ETHRIDGE & Colby BILL PEARSON
Location: ESPY

PURGING INFORMATION

Method: ☒ Volume Purge (complete [a] to [g])
☐ Low Flow (complete [a] to [c])
☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc): 245 - 265
Pump Placement (ft btoc): 243'

[a] Depth to Water (ft btoc): 41.16 (WLOD)
[b] Total Well Depth (ft btoc): 265.41
[c] Casing Diameter (in): 4"

[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 3 Pump # GF #1 Bailer Size: — Tubing: — Other: —

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:50				15.3	8.54	483.3	4.63	-189	6.77
11:00	41.16	2.0 L/m		16.4	9.23	610	0.87	-242	24.9
11:10	41.16	2.0 L/m		16.7	9.09	760	0.58	-218	10.4
11:25	41.18	2.0 L/m		16.3	9.07	765	0.46	-213.4	9.73
11:35	41.21	2.0 L/m		16.6	9.05	767	0.38	-214.9	9.77
11:55	41.26	2.0 L/m		16.9	9.03	771	0.33	-219.0	5.42
COLLECTED SAMPLES @ 1200									

OBSERVATIONS

Color: CLEAR Turbidity: LOW Notes: GRUNDFOS #1
Odor: SLIGHT ODOR Purged Dry (Y) (N)

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	3 x 40 mL VOA (PRELIMINARY 6 x 40 mL VOA MS/MSD)	HCl; Ice < 4°C	—	~~EPACLP~~ TA - PHOENIX
Other	Other	Other (1 x 25 mL VOA MS/MSD)	Other	Other	Other

SAMPLE COLLECTION

Sample ID: R34 D2
Sample Collection Date & Time: 11/4/22 @ 1200
Signature:

Dup ID: R34 D2
MS/MSD: YES R34 D2
Equip. Blank: YES

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: RDP-01

Page 1 of 1

Site Name: NRMP
Date: 11/9/22
Project No: 2022 GW
Field Crew: AM / LH
Location:

PURGING INFORMATION

Method: ☒ Volume Purge (complete [a] to [g])
☐ Low Flow (complete [a] to [c])
☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc):
Pump Placement (ft btoc):

[a] Depth to Water (ft btoc):
[b] Total Well Depth (ft btoc):
[c] Casing Diameter (in):
[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 1 Pump # — Bailer Size: Tubing: Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
11 11:05	—	—	0.5	15.2	8.12	1408	5.46	32.2	
11:07			1.0	15.3	7.81	1394	4.26	-0.5	
11:08			2.0	15.2	7.65	1383	3.15	-11.9	
11:09				15.1	7.65	1378	3.25	-9.4	

OBSERVATIONS

Color: Turbidity: Notes:
Odor: Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	~~SHAW01.1~~ Trace / Low 8260	3 ~~4x~~ 40 mL VOA	HCl; Ice < 4°C	—	~~EPA CLP~~ Eurofins
~~Odor~~	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: RDP-01_11-2022
Sample Collection Date & Time: 11/09/22 C
Signature: LH
Dup ID: —
MS/MSD: —
Equip. Blank: —

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: RDP-02

Page 1 of 1

Site Name: NRAP
Date: 11/09/22
Project No:
Field Crew: LH, AM
Location:

PURGING INFORMATION

Method:
- ☒ Volume Purge (complete [a] to [g])
- ☐ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc):
Pump Placement (ft btoc):
[d] Unit Casing Volume* (gal/LF):
[a] Depth to Water (ft btoc):
[e] Static Water Column [e] = [b] - [a] (ft):
[b] Total Well Depth (ft btoc):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[c] Casing Diameter (in):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # 1 | Pump # | Bailer Size: | Tubing: | Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
11:25			0.1	14.7	7.82	815	1.72	-70.0	
11:28			0.4	14.6	7.80	786	2.03	-84.6	
11:32			0.7	14.5	7.83	780	2.99	-71.9	

OBSERVATIONS

Color: Turbidity: Notes:
Odor: Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	4 x 40 mL VOA	HCl; Ice < 4°C	—	EPA CLP
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: RDP-02 - 11-2022
Sample Collection Date & Time: 11/09/22 @ 11:34
Signature: LH
Dup ID:
MS/MSD:
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

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GROUNDWATER SAMPLE COLLECTION FORM

Well ID: Cook Estate

Page 1 of 1

Site Name: NDAP
Date: 4/8/22
Project No: GW 2022
Field Crew: AM/LH
Location:

PURGING INFORMATION

Method:
- ☐ Volume Purge (complete [a] to [g])
- ☐ Low Flow (complete [a] to [c])
- ☐ No Purge (complete [a] to [c])

Screen Interval (ft btoc):
Pump Placement (ft btoc): PRIVATE

[a] Depth to Water (ft btoc):
[b] Total Well Depth (ft btoc):
[c] Casing Diameter (in):
[d] Unit Casing Volume* (gal/LF):
[e] Static Water Column [e] = [b] - [a] (ft):
[f] Casing Water Volume [f] = [d] * [e] (gal):
[g] Three Purge Volumes [g] = 3 * [f] (gal):

EQUIPMENT

YSI # | Pump # | Bailer Size: | Tubing: | Other:

FIELD PARAMETERS

Time	Depth to Water (ft)	Flow Rate (gpm)	Total Volume (gal)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1152	start	pump	@ 3	gpm					
1158				17.2	7.55	1724	1.64	-107.2	
1203				17.1	7.48	1756	0.70	-111.6	
1208				17.6	7.43	1769	0.48	-110.3	
1213				17.5	7.41	1772	0.40	-110.8	
1215	sampled								

4/8/22

OBSERVATIONS

Color: Turbidity: Notes:
Odor: Purged Dry (Y/N):

ANALYSIS (mark applicable analysis)

Analyte	Analysis	Bottles	Preservative	Filtered	Lab
VOCs	SFAM01.1 Trace / Low	4 x 40 mL VOA	HCl; Ice < 4°C	---	EPA CLP
Other	*Other*	*Other*	*Other*	*Other*	*Other*

SAMPLE COLLECTION

Sample ID: Cook Estate-4-2022
Sample Collection Date & Time: 4/8/22 @ 12:15
Signature:
Dup ID:
MS/MSD:
Equip. Blank:

Casing Diameter (in)	2.0	3.0	4.0	5.0	6.0	8.0	10.0
*Unit Casing Volume (gal/LF)	0.16	0.37	0.65	1.02	1.47	2.61	4.08

L. Harris / A. McClain

WLM #2

10/31/22

Well ID	Total Depth FT BTOC	Dia (in)	Top of Screen FT BTOC	Screen Length Feet	DTW FT BTOC 2021	DTW FT BTOC 2022	Comments
BC-5	28.1	2	7.9	20.0	NM		
BC-6	28.4	2	8.2	20.0	9.35		
BC-7S	17.4	2	7.0	10.0	5.69		Estimated - missing survey data
BC-7D	25.5	2	20.5	5.0	5.55		Estimated - missing survey data
DI-1(D1)	190.0	3	169.8	20.0	NM	NM	
DI-1(D2)	258.0	3	227.8	30.0	NM	NM	
DI-1(I1)	71.0	2	51.0	20.0	12.08	12.16	@13:36
DI-2(D1)	190.0	3	169.8	20.0	NM	NM	
DI-2(D2)	258.0	3	227.8	30.0	NM	NM	
DI-2(I1)*	73.0	2	58.0	15.0	11.21	11.32	@ 14:22
DM-1(D1)	194.0	3	173.8	20.0	32.60	34.04	@ 13:40
DM-1(D2)	262.0	3	226.8	35.0	39.08	39.93	@ 13:55
DM-1(I1)	71.0	2	51.3	20.0	11.69	11.56	@ 13:53
DM-2(D1)	184.0	3	153.8	30.0	32.28	33.71	@ 14:29
DM-2(D2)	258.0	3	227.8	30.0	38.58	40.77	@ 14:40
DM-2(I1)*	71.0	2	50.8	20.0	8.50	10.95	@ 14:52
EWMW-1	60.7	4	50.5	10.0	6.62	6.80	@10:30 lost?
EWMW-2	28.2	4	17.9	10.0	7.41	7.45	@10:15
EWMW-3	22.0	4	11.7	10.0	6.51	6.63	@ 10:45
EWMW-4A	60.2	4	49.9	10.0	6.61	6.75	@ 10:05
EWMW-4B	28.3	4	18.1	10.0	6.63	7.34*	@ 09:50 -bad value, obstruction
EX-09	13.7	2	3.5	10.0	8.10	8.14	
EX-11	13.8	2	3.6	10.0	8.09	8.22	@ 11:47
EX-13	13.6	2	3.4	10.0	7.29	—	
EX-15	13.4	2	3.2	10.0	8.66	8.68	
EX-16	18.0	2	7.7	10.0	NM	NM	lost?
M-09	191.0	3	165.8	25.0	29.89	—	
M-12	195.0	3	164.8	30.0	29.54	—	
M-15	205.0	3	184.8	20.0	29.50	—	Broken TOC
M-20	227.0	3	201.8	25.0	38.04	—	
M-21	229.0	3	213.8	15.0	NM	NM	Broken TOC
PAW-MW01	23.3	2			10.25		
PAS-MW02	28.3	2			7.02		
PAS-MW03	23.3	2			5.90		
R-01(I2)	109.1	2	93.9	15.0	14.16	—	East
R-01(S1)	14.0	2	3.8	10.0	7.24	7.33	Mid
R-01(S2)	21.3	2	11.1	10.0	7.23	7.27	West
R-03(I1)	85.1	2	69.9	15.0	8.47	— NS	North
R-03(I2)	108.0	2	92.8	15.0	8.03	— NS	Middle
R-03(S2)	24.7	2	14.4	10.0	6.45	— NS	South
R-04(I2)	96.9	2	81.6	15.0	9.82		West
R-04(S2)	27.9	2	17.7	10.0	9.98		East
R-05(S2)	28.1	2	17.8	10.0	11.52		

R-06(S1)	15.0	2	4.8	10.0	NM	NM	Well filled in
R-06(S2)	24.1	2	13.8	10.0	7.36		
R-07(S2)	23.4	2	13.2	10.0	NM	NM	Lost well
R-08(D1)	192.3	2	177.1	15.0	33.96		East
R-08(I2)	96.1	2	80.8	15.0	11.67		West
R-08(S2)	22.9	2	12.7	10.0	11.10		Middle
R-08A(I1)	60.3	2	50.0	10.0	11.78		East
R-08A(S2)	43.2	2	32.5	10.0	12.84		East
R-09(D1)	190.3	2	175.1	15.0	NM	NM	
R-09(D2)	264.8	4	244.6	20.0	NM	NM	
R-09(D3)	357.0	4	341.8	15.0	37.93		
R-09(I1)	70.2	2	54.9	15.0	NM	NM	
R-09(I2)	103.2	2	87.9	15.0	NM	NM	
R-09(S1)	16.8	2	6.5	10.0	NM	NM	
R-10(D2)	258.0	4	242.8	15.0	38.56		
R-10(I1)	88.0	2	72.8	15.0	11.41		
R-10(I2)	134.1	2	118.9	15.0	29.46		
R-11(I1)	70.0	2	54.8	15.0	19.62		
R-11(I2)	98.0	2	82.8	15.0	18.87		
R-12(D1)	189.0	2	173.8	15.0	30.42	32.58	@ 11:57
R-12(D2)	258.0	4	242.8	15.0	33.87	36.48	@ 11:52
R-12(I1)	71.2	2	81.8	15.0	6.24	6.75	10/31/22 South of R-12 (D2) @ 11:50
R-12(I2)	95.5	2	81.8	15.0	NM	NM	Well monument down
R-12(S1)	19.9	2	9.7	10.0	8.34	8.73	@ 12:13
R-13(I2)	98.0	2	82.8	15.0	8.86		
R-14(S2)	24.2	2	14.0	10.0	10.30		
R-15(D1)	205.0	2	184.8	20.0	27.36		
R-16(S2)	30.0	2	19.8	10.0	10.74		
R-17(D1)	224.0	2	203.8	20.0	38.91		
R-18(D1)	232.0	2	216.8	15.0	40.25		
R-19(D1)	227.0	2	211.8	15.0	37.38		
R-20(D2)	230.0	2	214.8	15.0	36.01		Broken TOC
R-21(D2)	238.0	2	212.8	25.0	39.75		
R-22(D2)	227.0	2	211.8	15.0	33.87		
R-23(I1)	65.0	2	49.8	15.0	7.29		
R-24(S2)	24.7	2	9.5	15.0	7.03		
R-25(S2)	25.2	2	10.0	15.0	8.69		
R-26(S2)	40.0	2	19.8	20.0	10.21		
R-27(S2)	39.3	2	19.1	20.0	10.52		
R-28(S2)	33.0	4	7.8	25.0	7.67		
R-29A(I1)	60.3	2	40.0	20.0	8.72		Open lid ~30 mins before
R-29A(D1)	165.3	2	150.0	15.0	29.93		Open lid ~30 mins before
R-31(I1)	95.3	2	75.0	20.0	26.21	~~27.~~ 26.30	Open lid ~30 mins before @ 15:47
R-31(I2)	131.3	2	111.0	20.0	26.47	26.65	Open lid ~30 mins before @ 15:48
R-32(I1)	80.3	2	65.0	15.0	15.02		
R-32(I2)	98.8	2	88.5	10.0	15.09		
R-32(D2)	252.4	4	236.6	15.0	38.98		

Lutercis / A. McGlown WLM #2 10/31/22

Team 2 B Pearson M. Kicking water levels

Well ID	Total Depth		Top of	Screen	DTW	DTW	Comments	
	FT BTOC	Dia (in)	Screen	Length	FT BTOC	FT BTOC		
			FT BTOC	Feet	2021	2021		
BC-5	28.1	2	7.9	20.0	NM			
BC-6	28.4	2	8.2	20.0	9.35			
BC-7S	17.4	2	7.0	10.0	5.69		Estimated - missing survey data	
BC-7D	25.5	2	20.5	5.0	5.55		Estimated - missing survey data	
DI-1(D1)	190.0	3	169.8	20.0	NM	NM		
DI-1(D2)	258.0	3	227.8	30.0	NM	NM		
DI-1(I1)	71.0	2	51.0	20.0	12.08			
DI-2(D1)	190.0	3	169.8	20.0	NM	NM		
DI-2(D2)	258.0	3	227.8	30.0	NM	NM		
DI-2(I1)	73.0	2	58.0	15.0	11.21			
DM-1(D1)	194.0	3	173.8	20.0	32.60			
DM-1(D2)	262.0	3	226.8	35.0	39.08			
DM-1(I1)	71.0	2	51.3	20.0	11.69			
DM-2(D1)	184.0	3	153.8	30.0	32.28			
DM-2(D2)	258.0	3	227.8	30.0	38.58			
DM-2(I1)	71.0	2	50.8	20.0	8.50			
EWMW-1	60.7	4	50.5	10.0	6.62		lost?	
EWMW-2	28.2	4	17.9	10.0	7.41			
EWMW-3	22.0	4	11.7	10.0	6.51			
EWMW-4A	60.2	4	49.9	10.0	6.61			
EWMW-4B	28.3	4	18.1	10.0	6.63			
EX-09	13.7	2	3.5	10.0	8.10			
EX-11	13.8	2	3.6	10.0	8.09			
EX-13	13.6	2	3.4	10.0	7.29	7.55	17:18 10/31/22	No Bolts
EX-15	13.4	2	3.2	10.0	8.66			
EX-16	18.0	2	7.7	10.0	NM	NM	lost?	
M-09	191.0	3	165.8	25.0	29.89	31.59	11/1/22	Broken Vault Lid Needs Repair
M-12	195.0	3	164.8	30.0	29.54	31.30	11:00 11/1/22	
M-15	205.0	3	184.8	20.0	29.50	31.56	12:56 Broken TOC 11/1/22	Saved & Bagged. Monsoon Hobby
M-20	227.0	3	201.8	25.0	38.04	40.15	11:56 11/1/22	
M-21	229.0	3	213.8	15.0	NM	NM	Broken TOC	
PAW-MW01	23.3	2			10.25			
PAS-MW02	28.3	2			7.02			
PAS-MW03	23.3	2			5.90			
R-01(I2)	109.1	2	93.9	15.0	14.16		East	
R-01(S1)	14.0	2	3.8	10.0	7.24		Mid	
R-01(S2)	21.3	2	11.1	10.0	7.23		West	
R-03(I1)	85.1	2	69.9	15.0	8.47		North	No Access Locked Gate + IDW
R-03(I2)	108.0	2	92.8	15.0	8.03		Middle	
R-03(S2)	24.7	2	14.4	10.0	6.45		South	
R-04(I2)	96.9	2	81.6	15.0	9.82	12.12	12.12 West 12:06	10/31/2022
R-04(S2)	27.9	2	17.7	10.0	9.98	10.59	10.59 East 12:20	10/31/22
R-05(S2)	28.1	2	17.8	10.0	11.52			

Team 2 = B. Pearson, M. Kieling water levels. Depth to water

☆	R-06(S1)	15.0	2	4.8	10.0	NM	NM	Well filled in
☆	R-06(S2)	24.1	2	13.8	10.0	7.36		
	R-07(S2)	23.4	2	13.2	10.0	NM	NM	Lost well
	R-08(D1)	192.3	2	177.1	15.0	33.96	35.88	12:41 East 10/31/22
	R-08(I2)	96.1	2	80.8	15.0	11.67	11.97	12:46 West 10/31/22
	R-08(S2)	22.9	2	12.7	10.0	11.10	11.68	12:45 Middle 10/31/22
	R-08A(I1)	60.3	2	50.0	10.0	11.78	12.24	12:59 East 10/31/22
	R-08A(S2)	43.2	2	32.5	10.0	12.84	12.39	13:00 East 10/31/22
	R-09(D1)	190.3	2	175.1	15.0	32. NM 92	NM	10:39 11/1/22
	R-09(D2)	264.8	4	244.6	20.0	NM	39. NM 34	10:36 11/1/22
	R-09(D3)	357.0	4	341.8	15.0	37.93	40.84	10:45 11/1/22
open 16	R-09(I1)	70.2	2	54.9	15.0	NM	8. NM 80	10:43 11/1/22
	~~R-09(I2)~~	~~103.2~~	~~2~~	~~87.9~~	~~15.0~~	~~NM~~	NM	N/A 11/1/22
TD 10.12	R-09(S1)	16.8	2	6.5	10.0	NM	NM	~~[illegible]~~
	R-10(D2)	258.0	4	242.8	15.0	38.56	40.17	17:35 10/31/22
	R-10(I1)	88.0	2	72.8	15.0	11.41	12.13	17:36 10/31/22
	R-10(I2)	134.1	2	118.9	15.0	29.46	30.97	17:29 10/31/22
	R-11(I1)	70.0	2	54.8	15.0	19.62	18.80	13:40 East 11/1/22
	R-11(I2)	98.0	2	82.8	15.0	18.87	19.72	13:37 West 11/1/22
	R-12(D1)	189.0	2	173.8	15.0	30.42		
	R-12(D2)	258.0	4	242.8	15.0	33.87		
	R-12(I1)	71.2	2	81.8	15.0	6.24		South of R-12 (D2)
	R-12(I2)	95.5	2	81.8	15.0	NM	NM	Well monument down
	R-12(S1)	19.9	2	9.7	10.0	8.34		
	R-13(I2)	98.0	2	82.8	15.0	8.86	9.15	11:22 11/1/22
☆	R-14(S2)	24.2	2	14.0	10.0	10.30		
	R-15(D1)	205.0	2	184.8	20.0	27.36	28.98	12:45 11/1/22
☆	R-16(S2)	30.0	2	19.8	10.0	10.74		
	R-17(D1)	224.0	2	203.8	20.0	38.91	40.07	13:30 11/1/22
	R-18(D1)	232.0	2	216.8	15.0	40.25	40.28	13:47 11/1/22
	R-19(D1)	227.0	2	211.8	15.0	37.38	37.47	14:09 11/1/22
	R-20(D2)	230.0	2	214.8	15.0	36.01	37.58	11:57 Broken TOC 11/1/22
	R-21(D2)	238.0	2	212.8	25.0	39.75	41.61	14:24 11/1/22
	R-22(D2)	227.0	2	211.8	15.0	33.87	34.98	14:52 10/31/22
	R-23(I1)	65.0	2	49.8	15.0	7.29	7.49	16:46 10/31/22
	R-24(S2)	24.7	2	9.5	15.0	7.03	7.25	13:20 11/1/22
	R-25(S2)	25.2	2	10.0	15.0	8.69	7.91	16:58 10/31/22
	R-26(S2)	40.0	2	19.8	20.0	10.21	10.76	12:28 10/31/22
	R-27(S2)	39.3	2	19.1	20.0	10.52	11.29	~~11.29~~ @ 11:44 10/31/22
	R-28(S2)	33.0	4	7.8	25.0	7.67	7.79	14:38 11/1/22
	R-29A(I1)	60.3	2	40.0	20.0	8.72	8.82	16:18 Open lid ~30 mins before 10/31/22
	R-29A(D1)	165.3	2	150.0	15.0	29.93	31.36	16:13 Open lid ~30 mins before 10/31/22
A	R-31(I1)	95.3	2	75.0	20.0	26.21		Open lid ~30 mins before
A	R-31(I2)	131.3	2	111.0	20.0	26.47		Open lid ~30 mins before
	R-32(I1)	80.3	2	65.0	15.0	15.02	15.34	15:10 10/31/2022
	R-32(I2)	98.8	2	88.5	10.0	15.09	15.18	15:12 10/31/22
	R-32(D2)	252.4	4	236.6	15.0	38.98	40.96	15:09 10/31/2022

Needs tubing

No Bolts

Needs Flush Cap
Could Not Locate

1 Bolt missing

1 Bolt missing

checked TD to confirm

SAVED Tubing

vault Broken
Full of Sand/Mud

EY -13

Team 2 = B. Pearson, M. Kicling water levels.

R-33(I1) S	60.4	2	44.6	15.0	11.78	12'33	13:23	West 10/31/22
R-33(I2) D	97.9	2	87.0	10.0	11.50	11:84	13:25	East 10/31/22
R-34(I1)					NM	8.50	15:44	middle 10/31/22
R-34(I2)					NM	8.32	15:45	East 10/31/22
R-34(D2)	265.4	4	245	20	37.40	38.91	09:53	1/1/22
RDP-01	12.4	2	8.3	4.0	9.62			
RDP-02	8.9	2	4.8	4.0	5.19			
RDP-03	9.1	2	5.0	4.0	6.35			
RDP-04	10.1	2	6.0	4.0	NM		DRIVE PT REINSTALLED - NO SURVEY	

SP

15/16th Bolts -

Appendix C – Biological Sampling Laboratory Analytical Results

Table 7
Results of Quantitative Polymerase Chain Reaction Analysis
North Railroad Avenue Plume Superfund Site, Española, New Mexico

Aquifer Unit	Location	Sample Date	*Dehalococcoides* (cells/mL)	tceA TCE reductase (cells/mL)	vcrA vinyl chloride reductase (cells/mL)	bvcA vinyl chloride reductase (cells/mL)
S1/S2	BCE-5	6/4/2015	1020	10.1	32.1	<0.5
S1/S2	BCE-9	6/4/2015	69.5	3.7	2.7	<0.5
S2	SMW-1 (D)	11/15/2021	2020	13.8	222	<0.5
S2	SMW-2 (D)	6/3/2015	78600	1380	2960	<0.5
S2	SMW-2 (D)	9/13/2016	66200	1370	6390	<0.5
S2	SMW-2 (D)	6/12/2017	26900	3590	5850	<0.8
S2	SMW-2 (D)	5/21/2018	22800	5950	3960	<1.1
S2	SMW-2 (D)	5/14/2019	54000	3940	14100	<0.9
S2	SMW-2 (D)	11/15/2021	196000	25600	9360	<0.5
S2	SMW-2 (D)	11/8/2022	118000	9120	21700	<0.4
S2	SMW-2 (D) Duplicate	11/8/2022	106000	5410	13700	<0.4
S2	SMW-3 (D)	6/3/2015	164000	802	12200	<0.5
S2	SMW-3 (D)	9/13/2016	59900	121	14800	<0.5
S2	SMW-3 (D)	6/12/2017	5780	116	2610	<0.5
S2	SMW-3 (D)	5/14/2019	3480	624	1110	<0.5
S2	SMW-3 (D)	6/5/2020	826	33.7	56.4	<0.5
S2	SMW-3 (D)	11/15/2021	1300	107	73.8	<0.5
S2	SMW-3 (D) Duplicate	11/15/2021	938	181	98.3	<0.5
S2	SMW-3 (D)	11/8/2022	35600	1070	8970	<0.5
S2	SMW-6 (D)	6/3/2015	63400	95.7	6890	<0.5
S2	SMW-6 (D)	9/13/2016	31800	59.4	7270	<0.5
S2	SMW-6 (D)	6/12/2017	6280	44.6	2320	<0.5
S2	SMW-6 (D)	5/14/2019	98300	4750	17900	<4.9
S2	SMW-8 (D)	11/16/2021	4440	113	309	<0.5
S2	SMW-8 (D)	11/8/2022	2780	24.7	315	<1.5
S2	SMW-29 (D)	5/15/2019	430	0.6	73.6	<0.5
S2	SMW-29 (D)	11/8/2022	1620	9.7	307	<0.4
I1	DM-1 (I1)	5/22/2018	1	<0.5	<0.5	<0.5
I1	R-09 (I1)	5/23/2018	25.7	3.3	2.8	<0.5
I1	R-09 (I1)	11/18/2021	76.7	0.8	11.1	<0.5
I1	R-09 (I1)	11/9/2022	52.5	0.9 J	23.1	<0.9
I1	R-23 (I1)	5/17/2018	3.3	<0.5	<0.5	<0.5
I1	R-34 (I1)	12/16/2021	3.4	<0.5	<0.5	<0.5
I2	R-09 (I2)	5/22/2018	0.3 J	<0.5	<0.5	<0.5
I2	R-13 (I2)	5/22/2018	<0.5	<0.5	<0.5	<0.5
I2	R-34 (I2)	12/16/2021	0.9 J	<1.2	<1.2	<1.2
D1	DI-1 (D1)	9/11/2012	8.5	0.3 J	<0.7	<0.7
D1	DI-1 (D1)	6/1/2015	6960	140	27	<2.2
D1	DI-1 (D1)	9/8/2016	12500	34.6	86.4	<3.4
D1	DI-1 (D1)	6/7/2017	6590	174	2100	<1.7
D1	DI-1 (D1)	3/18/2020	23900	79.4	2370	<2.9

Table 7
Results of Quantitative Polymerase Chain Reaction Analysis
North Railroad Avenue Plume Superfund Site, Española, New Mexico

Aquifer Unit	Location	Sample Date	*Dehalococcoides* (cells/mL)	tceA TCE reductase (cells/mL)	vcrA vinyl chloride reductase (cells/mL)	bvcA vinyl chloride reductase (cells/mL)
D1	DI-1 (D1)	6/10/2020	4.2	<0.5	<0.5	<0.5
D1	DI-1 (D1)	2/22/2021	14.2	0.2 J	0.7	0.3 J
D1	DM-1 (D1)	6/1/2015	43.6	<0.5	<0.5	<0.5
D1	DM-1 (D1)	9/8/2016	63.6	<0.5	<0.5	<0.5
D1	DM-1 (D1)	6/7/2017	7.7	<0.5	<0.5	<0.5
D1	DM-1 (D1)	5/23/2018	1.9	<0.5	<0.5	<0.5
D1	DM-1 (D1) Duplicate	5/23/2018	2.9	<0.5	<0.5	<0.5
D1	DM-1 (D1)	6/10/2020	19	<0.5	<0.5	<0.5
D1	DM-2 (D1)	5/21/2018	2.5	<0.5	<0.5	<0.5
D1	DM-2 (D1)	11/11/2022	99.7	0.1 J	<0.5	<0.5
D1	M-09 (D1)	6/2/2015	30200	89.7	2140	<0.5
D1	M-09 (D1)	9/9/2016	67200	23.5	2070	<0.5
D1	M-09 (D1) Duplicate	9/9/2016	22600	7.6	539	<0.5
D1	M-09 (D1)	6/8/2017	262	12.6	331	<0.9
D1	M-09 (D1) Duplicate	6/8/2017	412	12.2	382	<0.7
D1	M-09 (D1)	2/22/2021	43.1	0.4 J	3.2	0.7 J
D1	M-09 (D1)	11/11/2022	1110	2.2	244	<0.8
D1	R-09 (D1)	9/14/2010	9440	-	-	-
D1	R-09 (D1)	2/7/2011	1070	-	-	-
D1	R-09 (D1)	9/11/2012	6860	50.2	4480	<0.7
D1	R-09 (D1)	6/2/2015	3660	59	81.6	1.2 J
D1	R-09 (D1)	9/9/2016	36400	87.8	285	<5.6
D1	R-09 (D1)	6/6/2017	13200	200	4080	<3.1
D1	R-09 (D1)	2/22/2021	4500	14.5	396	<2.2
D1	R-09 (D1)	11/18/2021	38.5	0.3 J	5.1	<0.7
D1	R-12 (D1)	5/17/2018	1.4	<0.5	<0.5	<0.5
D1	R-15 (D1)	9/14/2010	399	-	-	-
D1	R-15 (D1)	2/7/2011	720	-	-	-
D1	R-15 (D1)	11/11/2022	17.5	<0.5	0.8	<0.5
D1	R-29A (D1)	11/11/2022	37.9	<0.5	<0.5	<0.5
D1	R-34 (D1)	6/12/2023	0.3 J	<0.8	<0.8	<0.8
D2	DI-2 (D2)	9/14/2010	29.8	-	-	-
D2	DI-2 (D2)	2/7/2011	133	-	-	-
D2	DM-1 (D2)	6/1/2015	164	0.2 J	<0.5	<0.5
D2	DM-1 (D2)	9/7/2016	302	<0.5	<0.5	<0.5
D2	DM-1 (D2)	6/7/2017	16.7	<0.5	<0.5	<0.5
D2	DM-1 (D2)	5/21/2018	3.2	<0.5	<0.5	<0.5
D2	DM-2 (D2)	5/22/2018	1.4	<0.5	<0.5	<0.5
D2	R-09 (D2)	5/17/2018	0.4 J	<0.5	<0.5	<0.5
D2	R-21 (D2)	9/11/2012	895	179	677	0.1 J
D2	R-21 (D2)	6/2/2015	268000	3780	1900	<5.6

Table 7
Results of Quantitative Polymerase Chain Reaction Analysis
North Railroad Avenue Plume Superfund Site, Española, New Mexico

Aquifer Unit	Location	Sample Date	*Dehalococcoides* (cells/mL)	tceA TCE reductase (cells/mL)	vcrA vinyl chloride reductase (cells/mL)	bvcA vinyl chloride reductase (cells/mL)
D2	R-21 (D2)	9/8/2016	61200	521	314	<4.2
D2	R-21 (D2)	6/8/2017	464	161	151	<3.6
D2	R-21 (D2)	12/16/2021	6200	8.3	272	<3.3
D2	R-34 (D2)	4/16/2021	0.6 J	<1.0	<1.0	<1.0
D2	R-35 (D2)	11/22/2022	3.8	<2.4	<2.4	<2.4

Notes:

See laboratory report in Appendix G for full qPCR results from QuantArray®-Chlor analyses for selected samples.
cis-1,2-DCE = cis-1,2-dichloroethene
DHC = *Dehalococcoides*
J = Estimated gene copies below PQL but above LQL
mL = milliliter
TCE = trichloroethene
VC = vinyl chloride

Microbial Insights guidelines for interpretation are summarized as follows.
DHC >10,000 cells/mL: reductive dechlorination will yield a generally useful biodegradation rate.
DHC between 10 and 10,000 cells/mL: may still support complete reductive dechlorination when VC reductase genes are also detected; consider other site-specific data.
DHC < 10 cells/mL: complete reductive dechlorination is unlikely to occur under existing conditions.
The tceA gene encodes the enzyme for reductive dechlorination of TCE in some strains of DHC;
tceA is favorable but not always necessary for reductive dechlorination of TCE.
The vcrA gene encodes the enzyme for reductive dechlorination of cis-1,2-DCE and VC by DHC strain VS.
The bvcA gene encodes the enzyme for reductive dechlorination of VC by DHC strain BAV1.
Absence of both bvcA and vcrA genes suggests VC may accumulate; presence of either is favorable.

Appendix D – Indoor Air Sampling Laboratory Analytical Results

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Tel: (865)291-3000

Laboratory Job ID: 140-26692-1
Client Project/Site: N. Railroad Ave. Plume Superfund Site

For:
New Mexico Environment Department
1190 S. St. Francis Drive, Ste. N-2262
Santa Fe, New Mexico 87502

Attn: Anthony McGlown

Ryan Henry

Authorized for release by:
3/28/2022 4:17:45 PM

Ryan Henry, Project Manager I
(865)291-3000
williamr.henry@eurofinset.com

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Definitions/Glossary

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Job ID: 140-26692-1

Laboratory: Eurofins Knoxville

Narrative

Job Narrative
140-26692-1

Receipt
The samples were received on 3/17/2022 at 10:30am and arrived in good condition.

Air - GC/MS VOA
Methods TO 15 LL, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Method TO 15 LL: The following sample was diluted due to the limited sample volume: AA-02_03-2022 (140-26692-6). Elevated reporting limits (RLs) are provided.

Method TO 15 LL: The following sample was diluted due to the abundance of non-target analytes: DR CLEANER_03-2022 (140-26692-7). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
140-26692-1	LCCS CLASSROOM #3_03-2022	Air	03/13/22 10:05	03/17/22 10:30	Air Canister (6-Liter) #11088
140-26692-2	LCCS AA-01_3-2022	Air	03/13/22 10:49	03/17/22 10:30	Air Canister (6-Liter) #11678
140-26692-3	LCCS CLASSROOM #1_03-2022	Air	03/13/22 10:44	03/17/22 10:30	Air Canister (6-Liter) #12003
140-26692-4	LCCS CLASSROOM #2_03-2022	Air	03/13/22 10:38	03/17/22 10:30	Air Canister (6-Liter) #34001202
140-26692-5	LCCS CLASSROOM #3-D_03-2022	Air	03/13/22 10:05	03/17/22 10:30	Air Canister (6-Liter) #10191
140-26692-6	AA-02_03-2022	Air	03/15/22 16:32	03/17/22 10:30	Air Canister (6-Liter) #34001369
140-26692-7	DR CLEANER_03-2022	Air	03/15/22 16:30	03/17/22 10:30	Air Canister (6-Liter) #10131
140-26692-8	BARBERSHOP_03-2022	Air	03/15/22 16:38	03/17/22 10:30	Air Canister (6-Liter) #8259
140-26692-9	LCCS CLASSROOM #3 SS-01_03-2022	Air	03/13/22 11:35	03/17/22 10:30	Air Canister (1-Liter) #34002423
140-26692-10	LCCS CLASSROOM #3 SS-01-D_03-2022	Air	03/13/22 11:35	03/17/22 10:30	Air Canister (1-Liter) #11140

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #3_03-2022
Date Collected: 03/13/22 10:05
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-26692-1
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 18:55	1.6
Tetrachloroethene	**0.15**	**J**	0.54	0.081	ug/m3			03/18/22 18:55	1.6
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 18:55	1.6
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 18:55	1.6
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 18:55	1.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 18:55	1.6
Tetrachloroethene	**0.022**	**J**	0.080	0.012	ppb v/v			03/18/22 18:55	1.6
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 18:55	1.6
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 18:55	1.6
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 18:55	1.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*60 - 140*		*03/18/22 18:55*	*1.6*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS AA-01_3-2022

Lab Sample ID: 140-26692-2

Date Collected: 03/13/22 10:49
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 19:47	1.47
Tetrachloroethene	**0.10**	**J**	0.54	0.081	ug/m3			03/18/22 19:47	1.47
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 19:47	1.47
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 19:47	1.47
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 19:47	1.47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 19:47	1.47
Tetrachloroethene	**0.015**	**J**	0.080	0.012	ppb v/v			03/18/22 19:47	1.47
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 19:47	1.47
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 19:47	1.47
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 19:47	1.47

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*60 - 140*		*03/18/22 19:47*	*1.47*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #1_03-2022

Lab Sample ID: 140-26692-3

Date Collected: 03/13/22 10:44
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 20:42	1.6
Tetrachloroethene	**0.30**	**J**	0.54	0.081	ug/m3			03/18/22 20:42	1.6
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 20:42	1.6
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 20:42	1.6
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 20:42	1.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 20:42	1.6
Tetrachloroethene	**0.044**	**J**	0.080	0.012	ppb v/v			03/18/22 20:42	1.6
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 20:42	1.6
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 20:42	1.6
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 20:42	1.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*60 - 140*		*03/18/22 20:42*	*1.6*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #2_03-2022
Lab Sample ID: 140-26692-4
Date Collected: 03/13/22 10:38
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 21:35	1.44
Tetrachloroethene	**0.29**	**J**	0.54	0.081	ug/m3			03/18/22 21:35	1.44
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 21:35	1.44
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 21:35	1.44
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 21:35	1.44

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 21:35	1.44
Tetrachloroethene	**0.043**	**J**	0.080	0.012	ppb v/v			03/18/22 21:35	1.44
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 21:35	1.44
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 21:35	1.44
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 21:35	1.44

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*60 - 140*		*03/18/22 21:35*	*1.44*

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Client Sample ID: LCCS CLASSROOM #3-D_03-2022
Lab Sample ID: 140-26692-5

Date Collected: 03/13/22 10:05
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 22:29	1.47
Tetrachloroethene	**0.15**	**J**	0.54	0.081	ug/m3			03/18/22 22:29	1.47
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 22:29	1.47
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 22:29	1.47
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 22:29	1.47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 22:29	1.47
Tetrachloroethene	**0.022**	**J**	0.080	0.012	ppb v/v			03/18/22 22:29	1.47
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 22:29	1.47
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 22:29	1.47
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 22:29	1.47

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*60 - 140*		*03/18/22 22:29*	*1.47*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: AA-02_03-2022

Lab Sample ID: 140-26692-6

Date Collected: 03/15/22 16:32
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 23:24	1.62
Tetrachloroethene	ND		0.55	0.082	ug/m3			03/18/22 23:24	1.62
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 23:24	1.62
Trichloroethene	ND		0.22	0.071	ug/m3			03/18/22 23:24	1.62
Vinyl chloride	ND		0.10	0.067	ug/m3			03/18/22 23:24	1.62

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.081	0.010	ppb v/v			03/18/22 23:24	1.62
Tetrachloroethene	ND		0.081	0.012	ppb v/v			03/18/22 23:24	1.62
trans-1,2-Dichloroethene	ND		0.081	0.013	ppb v/v			03/18/22 23:24	1.62
Trichloroethene	ND		0.041	0.013	ppb v/v			03/18/22 23:24	1.62
Vinyl chloride	ND		0.041	0.026	ppb v/v			03/18/22 23:24	1.62

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*60 - 140*		*03/18/22 23:24*	*1.62*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: DR CLEANER_03-2022
Date Collected: 03/15/22 16:30
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-26692-7
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/19/22 00:17	1.62
Tetrachloroethene	**7.6**		0.55	0.082	ug/m3			03/19/22 00:17	1.62
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/19/22 00:17	1.62
Trichloroethene	ND		0.22	0.071	ug/m3			03/19/22 00:17	1.62
Vinyl chloride	ND		0.10	0.067	ug/m3			03/19/22 00:17	1.62

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.081	0.010	ppb v/v			03/19/22 00:17	1.62
Tetrachloroethene	**1.1**		0.081	0.012	ppb v/v			03/19/22 00:17	1.62
trans-1,2-Dichloroethene	ND		0.081	0.013	ppb v/v			03/19/22 00:17	1.62
Trichloroethene	ND		0.041	0.013	ppb v/v			03/19/22 00:17	1.62
Vinyl chloride	ND		0.041	0.026	ppb v/v			03/19/22 00:17	1.62

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*60 - 140*		*03/19/22 00:17*	*1.62*

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Client Sample ID: BARBERSHOP_03-2022
Lab Sample ID: 140-26692-8
Date Collected: 03/15/22 16:38
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/19/22 01:10	1.57
Tetrachloroethene	**0.48**	**J**	0.54	0.081	ug/m3			03/19/22 01:10	1.57
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/19/22 01:10	1.57
Trichloroethene	ND		0.21	0.070	ug/m3			03/19/22 01:10	1.57
Vinyl chloride	ND		0.10	0.066	ug/m3			03/19/22 01:10	1.57

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/19/22 01:10	1.57
Tetrachloroethene	**0.071**	**J**	0.080	0.012	ppb v/v			03/19/22 01:10	1.57
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/19/22 01:10	1.57
Trichloroethene	ND		0.040	0.013	ppb v/v			03/19/22 01:10	1.57
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/19/22 01:10	1.57

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*60 - 140*		*03/19/22 01:10*	*1.57*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #3 SS-01_03-2022
Lab Sample ID: 140-26692-9
Date Collected: 03/13/22 11:35
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.2	0.40	ug/m3			03/19/22 01:56	1.67
Tetrachloroethene	**240**		5.4	0.81	ug/m3			03/19/22 01:56	1.67
trans-1,2-Dichloroethene	ND		3.2	0.52	ug/m3			03/19/22 01:56	1.67
Trichloroethene	**1.0**	**J**	2.1	0.70	ug/m3			03/19/22 01:56	1.67
Vinyl chloride	ND		1.0	0.66	ug/m3			03/19/22 01:56	1.67

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.80	0.10	ppb v/v			03/19/22 01:56	1.67
Tetrachloroethene	**35**		0.80	0.12	ppb v/v			03/19/22 01:56	1.67
trans-1,2-Dichloroethene	ND		0.80	0.13	ppb v/v			03/19/22 01:56	1.67
Trichloroethene	**0.19**	**J**	0.40	0.13	ppb v/v			03/19/22 01:56	1.67
Vinyl chloride	ND		0.40	0.26	ppb v/v			03/19/22 01:56	1.67

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*60 - 140*		*03/19/22 01:56*	*1.67*

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #3 SS-01-D_03-2022
Lab Sample ID: 140-26692-10
Date Collected: 03/13/22 11:35
Matrix: Air
Date Received: 03/17/22 10:30
Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.2	0.40	ug/m3			03/19/22 02:40	1.45
Tetrachloroethene	**240**		5.4	0.81	ug/m3			03/19/22 02:40	1.45
trans-1,2-Dichloroethene	ND		3.2	0.52	ug/m3			03/19/22 02:40	1.45
Trichloroethene	ND		2.1	0.70	ug/m3			03/19/22 02:40	1.45
Vinyl chloride	ND		1.0	0.66	ug/m3			03/19/22 02:40	1.45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.80	0.10	ppb v/v			03/19/22 02:40	1.45
Tetrachloroethene	**35**		0.80	0.12	ppb v/v			03/19/22 02:40	1.45
trans-1,2-Dichloroethene	ND		0.80	0.13	ppb v/v			03/19/22 02:40	1.45
Trichloroethene	ND		0.40	0.13	ppb v/v			03/19/22 02:40	1.45
Vinyl chloride	ND		0.40	0.26	ppb v/v			03/19/22 02:40	1.45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*60 - 140*		*03/19/22 02:40*	*1.45*

Default Detection Limits

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	RL	MDL	Units
cis-1,2-Dichloroethene	0.32	0.040	ug/m3
cis-1,2-Dichloroethene	0.080	0.010	ppb v/v
Tetrachloroethene	0.54	0.081	ug/m3
Tetrachloroethene	0.080	0.012	ppb v/v
trans-1,2-Dichloroethene	0.32	0.052	ug/m3
trans-1,2-Dichloroethene	0.080	0.013	ppb v/v
Trichloroethene	0.21	0.070	ug/m3
Trichloroethene	0.040	0.013	ppb v/v
Vinyl chloride	0.10	0.066	ug/m3
Vinyl chloride	0.040	0.026	ppb v/v

Surrogate Summary

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
		BFB						
Lab Sample ID	Client Sample ID	(60-140)						
140-26692-1	LCCS CLASSROOM #3_03-202	78						
140-26692-2	LCCS AA-01_3-2022	74						
140-26692-3	LCCS CLASSROOM #1_03-2022	77						
140-26692-4	LCCS CLASSROOM #2_03-2022	77						
140-26692-5	LCCS CLASSROOM #3-D_03-2022	76						
140-26692-6	AA-02_03-2022	74						
140-26692-7	DR CLEANER_03-2022	77						
140-26692-8	BARBERSHOP_03-2022	74						
140-26692-9	LCCS CLASSROOM #3 SS-01_03-2022	72						
140-26692-10	LCCS CLASSROOM #3 SS-01-D_03-2022	75						
LCS 140-59811/1002	Lab Control Sample	93						
MB 140-59811/4	Method Blank	73						

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 140-59811/4
Matrix: Air
Analysis Batch: 59811

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.32	0.040	ug/m3			03/18/22 13:20	1
Tetrachloroethene	ND		0.54	0.081	ug/m3			03/18/22 13:20	1
trans-1,2-Dichloroethene	ND		0.32	0.052	ug/m3			03/18/22 13:20	1
Trichloroethene	ND		0.21	0.070	ug/m3			03/18/22 13:20	1
Vinyl chloride	ND		0.10	0.066	ug/m3			03/18/22 13:20	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.080	0.010	ppb v/v			03/18/22 13:20	1
Tetrachloroethene	ND		0.080	0.012	ppb v/v			03/18/22 13:20	1
trans-1,2-Dichloroethene	ND		0.080	0.013	ppb v/v			03/18/22 13:20	1
Trichloroethene	ND		0.040	0.013	ppb v/v			03/18/22 13:20	1
Vinyl chloride	ND		0.040	0.026	ppb v/v			03/18/22 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*60 - 140*		*03/18/22 13:20*	*1*

Lab Sample ID: LCS 140-59811/1002
Matrix: Air
Analysis Batch: 59811

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	6.34	5.93		ug/m3		93	70 - 130
Tetrachloroethene	10.9	11.2		ug/m3		103	70 - 130
trans-1,2-Dichloroethene	6.34	5.75		ug/m3		91	70 - 130
Trichloroethene	8.60	8.82		ug/m3		103	70 - 130
Vinyl chloride	4.09	4.63		ug/m3		113	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	1.6	1.50		ppb v/v		93	70 - 130
Tetrachloroethene	1.6	1.66		ppb v/v		103	70 - 130
trans-1,2-Dichloroethene	1.6	1.45		ppb v/v		91	70 - 130
Trichloroethene	1.6	1.64		ppb v/v		103	70 - 130
Vinyl chloride	1.6	1.81		ppb v/v		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*

QC Association Summary

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Air - GC/MS VOA

Analysis Batch: 59811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-26692-1	LCCS CLASSROOM #3_03-2022	Total/NA	Air	TO 15 LL	
140-26692-2	LCCS AA-01_3-2022	Total/NA	Air	TO 15 LL	
140-26692-3	LCCS CLASSROOM #1_03-2022	Total/NA	Air	TO 15 LL	
140-26692-4	LCCS CLASSROOM #2_03-2022	Total/NA	Air	TO 15 LL	
140-26692-5	LCCS CLASSROOM #3-D_03-2022	Total/NA	Air	TO 15 LL	
140-26692-6	AA-02_03-2022	Total/NA	Air	TO 15 LL	
140-26692-7	DR CLEANER_03-2022	Total/NA	Air	TO 15 LL	
140-26692-8	BARBERSHOP_03-2022	Total/NA	Air	TO 15 LL	
140-26692-9	LCCS CLASSROOM #3 SS-01_03-2022	Total/NA	Air	TO 15 LL	
140-26692-10	LCCS CLASSROOM #3 SS-01-D_03-2022	Total/NA	Air	TO 15 LL	
MB 140-59811/4	Method Blank	Total/NA	Air	TO 15 LL	
LCS 140-59811/1002	Lab Control Sample	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Client Sample ID: LCCS CLASSROOM #3_03-2022
Lab Sample ID: 140-26692-1
Date Collected: 03/13/22 10:05
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.6	800 mL	500 mL	59811	03/18/22 18:55	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS AA-01_3-2022
Lab Sample ID: 140-26692-2
Date Collected: 03/13/22 10:49
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.47	735 mL	500 mL	59811	03/18/22 19:47	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS CLASSROOM #1_03-2022
Lab Sample ID: 140-26692-3
Date Collected: 03/13/22 10:44
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.6	800 mL	500 mL	59811	03/18/22 20:42	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS CLASSROOM #2_03-2022
Lab Sample ID: 140-26692-4
Date Collected: 03/13/22 10:38
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.44	720 mL	500 mL	59811	03/18/22 21:35	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS CLASSROOM #3-D_03-2022
Lab Sample ID: 140-26692-5
Date Collected: 03/13/22 10:05
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.47	735 mL	500 mL	59811	03/18/22 22:29	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: AA-02_03-2022
Lab Sample ID: 140-26692-6
Date Collected: 03/15/22 16:32
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.62	800 mL	500 mL	59811	03/18/22 23:24	S1K	TAL KNX
	Instrument ID: MS									

Lab Chronicle

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Client Sample ID: DR CLEANER_03-2022
Lab Sample ID: 140-26692-7
Date Collected: 03/15/22 16:30
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.62	800 mL	500 mL	59811	03/19/22 00:17	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: BARBERSHOP_03-2022
Lab Sample ID: 140-26692-8
Date Collected: 03/15/22 16:38
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.57	785 mL	500 mL	59811	03/19/22 01:10	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS CLASSROOM #3 SS-01_03-2022
Lab Sample ID: 140-26692-9
Date Collected: 03/13/22 11:35
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.67	83.5 mL	500 mL	59811	03/19/22 01:56	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: LCCS CLASSROOM #3 SS-01-D_03-2022
Lab Sample ID: 140-26692-10
Date Collected: 03/13/22 11:35
Matrix: Air
Date Received: 03/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1.45	72.5 mL	500 mL	59811	03/19/22 02:40	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: Method Blank
Lab Sample ID: MB 140-59811/4
Date Collected: N/A
Matrix: Air
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1	500 mL	500 mL	59811	03/18/22 13:20	S1K	TAL KNX
	Instrument ID: MS									

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 140-59811/1002
Date Collected: N/A
Matrix: Air
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1	500 mL	500 mL	59811	03/18/22 10:16	S1K	TAL KNX
	Instrument ID: MS									

Laboratory References:
TAL KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: New Mexico Environment Department
Job ID: 140-26692-1
Project/Site: N. Railroad Ave. Plume Superfund Site

Laboratory: Eurofins Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	N/A	
ANAB	Dept. of Defense ELAP	L2311	02-13-25
ANAB	Dept. of Energy	L2311.01	02-13-25
ANAB	ISO/IEC 17025	L2311	02-13-25
Arkansas DEQ	State	88-0688	06-17-22
California	State	2423	06-30-22
Colorado	State	TN00009	02-28-23
Connecticut	State	PH-0223	09-30-23
Florida	NELAP	E87177	06-30-22
Georgia (DW)	State	906	12-11-22
Hawaii	State	NA	12-11-22
Kansas	NELAP	E-10349	10-31-22
Kentucky (DW)	State	90101	12-31-22
Louisiana	NELAP	83979	06-30-22
Louisiana (DW)	State	LA019	12-31-22
Maryland	State	277	03-31-22
Michigan	State	9933	12-11-22
Nevada	State	TN00009	07-31-22
New Hampshire	NELAP	299919	01-17-23
New Jersey	NELAP	TN001	06-30-22
New York	NELAP	10781	03-31-22
North Carolina (DW)	State	21705	07-31-22
North Carolina (WW/SW)	State	64	12-31-22
Ohio VAP	State	CL0059	06-02-23
Oklahoma	State	9415	08-31-22
Oregon	NELAP	TNI0189	12-31-22
Pennsylvania	NELAP	68-00576	12-31-22
Tennessee	State	02014	12-11-22
Texas	NELAP	T104704380-18-12	08-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-19-00236	08-20-22
Utah	NELAP	TN00009	07-31-22
Virginia	NELAP	460176	09-14-22
Washington	State	C593	01-19-23
West Virginia (DW)	State	9955C	12-31-22
West Virginia DEP	State	345	04-30-22
Wisconsin	State	998044300	08-31-22

Method Summary

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job ID: 140-26692-1

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Eurofins TestAmerica, Knoxville
5815 Middlebrook Pike

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

Canister Samples Chain of Custody Record

eurofins Environment Testing TestAmerica

TestAmenca Laboratones, Inc. assumes no liability with respect to the collection and shipment of these samples.

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Anthony McGlown	**Samples Collected By:** AM
Company Name: NMED	Phone: 505-660-8121	
Address: 1190 S St Francis Dr.	Email: Anthony.mcglown@state.nm.us	
City/State/Zip Santa Fe, NM 87502		
Phone:	Site Contact:	
FAX:	Tel/Fax	
Project Name: NRAP	**Analysis Turnaround Time**	
Site/Location:	Standard (Specific): X	
P O #	Rush (Specifiy):	

COC No:
of 2 COCs
TALS Project #:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
LCCS Classroom #3_03-2022	3/12	1157	3/13	1005	-25	-8	7434	11088	X														
LCCS AA-01_03-2022	3/12	1141	3/13	1049	-23	-5	7020	11678	X														
LCCS Classroom #1_03-2022	3/12	1151	3/13	1044	-23	-7	7024	12003	X														
LCCS Classroom #2_03-2022	3/12	1145	3/13	1038	-25.5	-4.5	7254	34001202	X														
LCCS Classroom #3-D_03-2022	3/12	1157	3/13	1005	-22	-4	8842	10191	X														

Rec @ ambient
RD 03.17.22
Custody seal intact
2 bags RD 03.17.22
Fedex# 2709 4452 2379
11 cans 2(e)+9 flows IT

	Temperature (Fahrenheit)		
	Start	Interior	Ambient
	Stop		

	Pressure (Inches of Hg)		
	Start	Interior	Ambient
	Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:** 3/16/22 1400	**Samples Received by:**	
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

RD 03.17.22 10:30

140-26692 Chain of Custody

Eurofins TestAmerica, Knoxville
5815 Middlebrook Pike

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

Canister Samples Chain of Custody Record

eurofins | Environment Testing TestAmerica

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Anthony McGlown	**Samples Collected By:** AM
Company Name: NMED	**Phone:** 505-660-8121	
Address: 1190 S St Francis Dr.	**Email:** Anthony.mcglown@state.nm.us	
City/State/Zip Santa Fe, NM 87502		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name: NRAP	**Analysis Turnaround Time**	
Site/Location:	**Standard (Specific):** X	
P O #	**Rush (Specifiy):**	

COC No: 2 of 2 COCs

TALS Project #:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
AA-02_03-2022	3/15	1013	3/15	1632	-28	-8	8544	34001369	X														
Dry Cleaner_03-2022	3/15	1005	3/15	1630	-26	-9	11894	10131	X														
Barber Shop_03-2022	3/15	0914	3/15	1638	-25	-7	11732	8259	X														
LCCS Classroom #3 SS-01_03-2022	3/13	1128	3/13	1135	-23.5	-7	10889	34002423	X														
LCCS Classroom #3 SS-01-D_03-2022	3/13	1128	3/13	1135	-25	-4	10916	11140	X														

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (Inches of Hg)		
	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:** 3/16/22 1400	**Samples Received by:** 03.17.22 10:30
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Form No. CA-C-WI-003, Rev. 2.23, dated 5/4/2020

Loc: 140
26692

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number: _____

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	✓			☐ **Containers, Broken**
2. Were ambient air containers received intact?			✓	☑ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	✓			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID :_____ Correction factor: _____			✓	☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**
5. Were all of the sample containers received intact?	✓			☐ **Containers, Broken**
6. Were samples received in appropriate containers?	✓			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**
8. Were all of the samples listed on the COC received?	✓			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**
9. Is the date/time of sample collection noted?	✓			☐ **COC; No Date/Time; Client Contacted**
10. Was the sampler identified on the COC?	✓			☐ **Sampler Not Listed on COC**
11. Is the client and project name/# identified?	✓			☐ **COC Incorrect/Incomplete**
12. Are tests/parameters listed for each sample?	✓			☐ **COC No tests on COC**
13. Is the matrix of the samples noted?	✓			☐ **COC Incorrect/Incomplete**
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **COC Incorrect/Incomplete**
15. Were samples received within holding time?	✓			☐ **Holding Time - Receipt**
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**
17. Were VOA samples received without headspace?			✓	☐ **Headspace (VOA only)**
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:_____			✓	☐ **Residual Chlorine**
19. For 1613B water samples is pH<9?			✓	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			•	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: 14005150 PM Instructions: _____

Sample Receiving Associate: _____ Date: 03.17.22

QA026R32.doc, 062719

Eurofins Knoxville - Air Canister Initial Pressure Check

Gauge ID: G5
Date/Time: 3/17/22 1438

Analyst	Sample ID	Pressure @ Receipt (-in Hg or +psig)/initial pressurisation (if applicable)	Asset #	Cleaning Job	Cert Type	Size (L)	Comments
BRS	140-26692-a-1	-11.2/0.0	11088	140-26440-a-3	IND	6	
BRS	140-26692-a-2	-9.5/0.0	11678	140-26440-a-7	IND	6	
BRS	140-26692-a-3	-11.2/0.0	12003	140-26440-a-16	IND	6	
BRS	140-26692-a-4	-9.2/0.0	34001202	140-26440-a-2	IND	6	
BRS	140-26692-a-5	-9.6/0.0	10191	140-26440-a-4	IND	6	
BRS	140-26692-a-6	-11.4/0.0	34001369	140-26440-a-9	IND	6	
BRS	140-26692-a-7	-11.4/0.0	10131	140-26440-a-10	IND	6	
BRS	140-26692-a-8	-10.9/0.0	8259	140-26440-a-13	IND	6	
BRS	140-26692-a-9	-10.9/0.9	34002423	140-26387-a-1	B	1	
BRS	140-26692-a-10	-7.4/1.3	11140	140-26301-a-1	B	1	

Summa Canister Dilution Worksheet

Client: New Mexico Environment Department
Project/Site: N. Railroad Ave. Plume Superfund Site

Job No.: 140-26692-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
140-26692-1	6	-11.2	0.63	3.75	0.0	1.00	6.00		1.60	1.60	G5	03/17/22 15:14	BRS
140-26692-2	6	-9.5	0.68	4.09	0.0	1.00	6.00		1.47	1.47	G5	03/17/22 15:14	BRS
140-26692-3	6	-11.2	0.63	3.75	0.0	1.00	6.00		1.60	1.60	G5	03/17/22 15:14	BRS
140-26692-4	6	-9.2	0.69	4.16	0.0	1.00	6.00		1.44	1.44	G5	03/17/22 15:15	BRS
140-26692-5	6	-9.6	0.68	4.07	0.0	1.00	6.00		1.47	1.47	G5	03/17/22 15:15	BRS
140-26692-6	6	-11.4	0.62	3.71	0.0	1.00	6.00		1.62	1.62	G5	03/17/22 15:15	BRS
140-26692-7	6	-11.4	0.62	3.71	0.0	1.00	6.00		1.62	1.62	G5	03/17/22 15:15	BRS
140-26692-8	6	-10.9	0.64	3.81	0.0	1.00	6.00		1.57	1.57	G5	03/17/22 15:16	BRS
140-26692-9	1	-10.9	0.64	0.64	0.9	1.06	1.06		1.67	1.67	G5	03/17/22 15:16	BRS
140-26692-10	1	-7.4	0.75	0.75	1.3	1.09	1.09		1.45	1.45	G5	03/17/22 15:16	BRS

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)