Appendix 4.6-4: Soil/Groundwater Phase II

PARTNER

PHASE II SUBSURFACE INVESTIGATION REPORT

16829-16839 South Normandie Avenue
Gardena, California 90247

July 26, 2021
Partner Project Number: 21-325299.3

Prepared for:

Coastline Real Estate Advisors, Inc.
134 Lomita Street
El Segundo, California 90245

Engineers who understand your business

PARTNER

July 26, 2021

Erich Koenig II
Coastline Real Estate Advisors, Inc.
134 Lomita Street
El Segundo, California 90245

Subject: Phase II Subsurface Investigation Report
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number: 21-325299.3

Dear Mr. Koenig II:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the assessment performed at the above-referenced property. The following report describes the field activities, methods, and findings of the Phase II Subsurface Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Jenny Redlin at (310) 765-7243.

Sincerely,

Partner Engineering and Science, Inc.

Sean Hanrahan
Environmental Professional

Terri Men
Senior Author

PROFESSIONAL GEOLOGIST
SAMANTHA J. FUJITA
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TABLE OF CONTENTS

ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

The purpose of the investigation was to evaluate the potential impact of petroleum hydrocarbons and volatile organic compounds (VOCs) to soil gas, soil, and/or groundwater as a consequence of a release or releases from the current and/or former on-site industrial activities. Coastline Real Estate Advisors, Inc. provided project authorization of Partner Proposal Number P21-325299.2.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by Coastline Real Estate Advisors, Inc. (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at http://www.partneresi.com/terms-and-conditions.php.

2.0 SITE BACKGROUND

2.1 Site Description

The subject property consists of three parcels of land comprising approximately 1.35 acres located on the southwest corner of the intersection of South Normandie Avenue and 169th Street within a mixed industrial and residential area of Gardena, Los Angeles County, California. The subject property is currently developed with three single- to two-story light industrial buildings (addressed as 16829, 16831, and 16835-16839 South Normandie Avenue, herein referred to as Buildings A through C, respectively), one of which is constructed with a mezzanine, which total 20,480 square feet. In addition to the current structures, the subject property is improved with asphalt-paved and unpaved parking areas. The majority of the subject property is currently occupied by Property Prep Services for light industrial use. Two of the units in the multi-tenant structure (Building C) are leased out to general office and storage tenants. On-site operations consist of the storage of power wash equipment that is utilized during the prep and cleaning of parking structures. The subject property is also equipped with an aboveground clarifier that is utilized to separate sediment from dirty wash water that is brought in from off-site cleaning operations.

The subject property is bound by new construction to the north across 169th Street, residential properties to the east across Normandie Avenue, an industrial facility to the south, and residential properties to the west. Refer to Figure 1 for a site vicinity map showing site features and surrounding properties.

2.2 Site History

Partner completed a *Phase I Environmental Site Assessment Report* (Phase I) for the subject property, dated July 14, 2021, on behalf of Coastline Real Estate Advisors, Inc. According to the reviewed historical sources, the subject property was formerly occupied by a rural residence from at least 1928 until at least 1952; developed with Building C in 1957, developed with Building A in 1963, and developed with Building B by 1978. The subject property appears to have been occupied by industrial operations since the construction of Building C in 1957. Tenants on the subject property have included residential tenants (1928-1952); Silagy Plastering (1960); Wright Bors MFG (1964); Bjerke Nicholson Construction Company (1964-1970); Pied Pipers the MFRS (1975); AV Pallets (1985-2015); Owen Machine Company (1976-1986); Tans MFG (1985); FM Engine (2004-2015); Servsoft Water Refiners/Miracle Water (1990-2015); Olympic Van Lines (1990); B&M Silkscreening (1990); Avenue Auto Body (1993-1999); KS Custom Cabinets (2001-2015); C&H Heating & Air Conditioning (2015), and Property Prep Services (2016 to present).

The following recognized environmental condition (REC) was identified in the Phase I:

- Based on the historical and regulatory sources, the subject property has been occupied by various light-industrial tenants since initial development in 1957. These tenants include two machine shops, an auto body repair operation, an engine repair business (FM Engine), a cabinet maker, and several manufacturing entities, that would have presumably used and/or stored hazardous substances. These entities include Silagy Plastering (1960); Wright Bors MFG (1964); Bjerke Nicholson Construction Company (1964-1970); Pied Pipers the MFRS (1975); Owen Machine Company (1976-1986); Tans MFG (1985); FM Engine (2004-2015); Servsoft Water Refiners/Miracle Water (1990-2015); Olympic Van Lines (1990); B&M Silk-screening (1990); Avenue Auto Body (1993-1999); and KS Custom Cabinets (2001-2015). Several of the manufacturing tenant listings were prior to 1980; therefore, there is no

documentation pertaining to historical hazardous substance use, storage, or disposal practices. Additionally, several paint booths were historically identified in connection with former tenants Avenue Auto Body and KS Custom Cabinets, which confirms the historical on-site usage of solvents. Partner was not provided with any previous subsurface investigations in connection with the subject property. Furthermore, Partner understands the subject property is planned for residential redevelopment. Based on the plan to redevelop this site with a sensitive receptor (i.e. residential), the long-term duration of use/occupancy by businesses that used, stored and disposed of hazardous substances (60+ years), and lack of any subsurface data, the long-term light-industrial usage of the subject property is considered to be a REC.

2.3 Geology and Hydrogeology

Review of the United States Geological Survey (USGS) *Inglewood, California* Quadrangle topographic map, indicates the subject property is situated approximately 34 feet above mean sea level, and the local topography is sloping gently to the south-southeast. Refer to Figure 2 for a topographic map of the site vicinity.

The subject property is located in the northeastern portion of the Los Angeles Coastal Plain and is on the ancestral flood plain of the Coyote Creek-Los Angeles River drainages. The subject property is situated near the center of the Montebello Forebay Area of the Central Basin of the Los Angeles Coastal Plain. Sediments in this area exceed 6,000 feet in thickness and consist mainly of non-marine and marine clastic sediments. Fresh water-bearing sediments are predominantly Holocene and Pleistocene non-marine clays, silts, sands and gravels about 1,000 feet thick in this area. These sediments are underlain by late Tertiary marine clastic sedimentary rocks of the Pico, Repetto and Puente Formations.

Based on borings advanced during this investigation, the underlying subsurface consists predominantly of fine- to medium-grained silty sands from the ground surface to approximately 15 feet below ground surface (bgs). From 15 to 30 feet bgs, the subsurface consists predominantly of sandy silts. Groundwater was encountered during this investigation at approximately 28 feet bgs. Refer to Appendix A for boring logs from this investigation.

3.0 FIELD ACTIVITIES

The Phase II Subsurface Investigation scope included the advancement of five borings (B1 through B5) to collect representative soil, groundwater, and soil gas samples. Refer to Table 1 for a summary of the boring locations, sampling schedule, and laboratory analyses for this investigation.

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Utility Clearance

Partner delineated the work area with white spray paint and notified Underground Service Alert (USA) to clear public utility lines as required by law at least two business days prior to drilling activities. USA issued ticket number A211951032-00A for the project.

In addition, Partner subcontracted with Ground Penetrating Radar Systems (GPRS) on July 19, 2021, to clear boring locations of utilities. GPRS systematically free-traversed each proposed boring location with a Radiodetection model RD7000 electromagnetic induction (EM) equipment unit with line-tracing capabilities, and a GSSI model SIR-3000 ground penetrating radar (GPR) unit. The data was interpreted in real time for evidence of utility lines and other subsurface features of potential concern. Based on the findings of the GPR survey, no subsurface utilities were identified within the proposed boring locations.

3.1.2 Health and Safety Plan

Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of drilling activities.

3.2 Drilling Equipment

On July 19, 2021, Partner subcontracted with Kehoe Testing & Engineering (Kehoe) (State of California Water Well Drilling Contractor License Number 786163) to provide and operate drilling equipment. Kehoe, under the direction of Partner, advanced borings B1 and B2 with a limited-access Geoprobe Model 540MT direct-push drill rig. Borings B3 through B5 were advanced with a truck-mounted Geoprobe Model 7800 direct-push drill rig. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

3.3 Sample Locations

Boring B1 was advanced adjacent to the wastewater treatment system located in the southwest portion of Building B. Boring B2 was advanced in the southeast portion of Building B. Boring B3 was advanced within a storage area in the north interior of Building C. Boring B4 was advanced in an area of stained pavement in the southwest exterior of the subject property. Boring B5 was advanced in the storage yard located in the northwest exterior of the subject property. Refer to Figure 3 for a map indicating sample locations.

3.4 Soil Sampling

Borings B1 through B3 were overlain by concrete, which was penetrated using a concrete coring attachment advanced by the direct-push drill rig. Borings B4 and B5 were overlain by asphalt, which was penetrated

using a punch bit attachment advanced by the direct-push drill rig. Borings B1 through B5 were advanced to a terminal depth of 30 feet bgs.

Soil samples were collected using a 2-foot long by 1.5-inch diameter sampler with a 2-foot long acetate liner and sampling point. The sampler was advanced by the direct-push drill rig using 4-foot long by 1.25-inch diameter hollow rods with the inner rods in place. At approximately 1 foot above the desired sampling depth, an inner rod was removed and the sampler was advanced to the desired sampling depth to allow undisturbed soil to enter the sampling liner. The sampler was retrieved from the subsurface and the soil-filled liner was removed.

Each acetate liner was cut using a pipe-cutter. Samples were collected from the lower half of the liner using a disposable plastic syringe and retained in two sodium bisulfate-preserved and one methanol-preserved volatile organics analysis (VOA) vials in accordance with United States Environmental Protection Agency (EPA) Method 5035 sampling protocol. The remainder of the lower half of the liner was capped on either end with Teflon tape and plastic caps. The capped liners and VOA vials were labeled for identification and stored in an iced cooler. Soil in the upper half of the liner was visually inspected for discoloration, monitored for odors, classified in accordance with the Unified Soil Classification System (USCS), placed in a sealable plastic bag, and field-screened with a photoionization detector (PID). None of the samples exhibited discoloration or an odor. PID readings ranged from 0.0 to 1.1 parts per million (ppm).

Soil samples were collected from each boring at 2, 5, 10, 15, 20, 25 and 30 feet bgs.

3.5 Groundwater Sampling

After soil sampling to the terminal depth of borings B1 through B5, a groundwater samples were collected by withdrawing the drill rods from the subsurface and installing ¾-inch diameter temporary monitoring wells within the open boreholes. Each monitoring well consisted of a 10-foot long, 0.010-inch factory-slotted polyvinyl chloride (PVC) screen at the terminal end and blank PVC risers from the top of the screen interval to the ground surface. New screens and tubing were used for each monitoring well. The risers were decontaminated between boreholes to prevent cross-contamination.

Groundwater samples were retrieved from each monitoring well using a new section of 3/8-inch diameter polyethylene tubing with a check valve at the terminal end and conveyed into two hydrochloric acid-preserved VOA vials. Each vial was filled with no observable headspace or air bubbles to minimize the potential for volatilization, labeled for identification, and stored in an iced cooler.

Groundwater samples were collected from borings B1 through B5 at approximately 28 feet bgs.

3.6 Soil Gas Sampling

Soil Gas Probe Construction

Soil gas probes screened at 5 feet bgs were constructed within the boreholes upon completion of soil sampling. Boreholes were backfilled with dry, granular bentonite to approximately 6 inches below the desired sampling depth. A new section of ¼-inch diameter Nylaflow tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter PVC casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately 1-foot long sand pack around

the polypropylene filter, at which time the PVC piping was withdrawn. Approximately 1 foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to the ground surface to form a seal. The sampling end of the tubing was fitted with a valve and the probe was labeled for identification.

Soil Gas Sampling Methodology

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (LARWQCB) "Advisory – Active Soil Gas Investigations."

Soil gas samples were collected using 1-liter, stainless-steel, cylindrical SUMMA canisters. The sampling containers were provided by Enthalpy Analytical (Enthalpy), a state-certified laboratory [State Water Resources Control Board (SWRCB) Environmental Laboratory Accreditation Program (ELAP) certificate number 1338] in Orange, California, which subjected each canister to a rigorous cleaning process using a combination of dilution, heat, and high vacuum. After cleaning, the canisters were batch-certified to be free of target contaminants to a specified reporting limit (RL) via gas chromatography/mass spectroscopy (GC/MS) prior to delivery.

Partner received the SUMMA canisters evacuated to approximately -30 inches of mercury. The SUMMA canisters were fitted with stainless-steel flow controllers, which Enthalpy calibrated to maintain constant flow (approximately 0.1 liter per minute) for approximately 5 to 10 minutes of sampling time.

Each probe was allowed to equilibrate for a minimum of two hours after installation prior to sampling. After equilibration, the sample tubing and sampler screen were purged of three probe volumes of ambient air using a plastic syringe. A tracer gas [1,1-difluoroethane (DFA)] was placed around each probe at the ground surface while sampling to detect ambient air intrusion. Once the sampling tubing was purged of ambient air, the sampling end of the tubing was fitted to the sampling canister and the port valve was opened, causing air to enter the sample container due to the pressure differential. Partner closed the valves after the canister was evacuated to approximately -1 to -2 inches of mercury, with pertinent data (e.g., time, canister vacuum) recorded at the start and end of sampling. The SUMMA canisters were disconnected from the sampling ports and canister identifications were noted for the corresponding sample.

Soil gas samples were collected from borings B1 through B5 at 5 feet bgs.

3.7 Post-Sampling Activities

Probes and temporary wells were removed from the subsurface and the boreholes were backfilled with hydrated bentonite chips following sampling activities. Boreholes were capped with concrete patch to match existing ground cover after being backfilled. No significant amounts of derived wastes were generated during this investigation.

4.0 DATA ANALYSIS

4.1 Laboratory Analysis

Partner collected 35 soil samples, five groundwater samples, and five soil gas samples on July 19, 2021, which were transported in an iced cooler (soil and groundwater samples) or at ambient temperature (soil gas samples) under chain-of-custody protocol to Enthalpy for analysis. Based on field-screening results, visual observations, and/or olfactory observations, one soil sample per boring (five soil samples total) was analyzed for carbon chain total petroleum hydrocarbons (TPH-cc), specifically gasoline-, diesel-, and oil-range organics (GRO, DRO, and ORO, respectively) via EPA Method 8015M, VOCs via EPA Method 8260B, and polycyclic aromatic hydrocarbons (PAHs) via EPA Method 8270C-select ion monitoring (SIM). Each groundwater sample (five groundwater samples total) was analyzed for VOCs via EPA Method 8260B and PAHs via EPA Method 8270C-SIM. Each soil gas sample (five soil gas samples total) was analyzed for VOCs via EPA Method TO-15. The remaining soil samples were placed on hold at the laboratory.

Laboratory analytical results are included in Appendix B and discussed below.

4.2 Regulatory Agency Comparison Criteria

Maximum Soil Screening Levels

Maximum Soil Screening Levels (SSLs) are concentrations of petroleum hydrocarbons that are allowed to remain in soil without potentially degrading the quality of groundwater underlying a site. Maximum SSLs are established and enforced by the LARWQCB.

Department of Toxic Substances Control Regional Screening Levels

Regional Screening Levels (RSLs) are generic, risk-based chemical concentrations developed by the EPA for use in initial screening-level evaluations. RSLs combine human health toxicity values with standard exposure factors to estimate contaminant concentrations that are considered to be health protective of human exposures over a lifetime through direct-contact exposure pathways (e.g., via inhalation and/or ingestion of and/or dermal contact with impacted soil and/or indoor air). RSLs are not legally enforceable standards, but rather are considered guidelines to evaluate if potential risks associated with encountered chemical impacts may warrant further evaluation.

The DTSC Office of Human and Ecological Risk (HERO) developed California-Modified RSLs based on a review of 1) RSL concentrations, and 2) recent toxicity values.

While soil gas detections are not immediately comparable to the indoor air quality guidelines within the RSLs, the DTSC issued recommended a default attenuation factor of 0.03 per the June 2015 EPA *Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*. With the indoor air RSLs and default attenuation factors, the associated Residential and Commercial/Industrial Soil Gas Screening Levels (SGSLs) can be calculated.

Maximum Contaminant Levels

Maximum Contaminant Levels (MCLs) are primary standards of drinking water enacted by the California Department of Public Health and enforced by the LARWQCB. MCLs are available for various chemicals and

are considered concentrations that are health protective of human exposures over a lifetime through direct-contact exposure pathways (e.g., ingestion).

4.3 Soil Sample Data Analysis

DRO and ORO were detected above the laboratory method detection limits (MDLs) in each of the analyzed soil samples; however, the detected concentrations were below the respective Maximum SSLs. Partner notes that these compounds were detected in several of the method blanks; therefore, the concentrations may be an overestimation of actual conditions.

Various VOCs, including bromomethane; acetone; methylene chloride; 2-butanone; benzene; and toluene; were detected above the laboratory MDLs in the analyzed soil samples; however, the detected concentrations were below the respective residential and commercial/industrial RSLs.

Various PAHs, including phenanthrene; fluoranthene; pyrene; benzo(a)anthracene; chrysene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; indeno(1,2,3-cd)pyrene; and benzo(g,h,i)perylene, were detected above the laboratory MDLs in the analyzed soil samples; however, the detected concentrations were below the respective residential and commercial/industrial RSLs.

Based on the findings, the soil samples placed on hold at the laboratory were not analyzed.

Refer to Table 2 for a summary of the soil sample TPH-cc laboratory results and Table 3 for a summary of the soil sample VOCs and PAHs laboratory analysis results.

4.4 Groundwater Sample Data Analysis

Various VOCs, including bromomethane; 2-butanone; chloroform; toluene; m,p-xylenes; o-xylene; naphthalene; and xylene (total); and the PAH naphthalene were detected above laboratory MDLs in four of the five analyzed groundwater samples; however, the detected concentrations did not exceed the respective MCLs.

Refer to Table 4 for a summary of the groundwater sample VOCs and PAHs laboratory analysis results.

4.5 Soil Gas Sample Data Analysis

Various VOCs, including Freon 12; chloromethane; bromomethane; chloroethane; trichlorofluoromethane; Freon 113; acetone; carbon disulfide; isopropanol (IPA); methylene chloride; n-hexane; 2-butanone; chloroform; carbon tetrachloride; benzene; trichloroethene (TCE); 4-methyl-2-pentanone; toluene; tetrachloroethene (PCE); ethylbenzene; m,p-xylenes; o-xylene; styrene; 4-ethyltoluene; 1,3,5-trimethylbenzene (TMB); 1,2,4-TMB; 1,2,4-trichlorobenzene; hexachlorobutadiene; and xylene (total); were detected above laboratory MDLs in the analyzed soil gas samples. Of these, the detected concentrations of methylene chloride; chloroform; carbon tetrachloride; benzene; TCE; PCE; ethylbenzene; 1,2,4-trichlorobenzene; and hexachlorobutadiene exceeded the residential SGSLs. Additionally, benzene; TCE; PCE; ethylbenzene; 1,2,4-trichlorobenzene; and hexachlorobutadiene concentrations exceeded commercial/industrial SGSLs. None of the remaining detections of VOCs in soil gas were in exceedance of residential or commercial/industrial SGSLs. The laboratory MDLs for several VOCs were above the respective SGSLs; however, based on the regulatory exceedances of several compounds, this limitation is not expected to significantly alter the findings of this investigation.

The tracer compound (1,1-DFA) was detected in four of the analyzed soil gas samples at concentrations. According to the DTSC, detection of tracer compound at concentrations of less than 10 times the laboratory RL of the target analyte are considered insignificant. For the purposes of this investigation, the lowest RL [ranging from 3.8 micrograms per cubic meter ($\mu g/m^3$) to 150 $\mu g/m^3$ for vinyl chloride] was utilized for comparison. Each of the four 1,1-DFA concentrations exceeded the respective significance thresholds, indicating a potential breach in the sampling train, and thereby resulting in an underestimation of actual conditions at the site. Based on the soil and groundwater data available for the site and the soil gas exceedances, this limitation is not anticipated to materially impact the findings of this investigation.

Refer to Table 5 for a summary of the soil gas sample VOCs laboratory analysis results.

4.6 Discussion

Based on the findings of this investigation, there appears to have been a release of petroleum hydrocarbons and VOCs impacting the subject property subsurface. Based on the soil and groundwater concentrations, the impacts do not appear to represent a measurable direct exposure or groundwater quality concern; however, based on the soil gas exceedances, Partner is unable to rule out potential human health concerns via the inhalation pathway for the current commercial or future residential occupants. As the site is planned for redevelopment, it is likely that soil gas concentrations will reduce during grading activities. Accordingly, Partner recommends performance of post-grading soil gas sampling to confirm whether the soil gas concentrations have reduced to acceptable concentrations. In the event that the soil gas concentrations remain elevated, implementation of a vapor mitigation system (e.g., vapor barrier, sub-slab depressurization system, soil vapor extraction, etc.) may be warranted.

5.0 SUMMARY AND CONCLUSIONS

Partner conducted a Phase II Subsurface Investigation at the subject property to evaluate the potential impact of petroleum hydrocarbons, VOCs, and/or PAHs to soil, groundwater, and/or soil gas as a consequence of a release or releases from the current and former on-site industrial operations. The scope of the investigation included the advancement of five borings. Five soil samples were analyzed for TPH-cc, PAHs, and VOCs, five groundwater samples were analyzed for PAHs and VOCs, and five soil gas samples were analyzed for VOCs.

Subsurface lithology encountered in the upper 15 feet bgs consisted light brown, silty sand with small to medium gravels throughout. From 15 feet bgs to 25 feet bgs, the subsurface consisted predominantly of light brown, moist, compacted, sandy silts. From 25 to 30 feet bgs, the subsurface consisted predominantly of light brown, wet, sandy silt. Groundwater was encountered at a depth of 28 feet bgs.

Various VOCs and PAHs, DRO, and ORO were detected in the analyzed soil samples, however, did not exceed the respective regulatory guidelines. Various VOCs and the PAH naphthalene were detected in the analyzed groundwater samples, however, did not exceed the respective regulatory guidelines. Several VOCs were detected in the analyzed soil gas samples. Of these, the detected concentrations of methylene chloride; chloroform; carbon tetrachloride; benzene; TCE; PCE; ethylbenzene; 1,2,4-trichlorobenzene; and hexachlorobutadiene exceeded the residential SGSLs. Additionally, benzene; TCE; PCE; ethylbenzene; 1,2,4-trichlorobenzene; and hexachlorobutadiene concentrations exceeded commercial/industrial SGSLs. None of the remaining detections of VOCs in soil gas were in exceedance of the respective regulatory guidelines.

Based on the findings of this investigation, there appears to have been a release of petroleum hydrocarbons and VOCs impacting the subject property subsurface. Based on the soil and groundwater concentrations, the impacts do not appear to represent a measurable direct exposure or groundwater quality concern; however, based on the soil gas exceedances, Partner is unable to rule out potential human health concerns via the inhalation pathway for the current commercial or future residential occupants. As the site is planned for redevelopment, it is likely that soil gas concentrations will reduce during grading activities. Accordingly, Partner recommends performance of post-grading soil gas sampling to confirm whether the soil gas concentrations have reduced to acceptable concentrations. In the event that the soil gas concentrations remain elevated, implementation of a vapor mitigation system (e.g., vapor barrier, sub-slab depressurization system, soil vapor extraction, etc.) may be warranted.

TABLES

PARTNER

Table 1: Summary of Investigation Scope
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number 21-325299.3
July 19, 2021

Boring Identification	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
B1	Adjacent to wastewater treatment system in southwest portion of Building B	30	Soil Gas	*5*	VOCs
			Soil	***2***, 5, 10, 15, 20, 25, 30	TPH-cc, VOCs, PAHs
			Groundwater	*28*	VOCs, PAHs
B2	Southeast portion of Building B	30	Soil Gas	*5*	VOCs
			Soil	2, ***5***, 10, 15, 20, 25, 30	TPH-cc, VOCs, PAHs
			Groundwater	*28*	VOCs, PAHs
B3	Storage area of northern interior of Building C	30	Soil Gas	*5*	VOCs
			Soil	***2***, 5, 10, 15, 20, 25, 30	TPH-cc, VOCs, PAHs
			Groundwater	*28*	VOCs, PAHs
B4	Area of stained pavement in southwest exterior of subject property	30	Soil Gas	*5*	VOCs
			Soil	2, ***5***, 10, 15, 20, 25, 30	TPH-cc, VOCs, PAHs
			Groundwater	*28*	VOCs, PAHs
B5	Storage yard in northwest exterior of subject property	30	Soil Gas	*5*	VOCs
			Soil	***2***, 5, 10, 15, 20, 25, 30	TPH-cc, VOCs, PAHs
			Groundwater	*28*	VOCs, PAHs

Notes:
*Depths in **bold** analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) via United States Environmental Protection Agency (EPA) Method 8015M. Depths in *italics* analyzed for volatile organic compounds (VOCs) via EPA Method 8260B (soil and groundwater) and EPA Method TO-15 (soil gas). Underlined depths analyzed for polycyclic aromatic hydrocarbons (PAHs) via EPA Method 8270C-select ion monitoring (SIM).
bgs = below ground surface

Table 2: Soil Sample TPH-cc Laboratory Results
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number 21-325299.3
July 19, 2021

EPA Method	TPH-cc via 8015M					
Units	(mg/kg)					
Analyte	Maximum SSL	B1-2	B2-5	B3-2	B4-5	B5-2
GRO C8-C10	100	<2.4	<2.4	<2.4	<2.4	<2.4
DRO C10-C28	100	**14 B**	**3.7 BJ**	**4.5 BJ**	**2.7 BJ**	**2.9 BJ**
ORO C28-C44	1,000	**64**	**4.4 BJ**	**4.2 BJ**	**3.6 BJ**	**3.6 BJ**

Notes:

TPH-cc = carbon chain total petroleum hydrocarbons

EPA = United States Environmental Protection Agency

GRO = gasoline-range organics

DRO = diesel-range organics

ORO = oil-range organics

mg/kg = milligrams per kilogram

SSLs = Soil-screening levels (Los Angeles Regional Water Quality Control Board - April 27, 2004) for groundwater at a depth of 28 feet

< = not detected above indicated laboratory method detection limit (MDL)

B = chemical found in associated Method Blank

J = estimated value detected between laboratory MDL and laboratory RL

Values in **bold** exceed laboratory MDLs

Table 3: Soil Sample VOCs and PAHs Laboratory Results
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number 21-325299.3
July 19, 2021

Analyte	Residential Soil RSL	Commercial/ Industrial Soil RSL	B1-2	B2-5	B3-2	B4-5	B5-2
VOCs via EPA Method 8260B (µg/kg)							
Bromomethane	**6,800**	**30,000**	**0.32 J**	**1.1 J**	**0.55 J**	<4.6	<0.31
Acetone	**61,000,000**	**670,000,000**	**24 J**	**34 J**	**35 J**	<23	<23
Methylene Chloride	**2,200**	**26,000**	**1.5 J**	**1.7 J**	**1.1 J**	**1.3 J**	**1.6 J**
2-Butanone	**27,000,000**	**190,000,000**	**4.5 J**	**5.5 J**	**4.8 J**	<2.4	<3.3
Benzene	**330**	**1,400**	**0.76 J**	<0.24	<0.21	<0.16	<0.21
Toluene	**1,100,000**	**5,300,000**	**0.99 J**	<0.51	<0.45	<0.34	<0.46
Other VOCs	**Varies**	**Varies**	ND	ND	ND	ND	ND
PAHS via EPA Method 8270C-SIM (µg/kg)							
Phenanthrene	**NE**	**NE**	**29 J**	<3.2	**4.6 J**	<3.2	<3.2
Fluoranthene	**2,400,000**	**18,000,000**	**49**	<2.5	**16**	<2.5	<2.5
Pyrene	**1,800,000**	**13,000,000**	**49**	<2.1	**15**	<2.1	<2.1
Benzo(a)anthracene	**1,100**	**12,000**	**20 J**	<4.3	**5.6 J**	<4.3	<4.3
Chrysene	**110,000**	**1,300,000**	**30 J**	<3.6	**9.4 J**	<3.6	<3.6
Benzo(b)fluoranthene	**1,100**	**13,000**	**25 J**	<5.4	**8.2 J**	<5.4	<5.4
Benzo(k)fluoranthene	**11,000**	**130,000**	**25 J**	<2.5	**8.6 J**	<2.5	<2.5
Benzo(a)pyrene	**110**	**1,300**	**21 J**	<3.5	**9.8 J**	<3.5	<3.5
Indeno(1,2,3-cd)pyrene	**1,100**	**13,000**	**17 J**	<4.1	**7.9 J**	<4.1	<4.1
Benzo(g,h,i)perylene	**NE**	**NE**	**21 J**	<3.7	**8.2 J**	<3.7	<3.7
Other PAHs	**Varies**	**Varies**	ND	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

PAH = polycyclic aromatic hydrocarbons

EPA = United States Environmental Protection Agency

µg/kg = micrograms per kilogram

RSL = June 2020 Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Regional Screening Levels (RSLs). If DTSC RSLs do not exist, May 2021 EPA RSLs were utilized.

< = not detected above indicated laboratory method detection limit (MDL)

ND = not detected above laboratory MDLs

J = estimated value detected between laboratory Method Detection Limit (MDL) and laboratory reporting limit (RL)

NE = not established

Values in **bold** exceed laboratory MDL

Table 4: Groundwater Sample VOCs and PAHs Laboratory Results
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number 21-325299.3
July 19, 2021

Analyte	MCL	B1-5	B2-5	B3-5	B4-5	B5-5
VOCs via 8260B (µg/L)						
Bromomethane	**NE**	<0.7	<0.7	<0.7	<0.7	**0.7 J**
2-Butanone	**NE**	<1	**1.6 J**	<1	**1.2 J**	<1
Chloroform	**80**	<0.2	<0.2	<0.2	<0.2	**0.8 J**
Toluene	**150**	**0.5 J**	**0.5 J**	<0.2	<0.2	<0.2
m,p-Xylenes	**10,000**	**0.6 J**	<0.5	<0.5	<0.5	<0.5
o-Xylene	**10,000**	**0.4 J**	<0.3	<0.3	<0.3	<0.3
Naphthalene	**NE**	**0.3 J**	<0.3	<0.3	<0.3	<0.3
Xylene (total)	**10,000**	**0.9 J**	<5	<5	<5	<5
Other VOCs	**Varies**	ND	ND	ND	ND	ND
PAHs via 8270C-SIM (µg/L)						
Naphthalene	**NE**	**0.19 J**	<0.2	<0.15	<0.14	<0.17
Other PAHs	**Varies**	ND	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

PAHs = polycyclic aromatic hydrocarbons

EPA = United States Environmental Protection Agency

µg/L = micrograms per liter

MCLs = Maximum Contaminant Levels (California Department of Public Health - January 30, 2013)

< = not detected above indicated laboratory method detection limit (MDL)

ND = not detected above laboratory MDLs

J = estimated value detected above the laboratory MDL but below the laboratory reporting limit (RL)

Values in **bold** exceed laboratory MDLs

Table 5: Soil Gas Sample VOCs Laboratory Results
16829-16839 South Normandie Avenue
Gardena, California 90247
Partner Project Number 21-325299.3
July 19, 2021

EPA Method	VOCs via TO-15						
Units	(µg/m³)						
Analyte	Residential SGSL^	Commercial/ Industrial SGSL^	B1-SG	B2-SG	B3-SG	B4-SG	B5-SG
1,1-Difluoroethane (tracer)	NA	NA	ND	7,500	36,000	58,000	3,200
Freon 12	3,300	15,000	<52	<52	23	<26	2.1 J
Chloromethane	3,100	13,000	20 J	16 J	7.9	<6.6	2.7 J
Bromomethane	170	730	<23	<23	1.2 J	<12	<0.58
Chloroethane	330,000	1,500,000	<34	<34	2.2 J	<17	<0.86
Trichlorofluoromethane	43,000	180,000	<49	<49	13 J	<24	<1.2
Freon 113	170,000	730,000	<58	<58	6.4 J	<29	<1.4
Acetone	1,100,000	4,700,000	330 J	<33	770	<16	79
Carbon Disulfide	24,000	100,000	<29	<29	49	<15	14
Isopropanol (IPA)	7,000	29,000	<20	<20	21 J	<9.8	1.7 BJ
Methylene Chloride	33	400	200 BJ	240 B	<1.1	110 B	4 BJ
n-Hexane	24,000	100,000	53 J	1,300	1,400	230	140
2-Butanone	170,000	730,000	40 J	<30	160	19 J	10 J
Chloroform	4.0	18	<38	<38	5.5 J	<19	2.9 J
Carbon Tetrachloride	16	67	<52	<52	7.9 J	<26	<1.3
Benzene	3.2	14	37 J	61 J	210	19 J	13
Trichloroethene	16	100	<54	<54	860	<27	<1.3
4-Methyl-2-Pentanone	100,000	430,000	<32	<32	42	<16	<0.81
Toluene	10,000	43,000	300	590	1,300	69 J	78
Tetrachloroethene	15	67	45 J	<43	220	<21	<1.1
Ethylbenzene	37	160	61 J	51 J	420	21 J	16
m,p-Xylenes	3,300.0	15,000.0	280 J	200 J	1,500	92 J	49
o-Xylene	3,300	15,000	<30	<30	500	34 J	17
Styrene	31,000	130,000	<26	<26	18	<13	<0.66
4-Ethyltoluene	NE	NE	<33	<33	65	19 BJ	3.6 BJ
1,3,5-Trimethylbenzene	2,100	8,700	<32	<32	68	24 J	3.7 J
1,2,4-Trimethylbenzene	2,100	8,700	70 BJ	<25	230	84 BJ	12
1,2,4-Trichlorobenzene	13	57	75 BJ	<42	<2.1	<21	<1
Hexachlorobutadiene	4.3	19	73 BJ	<73	<3.6	<36	<1.8
Xylene (total)	3,300	15,000	280 J	200 J	2,000	130 J	66
Other VOCs	Varies	Varies	ND	ND	ND	ND	ND

Notes:

^Calculated soil gas screening levels (SGSLs) for soil gas concentrations were derived by dividing the Department of Toxic Substances Control (DTSC) or United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) for each compound with an attenuation factor of 0.03 for soil gas samples. DTSC RSLs are provided in the June 2020 DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3. Where DTSC RSLs were not available, November 2020 EPA RSLs were utilized.

VOCs = volatile organic compounds

µg/m³ = micrograms per cubic meter

J = estimated value detected above the laboratory MDL but below the laboratory reporting limit (RL)

B = chemical found in associated Method Blank

< = not detected above indicated laboratory method detection limit (MDL)

ND = not detected above laboratory MDLs

Values in **bold** exceed laboratory MDLs

Yellow-highlighted values exceed residential regulatory guideline.

Orange-highlighted values exceed residential and commercial/industrial regulatory guidelines.

FIGURES

Legend

Subject Property

PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 21-325299.3

N

Site Vicinity Map

Figure	Prepared By	Date
1	S. Hanrahan	July 2021

16831 South Normandie Avenue
Gardena, California 90247

PARTNER

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 21-325299.3

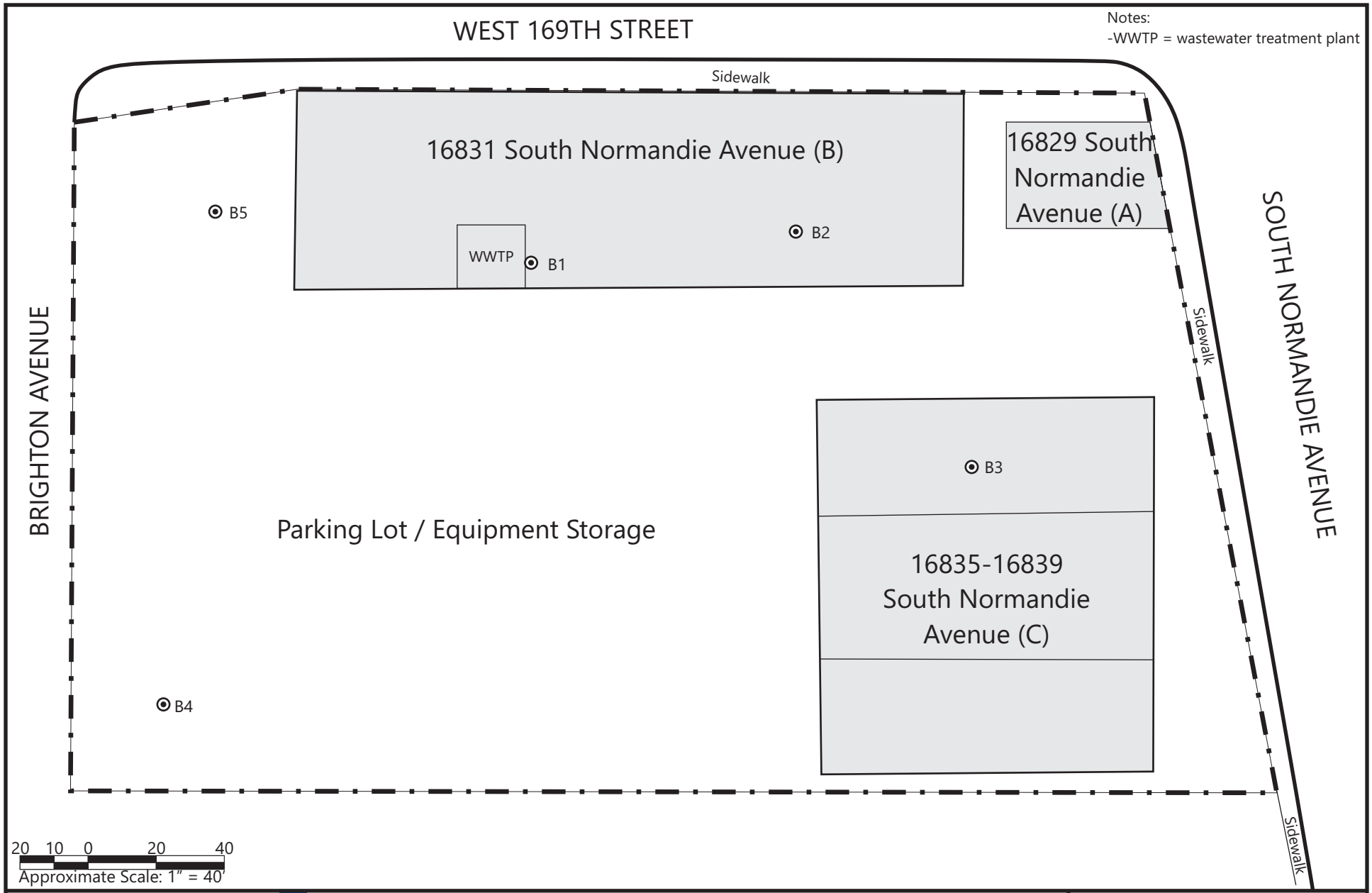
N

USGS Inglewood California, Quadrangle
Version: 2018 Current as of: 2021

Topographic Map

Figure	Prepared By	Date
2	S. Hanrahan	July 2021

16831 South Normandie Avenue
Gardena, California 90247



PARTNER

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 21-325299.3

N

Legend

Subject Property

Boring Location

Sample Location Map

Figure	Prepared By	Date
3	S. Hanrahan	July 2021

16831 South Normandie Avenue
Gardena, California 90247

APPENDIX A: BORING LOGS

PARTNER

Boring Identification:	B1		Page 1 of 2
Boring Location:	Adjacent to wastewater treatment system in southwest portion of Building B	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Limited-access Geoprobe 540MT	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					6" concrete surface
2	B1-2	1.1	SM	Brown, damp, loose, silty sand with small to medium gravels throughout	
3					
4					
5	B1-5 / B1-SG5	0.4	SM	Light brown, damp, silty sand	Soil gas probe installed at 5 feet bgs.
6					
7					
8					
9					
10	B1-10	0.6	SM	Light brown, damp, clumpy, silty sand	
11					
12					
13					
14					
15	B1-15	0.4	SM	Light brown, moist, compacted, silty sand	
16					
17					
18					
19					
20	B1-20	0.4	ML	Light brown, moist, compacted, sandy silt	
21					
22					
23					
24					
25	B1-25	0.0	ML	Light Brown, damp, compacted, sand silt	

Boring Identification:	B1		Page 2 of 2
Boring Location:	Adjacent to wastewater treatment system in southwest portion of Building B	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Limited-access Geoprobe 540MT	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28	B1-GW				Groundwater encountered
29					
30	B1-30	0.0	ML	Light brown, wet, sandy silt	
31					Boring terminated at 30 feet bgs, backfilled with hydrated bentonite, and capped with concrete upon completion.
32					
33					
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50					

Boring Identification:	B2		Page 1 of 2
Boring Location:	Southeast portion of Building B	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Limited-access Geoprobe 540MT	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					6" concrete surface
2	B2-2	0.1	SM	Brown, dry, loose, fine to medium grained, silty sand	
3					
4					
5	B2-5 / B2-SG5	0.0	SM	Light Brown, damp, clumpy, silty sand	Soil gas probe installed at 5 feet bgs.
6					
7					
8					
9					
10	B2-10	0.0	SM	Light brown, damp, loose, silty sand	
11					
12					
13					
14					
15	B2-15	0.0	SM	Light reddish brown, damp, silty sand	
16					
17					
18					
19					
20	B2-20	0.0	ML	Light brown, moist, sandy silt	
21					
22					
23					
24					
25	B2-25	0.0	ML	Light brown, moist, sandy silt	

Boring Identification:	B2		Page 2 of 2
Boring Location:	Southeast portion of Building B	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Limited-access Geoprobe 540MT	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28	B2-GW				Groundwater encountered
29					
30	B2-30	0.0	ML	Light brown, wet, sandy silt	
31					Boring terminated at 30 feet bgs, backfilled with hydrated bentonite, and capped with concrete upon completion.
32					
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Boring Identification:	B3		Page 1 of 2
Boring Location:	Storage area of northern interior of Building C	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					2" concrete surface
2	B3-2	0.0	SM	Brown, damp, loose, silty sand	
3					
4					
5	B3-5 / B3-SG5	0.0	SM	Light reddish brown, damp, clumpy, silty sand	Soil gas probe installed at 5 feet bgs.
6					
7					
8					
9					
10	B3-10	0.0	SM	Light reddish brown, damp, silty sand	
11					
12					
13					
14					
15	B3-15	0.0	SM	Light reddish brown, silty sand	
16					
17					
18					
19					
20	B3-20	0.0	ML	Light brown, moist, sandy silt	
21					
22					
23					
24					
25	B3-25	0.0	ML	Light brown, moist, sandy silt	

Boring Identification:	B3		Page 2 of 2
Boring Location:	Storage area of northern interior of Building C	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28	B3-GW				Groundwater encountered
29					
30	B3-30	0.0	ML	Light brown, wet, sandy silt	
31					Boring terminated at 30 feet bgs, backfilled with hydrated bentonite, and capped with concrete upon completion.
32					
33					
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Boring Identification:	B4		Page 1 of 2
Boring Location:	Area of stained pavement in southwest exterior of subject property	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt surface
2	B4-2	0.0	SM	Light brown, damp, compacted, silty sand	
3					
4					
5	B4-5 / B4-SG5	0.0	SM	Light brown, damp, silty sand	Soil gas probe installed at 5 feet bgs.
6					
7					
8					
9					
10	B4-10	0.0	SM	Light brown, damp, silty sand	
11					
12					
13					
14					
15	B4-15	0.0	SM	Light brown, damp, silty sand	
16					
17					
18					
19					
20	B4-20	0.0	ML	Light brown, moist, sandy silt	
21					
22					
23					
24					
25	B4-25	0.0	ML	Light brown, moist, sandy silt	

Boring Identification:	B4		Page 2 of 2
Boring Location:	Area of stained pavement in southwest exterior of subject property	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28	B4-GW				Groundwater encountered
29					
30	B4-30	0.0	ML	Light brown, wet, sandy silt	
31					Boring terminated at 30 feet bgs, backfilled with hydrated bentonite, and capped with concrete upon completion.
32					
33					
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Boring Identification:	B5		Page 1 of 2
Boring Location:	Storage yard in northwest exterior of subject property	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt surface
2	B5-2	0.0	SM	Brown, dry, loose, silty sand	
3					
4					
5	B5-5 / B5-SG5	0.0	SM	Brown, damp, silty sand	Soil gas probe installed at 5 feet bgs.
6					
7					
8					
9					
10	B5-10	0.0	SM	Light brown, damp, silty sand	
11					
12					
13					
14					
15	B5-15	0.0	SM	Light brown, damp, silty sand	
16					
17					
18					
19					
20	B5-20	0.0	ML	Light brown, moist, sandy silt	
21					
22					
23					
24					
25	B5-25	0.0	ML	Light brown, moist, sandy silt	

Boring Identification:	B5		Page 2 of 2
Boring Location:	Storage yard in northwest exterior of subject property	Date Started:	7/19/2021
Site Address:	16831 South Normandie Avenue	Date Completed:	7/19/2021
	Gardena, California 90247	Depth to Groundwater (feet bgs):	28
Project Number:	21-325299.3	Field Technician:	S. Hanrahan
Drill Rig Type:	Truck-mounted Geoprobe Model 7800	PARTNER	
Sampling Equipment:	Acetate Liners, VOAs, Nylaflow Tubing, 1L ambers, 1L SUMMA Cannisters	2154 Torrance Boulevard	
Borehole Diameter:	1.5"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28	B5-GW				Groundwater encountered
29					
30	B5-30	0.0	ML	Light brown, wet, sandy silt	
31					Boring terminated at 30 feet bgs, backfilled with hydrated bentonite, and capped with concrete upon completion.
32					
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APPENDIX B: LABORATORY ANALYTICAL REPORTS

PARTNER

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

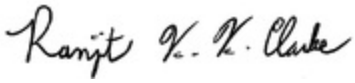
Lab Job Number: 448208
Report Level: II
Report Date: 07/22/2021

Analytical Report *prepared for:*

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Location: 16829 - 16839 South Normandie

Authorized for release by:



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Lab Job #: 448208
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

Sample ID	Lab ID	Collected	Matrix
B1-2	448208-001	07/19/21 07:45	Soil
B1-5	448208-002	07/19/21 07:50	Soil
B1-10	448208-003	07/19/21 07:55	Soil
B1-15	448208-004	07/19/21 08:00	Soil
B1-20	448208-005	07/19/21 08:05	Soil
B1-25	448208-006	07/19/21 08:10	Soil
B1-30	448208-007	07/19/21 08:15	Soil
B2-2	448208-008	07/19/21 09:05	Soil
B2-5	448208-009	07/19/21 09:10	Soil
B2-10	448208-010	07/19/21 09:15	Soil
B2-15	448208-011	07/19/21 09:20	Soil
B2-20	448208-012	07/19/21 09:25	Soil
B2-25	448208-013	07/19/21 09:30	Soil
B2-30	448208-014	07/19/21 09:35	Soil
B3-2	448208-015	07/19/21 10:15	Soil
B3-5	448208-016	07/19/21 10:20	Soil
B3-10	448208-017	07/19/21 10:25	Soil
B3-15	448208-018	07/19/21 10:30	Soil
B3-20	448208-019	07/19/21 10:35	Soil
B3-25	448208-020	07/19/21 10:40	Soil
B3-30	448208-021	07/19/21 10:45	Soil
B4-2	448208-022	07/19/21 11:40	Soil
B4-5	448208-023	07/19/21 11:45	Soil
B4-10	448208-024	07/19/21 11:50	Soil
B4-15	448208-025	07/19/21 11:55	Soil
B4-20	448208-026	07/19/21 12:00	Soil
B4-25	448208-027	07/19/21 12:05	Soil
B4-30	448208-028	07/19/21 12:10	Soil

ENTHALPY ANALYTICAL

Sample Summary

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Lab Job #: 448208
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

Sample ID	Lab ID	Collected	Matrix
B5-2	448208-029	07/19/21 12:35	Soil
B5-5	448208-030	07/19/21 12:40	Soil
B5-10	448208-031	07/19/21 12:45	Soil
B5-15	448208-032	07/19/21 12:50	Soil
B5-20	448208-033	07/19/21 12:55	Soil
B5-25	448208-034	07/19/21 13:00	Soil
B5-30	448208-035	07/19/21 13:05	Soil
B1-GW	448208-036	07/19/21 08:40	Water
B2-GW	448208-037	07/19/21 09:50	Water
B3-GW	448208-038	07/19/21 11:00	Water
B4-GW	448208-039	07/19/21 12:15	Water
B5-GW	448208-040	07/19/21 13:15	Water

ENTHALPY ANALYTICAL

Case Narrative

Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501
Terri Men

Lab Job Number: 448208
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

This data package contains sample and QC results for five soil samples and five water samples, requested for the above referenced project on 07/20/21. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):
DRO C10-C28 and ORO C28-C44 were detected between the MDL and the RL in the method blank for batch 270912. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
High response was observed for bromomethane in the CCV analyzed 07/20/21 09:09; this analyte was not detected at or above the RL in the associated sample, and affected data was qualified with "b". A number of samples had pH greater than 2. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Low response was observed for methyl tert-amyl ether (TAME) in the CCV/BS analyzed 07/21/21 08:39; this analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Water:
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Soil:
B1-2 (lab # 448208-001) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 448208

Page: 1 of 4

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner ESI		
Report To:	Terri Men	Proj. Name:	South Normandie Ave
Email:	TMen@Partneresi.com	Proj. #:	325299.2
Address:	2154 Torrance Blvd Suite 200	P.O. #:	
	Torrance CA 90501	Address:	16829-16839 South Normandie Ave
Phone:	310-765-7259	Global ID:	
Fax:		Sampled By:	Sean Hanrahan

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-cc via 8015	PAHs via 8270	VOCs via 8260	Test Instructions / Comments
1	B1-2	7/19/21	0745	Soil	3voa, 1sleeve		X	X	X	
2	B1-5		0750							HOLD
3	B1-10		0755							
4	B1-15		0800							
5	B1-20		0805							
6	B1-25		0810							
7	B1-30		0815							
8	B2-2		0905							
9	B2-5		0910				X	X	X	
10	B2-10		0915							HOLD

Also email results to Shanrahan@Partneresi.com

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Sean Hanrahan	Partner ESI	7/20/21 0955
1 Received By:		Luz EG Mendoza	E.A.	7/20/2021 @ 1002 HRS
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

5.8 / 1.9

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 448208

Page: 2 of 4

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner ESI		
Report To:	Terri Men	Proj. Name:	South Normandie Ave
Email:	TMen@partneresi.com	Proj. #:	325299.2
Address:		P.O. #:	
		Address:	
Phone:	310-765-7259	Global ID:	
Fax:		Sampled By:	Sean Hanrahan

	Sample ID	Sampling ~~Date~~ Time	Sampling ~~Time~~ Date	Matrix	Container No. / Size	Pres.	TPH-CC via 8015	PAHs via 8270	VOCs via 8260	Test Instructions / Comments
1	B2-15	0920	7/19/21	Soil	3 voa 1 sleeve					HOLD
2	B2-20	0925								
3	B2-25	0930								
4	B2-30	0935								
5	B3-2	1015					X	X	X	
6	B3-5	1020								HOLD
7	B3-10	1025								
8	B3-15	1030								
9	B3-20	1035								
10	B3-25	1040								

Refer to Page 1

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Sean Hanrahan	Partner ESI	7/20/21 0955
[1] Received By:		Luz E.H.	E.A.	7/20/2021 @ 1002
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

5.8 / 1.9

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 448208 — Page: 3 of 4

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner ESI		
Report To:	Terri Men	Proj. Name:	South Normandie Ave
Email:	TMen@PartnerESI.com	Proj. #:	325299.2
Address:		P.O. #:	
		Address:	
Phone:	310-765-7259	Global ID:	
Fax:		Sampled By:	Sean Hanrahan

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-CC via 8015	PAHs via 8270	VOCs via 8260	Test Instructions / Comments
1	B3-30	7/19/21	1045	Soil	3 VOA, 1 sleeve					HOLD
2	B4-2		1140							
3	B4-5		1145				X	X	X	
4	B4-10		1150							HOLD
5	B4-15		1155							
6	B4-20		1200							
7	B4-25		1205							
8	B4-30		1210							
9	B5-2		1235				X	X	X	
10	B5-5		1240							HOLD

Refer to page 1

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Sean Hanrahan	Partner ESI	7/20/21 0955
[1] Received By:		Luz E.R. Mendoza	E.A.	7/20/2021 @ 1002 #6
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

5/8/19

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 448208

Page: 4 of 4

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner ESI		
Report To:	Terri Men	Proj. Name:	South Normandie Ave
Email:	Tmen@partneresi.com	Proj. #:	325299.2
Address:	2154 Torrance Blvd	P.O. #:	
		Address:	
Phone:	310-765-7259	Global ID:	
Fax:		Sampled By:	Sean Hanrahan

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-CC via 8015	PAHs via 8270	VOCs via 8260
1	B5-10	7/19/21	1245	SOIL	3 Voa, 1 sleeve				
2	B5-15		1250						
3	B5-20		1255						
4	B5-25		1300						
5	B5-30		1305						
6	B1-GW		0840	H2O	3 Voa 1 1L			X	X
7	B2-GW		0950						
8	B3-GW		1100						
9	B4-GW		1215						
10	B5-GW		1315						

Test Instructions / Comments

also email Results to Shanrahan@Partneresi.com

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Sean Hanrahan	Partner ESI	7/20 0955
[1] Received By:		Ivar EG Mueller	G.A	7/20/202 1002 HRS
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

5.8/1.9

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Partner Torrance Project: South Normandie Ave.

Date Received: 7/20/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?		✓	
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	✓		
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

On the last page of the COC, the client forgot to put the analysis for the soils. The VOA's look like they have headspace, but it can be hard to tell because of the sediment.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☑ Email (email sent to/on): RKL / 7/20/21

Project Manager's response:

Completed By: Deana Sgherri Date: 7/20/21

ENTHALPY ANALYTICAL

Analysis Results for 448208

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Lab Job #: 448208
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

Sample ID: B1-2 **Lab ID: 448208-001** **Collected: 07/19/21 07:45**
Matrix: Soil

448208-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580										
GRO C8-C10	ND		mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
DRO C10-C28	**14**	B	mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
ORO C28-C44	**64**		mg/Kg	20	2.4	1	270912	07/21/21	07/21/21	TJW
Surrogates				**Limits**						
n-Triacontane	96%		%REC	70-130		1	270912	07/21/21	07/21/21	TJW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.6	0.26	0.93	270884	07/21/21	07/21/21	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.49	0.93	270884	07/21/21	07/21/21	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.80	0.93	270884	07/21/21	07/21/21	RAO
Isopropyl Ether (DIPE)	ND		ug/Kg	4.6	0.25	0.93	270884	07/21/21	07/21/21	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.6	0.44	0.93	270884	07/21/21	07/21/21	RAO
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	4.6	0.62	0.93	270884	07/21/21	07/21/21	RAO
tert-Butyl Alcohol (TBA)	ND		ug/Kg	9.3	8.1	0.93	270884	07/21/21	07/21/21	RAO
Freon 12	ND		ug/Kg	4.6	0.40	0.93	270884	07/21/21	07/21/21	RAO
Chloromethane	ND		ug/Kg	4.6	0.33	0.93	270884	07/21/21	07/21/21	RAO
Vinyl Chloride	ND		ug/Kg	4.6	0.40	0.93	270884	07/21/21	07/21/21	RAO
Bromomethane	**0.32**	J	ug/Kg	4.6	0.28	0.93	270884	07/21/21	07/21/21	RAO
Chloroethane	ND		ug/Kg	4.6	0.30	0.93	270884	07/21/21	07/21/21	RAO
Trichlorofluoromethane	ND		ug/Kg	4.6	0.26	0.93	270884	07/21/21	07/21/21	RAO
Acetone	**24**	J	ug/Kg	93	23	0.93	270884	07/21/21	07/21/21	RAO
Freon 113	ND		ug/Kg	4.6	0.69	0.93	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethene	ND		ug/Kg	4.6	0.17	0.93	270884	07/21/21	07/21/21	RAO
Methylene Chloride	**1.5**	J	ug/Kg	4.6	0.61	0.93	270884	07/21/21	07/21/21	RAO
MTBE	ND		ug/Kg	4.6	0.41	0.93	270884	07/21/21	07/21/21	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.32	0.93	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethane	ND		ug/Kg	4.6	0.37	0.93	270884	07/21/21	07/21/21	RAO
2-Butanone	**4.5**	J	ug/Kg	93	3.0	0.93	270884	07/21/21	07/21/21	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.49	0.93	270884	07/21/21	07/21/21	RAO
2,2-Dichloropropane	ND		ug/Kg	4.6	0.49	0.93	270884	07/21/21	07/21/21	RAO
Chloroform	ND		ug/Kg	4.6	0.32	0.93	270884	07/21/21	07/21/21	RAO
Bromochloromethane	ND		ug/Kg	4.6	0.32	0.93	270884	07/21/21	07/21/21	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.42	0.93	270884	07/21/21	07/21/21	RAO
1,1-Dichloropropene	ND		ug/Kg	4.6	0.39	0.93	270884	07/21/21	07/21/21	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Carbon Tetrachloride	ND		ug/Kg	4.6	0.31	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane	ND		ug/Kg	4.6	0.44	0.93	270884	07/21/21	07/21/21	RAO
Benzene	**0.76**	J	ug/Kg	4.6	0.19	0.93	270884	07/21/21	07/21/21	RAO
Trichloroethene	ND		ug/Kg	4.6	0.49	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dichloropropane	ND		ug/Kg	4.6	0.52	0.93	270884	07/21/21	07/21/21	RAO
Bromodichloromethane	ND		ug/Kg	4.6	0.46	0.93	270884	07/21/21	07/21/21	RAO
Dibromomethane	ND		ug/Kg	4.6	0.51	0.93	270884	07/21/21	07/21/21	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	1.8	0.93	270884	07/21/21	07/21/21	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.28	0.93	270884	07/21/21	07/21/21	RAO
Toluene	**0.99**	J	ug/Kg	4.6	0.42	0.93	270884	07/21/21	07/21/21	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.37	0.93	270884	07/21/21	07/21/21	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.53	0.93	270884	07/21/21	07/21/21	RAO
1,3-Dichloropropane	ND		ug/Kg	4.6	0.43	0.93	270884	07/21/21	07/21/21	RAO
Tetrachloroethene	ND		ug/Kg	4.6	0.54	0.93	270884	07/21/21	07/21/21	RAO
Dibromochloromethane	ND		ug/Kg	4.6	0.35	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dibromoethane	ND		ug/Kg	4.6	0.47	0.93	270884	07/21/21	07/21/21	RAO
Chlorobenzene	ND		ug/Kg	4.6	0.24	0.93	270884	07/21/21	07/21/21	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.44	0.93	270884	07/21/21	07/21/21	RAO
Ethylbenzene	ND		ug/Kg	4.6	0.41	0.93	270884	07/21/21	07/21/21	RAO
m,p-Xylenes	ND		ug/Kg	9.3	0.77	0.93	270884	07/21/21	07/21/21	RAO
o-Xylene	ND		ug/Kg	4.6	0.29	0.93	270884	07/21/21	07/21/21	RAO
Styrene	ND		ug/Kg	4.6	0.43	0.93	270884	07/21/21	07/21/21	RAO
Bromoform	ND		ug/Kg	4.6	0.46	0.93	270884	07/21/21	07/21/21	RAO
Isopropylbenzene	ND		ug/Kg	4.6	0.33	0.93	270884	07/21/21	07/21/21	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.35	0.93	270884	07/21/21	07/21/21	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.68	0.93	270884	07/21/21	07/21/21	RAO
Propylbenzene	ND		ug/Kg	4.6	0.35	0.93	270884	07/21/21	07/21/21	RAO
Bromobenzene	ND		ug/Kg	4.6	0.31	0.93	270884	07/21/21	07/21/21	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.37	0.93	270884	07/21/21	07/21/21	RAO
2-Chlorotoluene	ND		ug/Kg	4.6	0.43	0.93	270884	07/21/21	07/21/21	RAO
4-Chlorotoluene	ND		ug/Kg	4.6	0.47	0.93	270884	07/21/21	07/21/21	RAO
tert-Butylbenzene	ND		ug/Kg	4.6	0.31	0.93	270884	07/21/21	07/21/21	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.42	0.93	270884	07/21/21	07/21/21	RAO
sec-Butylbenzene	ND		ug/Kg	4.6	0.42	0.93	270884	07/21/21	07/21/21	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.50	0.93	270884	07/21/21	07/21/21	RAO
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.44	0.93	270884	07/21/21	07/21/21	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.43	0.93	270884	07/21/21	07/21/21	RAO
n-Butylbenzene	ND		ug/Kg	4.6	0.61	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.49	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.59	0.93	270884	07/21/21	07/21/21	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.82	0.93	270884	07/21/21	07/21/21	RAO
Hexachlorobutadiene	ND		ug/Kg	4.6	0.56	0.93	270884	07/21/21	07/21/21	RAO
Naphthalene	ND		ug/Kg	4.6	0.80	0.93	270884	07/21/21	07/21/21	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.50	0.93	270884	07/21/21	07/21/21	RAO
Xylene (total)	ND		ug/Kg	4.6		0.93	270884	07/21/21	07/21/21	RAO
Surrogates				**Limits**						

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	98%		%REC	70-145	1.2	0.93	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane-d4	104%		%REC	70-145		0.93	270884	07/21/21	07/21/21	RAO
Toluene-d8	99%		%REC	70-145		0.93	270884	07/21/21	07/21/21	RAO
Bromofluorobenzene	97%		%REC	70-145	1.4	0.93	270884	07/21/21	07/21/21	RAO
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	40	8.2	4	270888	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/Kg	40	13	4	270888	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/Kg	40	13	4	270888	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/Kg	40	29	4	270888	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/Kg	40	10	4	270888	07/21/21	07/21/21	DJL
Fluorene	ND		ug/Kg	40	8.6	4	270888	07/21/21	07/21/21	DJL
Phenanthrene	**29**	J	ug/Kg	40	13	4	270888	07/21/21	07/21/21	DJL
Anthracene	ND		ug/Kg	40	10	4	270888	07/21/21	07/21/21	DJL
Fluoranthene	**49**		ug/Kg	40	9.8	4	270888	07/21/21	07/21/21	DJL
Pyrene	**49**		ug/Kg	40	8.4	4	270888	07/21/21	07/21/21	DJL
Benzo(a)anthracene	**20**	J	ug/Kg	40	17	4	270888	07/21/21	07/21/21	DJL
Chrysene	**30**	J	ug/Kg	40	15	4	270888	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	**25**	J	ug/Kg	40	21	4	270888	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	**25**	J	ug/Kg	40	10	4	270888	07/21/21	07/21/21	DJL
Benzo(a)pyrene	**21**	J	ug/Kg	40	14	4	270888	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	**17**	J	ug/Kg	40	16	4	270888	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	40	18	4	270888	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	**21**	J	ug/Kg	40	15	4	270888	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	59%		%REC	27-125		4	270888	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	63%		%REC	30-120		4	270888	07/21/21	07/21/21	DJL
Terphenyl-d14	67%		%REC	33-155		4	270888	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B2-5	Lab ID: 448208-009	Collected: 07/19/21 09:10
	Matrix: Soil	

448208-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580										
GRO C8-C10	ND		mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
DRO C10-C28	**3.7**	B,J	mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
ORO C28-C44	**4.4**	B,J	mg/Kg	20	2.4	1	270912	07/21/21	07/21/21	TJW
Surrogates				**Limits**						
n-Triacontane	99%		%REC	70-130		1	270912	07/21/21	07/21/21	TJW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.7	0.32	1.1	270884	07/21/21	07/21/21	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.7	0.60	1.1	270884	07/21/21	07/21/21	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.7	0.98	1.1	270884	07/21/21	07/21/21	RAO
Isopropyl Ether (DIPE)	ND		ug/Kg	5.7	0.31	1.1	270884	07/21/21	07/21/21	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.7	0.55	1.1	270884	07/21/21	07/21/21	RAO
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	5.7	0.76	1.1	270884	07/21/21	07/21/21	RAO
tert-Butyl Alcohol (TBA)	ND		ug/Kg	11	10	1.1	270884	07/21/21	07/21/21	RAO
Freon 12	ND		ug/Kg	5.7	0.49	1.1	270884	07/21/21	07/21/21	RAO
Chloromethane	ND		ug/Kg	5.7	0.41	1.1	270884	07/21/21	07/21/21	RAO
Vinyl Chloride	ND		ug/Kg	5.7	0.49	1.1	270884	07/21/21	07/21/21	RAO
Bromomethane	**1.1**	J	ug/Kg	5.7	0.34	1.1	270884	07/21/21	07/21/21	RAO
Chloroethane	ND		ug/Kg	5.7	0.36	1.1	270884	07/21/21	07/21/21	RAO
Trichlorofluoromethane	ND		ug/Kg	5.7	0.32	1.1	270884	07/21/21	07/21/21	RAO
Acetone	**34**	J	ug/Kg	110	28	1.1	270884	07/21/21	07/21/21	RAO
Freon 113	ND		ug/Kg	5.7	0.84	1.1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethene	ND		ug/Kg	5.7	0.20	1.1	270884	07/21/21	07/21/21	RAO
Methylene Chloride	**1.7**	J	ug/Kg	5.7	0.75	1.1	270884	07/21/21	07/21/21	RAO
MTBE	ND		ug/Kg	5.7	0.50	1.1	270884	07/21/21	07/21/21	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.7	0.40	1.1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethane	ND		ug/Kg	5.7	0.45	1.1	270884	07/21/21	07/21/21	RAO
2-Butanone	**5.5**	J	ug/Kg	110	3.6	1.1	270884	07/21/21	07/21/21	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.7	0.60	1.1	270884	07/21/21	07/21/21	RAO
2,2-Dichloropropane	ND		ug/Kg	5.7	0.60	1.1	270884	07/21/21	07/21/21	RAO
Chloroform	ND		ug/Kg	5.7	0.40	1.1	270884	07/21/21	07/21/21	RAO
Bromochloromethane	ND		ug/Kg	5.7	0.40	1.1	270884	07/21/21	07/21/21	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.7	0.51	1.1	270884	07/21/21	07/21/21	RAO
1,1-Dichloropropene	ND		ug/Kg	5.7	0.48	1.1	270884	07/21/21	07/21/21	RAO
Carbon Tetrachloride	ND		ug/Kg	5.7	0.38	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane	ND		ug/Kg	5.7	0.55	1.1	270884	07/21/21	07/21/21	RAO
Benzene	ND		ug/Kg	5.7	0.24	1.1	270884	07/21/21	07/21/21	RAO
Trichloroethene	ND		ug/Kg	5.7	0.60	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dichloropropane	ND		ug/Kg	5.7	0.64	1.1	270884	07/21/21	07/21/21	RAO
Bromodichloromethane	ND		ug/Kg	5.7	0.57	1.1	270884	07/21/21	07/21/21	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromomethane	ND		ug/Kg	5.7	0.63	1.1	270884	07/21/21	07/21/21	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.7	2.2	1.1	270884	07/21/21	07/21/21	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.7	0.34	1.1	270884	07/21/21	07/21/21	RAO
Toluene	ND		ug/Kg	5.7	0.51	1.1	270884	07/21/21	07/21/21	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.7	0.45	1.1	270884	07/21/21	07/21/21	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.7	0.65	1.1	270884	07/21/21	07/21/21	RAO
1,3-Dichloropropane	ND		ug/Kg	5.7	0.52	1.1	270884	07/21/21	07/21/21	RAO
Tetrachloroethene	ND		ug/Kg	5.7	0.66	1.1	270884	07/21/21	07/21/21	RAO
Dibromochloromethane	ND		ug/Kg	5.7	0.43	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dibromoethane	ND		ug/Kg	5.7	0.58	1.1	270884	07/21/21	07/21/21	RAO
Chlorobenzene	ND		ug/Kg	5.7	0.30	1.1	270884	07/21/21	07/21/21	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.7	0.55	1.1	270884	07/21/21	07/21/21	RAO
Ethylbenzene	ND		ug/Kg	5.7	0.50	1.1	270884	07/21/21	07/21/21	RAO
m,p-Xylenes	ND		ug/Kg	11	0.94	1.1	270884	07/21/21	07/21/21	RAO
o-Xylene	ND		ug/Kg	5.7	0.35	1.1	270884	07/21/21	07/21/21	RAO
Styrene	ND		ug/Kg	5.7	0.52	1.1	270884	07/21/21	07/21/21	RAO
Bromoform	ND		ug/Kg	5.7	0.57	1.1	270884	07/21/21	07/21/21	RAO
Isopropylbenzene	ND		ug/Kg	5.7	0.41	1.1	270884	07/21/21	07/21/21	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.7	0.43	1.1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.7	0.83	1.1	270884	07/21/21	07/21/21	RAO
Propylbenzene	ND		ug/Kg	5.7	0.43	1.1	270884	07/21/21	07/21/21	RAO
Bromobenzene	ND		ug/Kg	5.7	0.39	1.1	270884	07/21/21	07/21/21	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.7	0.45	1.1	270884	07/21/21	07/21/21	RAO
2-Chlorotoluene	ND		ug/Kg	5.7	0.52	1.1	270884	07/21/21	07/21/21	RAO
4-Chlorotoluene	ND		ug/Kg	5.7	0.58	1.1	270884	07/21/21	07/21/21	RAO
tert-Butylbenzene	ND		ug/Kg	5.7	0.39	1.1	270884	07/21/21	07/21/21	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.7	0.51	1.1	270884	07/21/21	07/21/21	RAO
sec-Butylbenzene	ND		ug/Kg	5.7	0.51	1.1	270884	07/21/21	07/21/21	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.7	0.61	1.1	270884	07/21/21	07/21/21	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.7	0.53	1.1	270884	07/21/21	07/21/21	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.7	0.52	1.1	270884	07/21/21	07/21/21	RAO
n-Butylbenzene	ND		ug/Kg	5.7	0.75	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.7	0.60	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.7	0.73	1.1	270884	07/21/21	07/21/21	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.7	1.0	1.1	270884	07/21/21	07/21/21	RAO
Hexachlorobutadiene	ND		ug/Kg	5.7	0.68	1.1	270884	07/21/21	07/21/21	RAO
Naphthalene	ND		ug/Kg	5.7	0.98	1.1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.7	0.61	1.1	270884	07/21/21	07/21/21	RAO
Xylene (total)	ND		ug/Kg	5.7		1.1	270884	07/21/21	07/21/21	RAO
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-145	1.5	1.1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane-d4	101%		%REC	70-145		1.1	270884	07/21/21	07/21/21	RAO
Toluene-d8	102%		%REC	70-145		1.1	270884	07/21/21	07/21/21	RAO
Bromofluorobenzene	103%		%REC	70-145	1.7	1.1	270884	07/21/21	07/21/21	RAO

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/Kg	10	7.1	1	270888	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluorene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Anthracene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Pyrene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/Kg	10	4.3	1	270888	07/21/21	07/21/21	DJL
Chrysene	ND		ug/Kg	10	3.6	1	270888	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/Kg	10	5.4	1	270888	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/Kg	10	3.5	1	270888	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	4.1	1	270888	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	4.4	1	270888	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/Kg	10	3.7	1	270888	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	45%		%REC	27-125		1	270888	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	44%		%REC	30-120		1	270888	07/21/21	07/21/21	DJL
Terphenyl-d14	50%		%REC	33-155		1	270888	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B3-2	Lab ID: 448208-015	Collected: 07/19/21 10:15
	Matrix: Soil	

448208-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580										
GRO C8-C10	ND		mg/Kg	9.9	2.4	0.99	270912	07/21/21	07/21/21	TJW
DRO C10-C28	**4.5**	B,J	mg/Kg	9.9	2.4	0.99	270912	07/21/21	07/21/21	TJW
ORO C28-C44	**4.2**	B,J	mg/Kg	20	2.4	0.99	270912	07/21/21	07/21/21	TJW
Surrogates				**Limits**						
n-Triacontane	95%		%REC	70-130		0.99	270912	07/21/21	07/21/21	TJW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.0	0.28	1	270884	07/21/21	07/21/21	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.53	1	270884	07/21/21	07/21/21	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.86	1	270884	07/21/21	07/21/21	RAO
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	0.27	1	270884	07/21/21	07/21/21	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	0.48	1	270884	07/21/21	07/21/21	RAO
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	5.0	0.67	1	270884	07/21/21	07/21/21	RAO
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	8.8	1	270884	07/21/21	07/21/21	RAO
Freon 12	ND		ug/Kg	5.0	0.43	1	270884	07/21/21	07/21/21	RAO
Chloromethane	ND		ug/Kg	5.0	0.36	1	270884	07/21/21	07/21/21	RAO
Vinyl Chloride	ND		ug/Kg	5.0	0.43	1	270884	07/21/21	07/21/21	RAO
Bromomethane	**0.55**	J	ug/Kg	5.0	0.30	1	270884	07/21/21	07/21/21	RAO
Chloroethane	ND		ug/Kg	5.0	0.32	1	270884	07/21/21	07/21/21	RAO
Trichlorofluoromethane	ND		ug/Kg	5.0	0.28	1	270884	07/21/21	07/21/21	RAO
Acetone	**35**	J	ug/Kg	100	25	1	270884	07/21/21	07/21/21	RAO
Freon 113	ND		ug/Kg	5.0	0.74	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethene	ND		ug/Kg	5.0	0.18	1	270884	07/21/21	07/21/21	RAO
Methylene Chloride	**1.1**	J	ug/Kg	5.0	0.66	1	270884	07/21/21	07/21/21	RAO
MTBE	ND		ug/Kg	5.0	0.44	1	270884	07/21/21	07/21/21	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.35	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethane	ND		ug/Kg	5.0	0.40	1	270884	07/21/21	07/21/21	RAO
2-Butanone	**4.8**	J	ug/Kg	100	3.2	1	270884	07/21/21	07/21/21	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.53	1	270884	07/21/21	07/21/21	RAO
2,2-Dichloropropane	ND		ug/Kg	5.0	0.53	1	270884	07/21/21	07/21/21	RAO
Chloroform	ND		ug/Kg	5.0	0.35	1	270884	07/21/21	07/21/21	RAO
Bromochloromethane	ND		ug/Kg	5.0	0.35	1	270884	07/21/21	07/21/21	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.45	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloropropene	ND		ug/Kg	5.0	0.42	1	270884	07/21/21	07/21/21	RAO
Carbon Tetrachloride	ND		ug/Kg	5.0	0.33	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane	ND		ug/Kg	5.0	0.48	1	270884	07/21/21	07/21/21	RAO
Benzene	ND		ug/Kg	5.0	0.21	1	270884	07/21/21	07/21/21	RAO
Trichloroethene	ND		ug/Kg	5.0	0.53	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloropropane	ND		ug/Kg	5.0	0.56	1	270884	07/21/21	07/21/21	RAO
Bromodichloromethane	ND		ug/Kg	5.0	0.50	1	270884	07/21/21	07/21/21	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromomethane	ND		ug/Kg	5.0	0.55	1	270884	07/21/21	07/21/21	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.9	1	270884	07/21/21	07/21/21	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.30	1	270884	07/21/21	07/21/21	RAO
Toluene	ND		ug/Kg	5.0	0.45	1	270884	07/21/21	07/21/21	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.40	1	270884	07/21/21	07/21/21	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.57	1	270884	07/21/21	07/21/21	RAO
1,3-Dichloropropane	ND		ug/Kg	5.0	0.46	1	270884	07/21/21	07/21/21	RAO
Tetrachloroethene	ND		ug/Kg	5.0	0.58	1	270884	07/21/21	07/21/21	RAO
Dibromochloromethane	ND		ug/Kg	5.0	0.38	1	270884	07/21/21	07/21/21	RAO
1,2-Dibromoethane	ND		ug/Kg	5.0	0.51	1	270884	07/21/21	07/21/21	RAO
Chlorobenzene	ND		ug/Kg	5.0	0.26	1	270884	07/21/21	07/21/21	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.48	1	270884	07/21/21	07/21/21	RAO
Ethylbenzene	ND		ug/Kg	5.0	0.44	1	270884	07/21/21	07/21/21	RAO
m,p-Xylenes	ND		ug/Kg	10	0.83	1	270884	07/21/21	07/21/21	RAO
o-Xylene	ND		ug/Kg	5.0	0.31	1	270884	07/21/21	07/21/21	RAO
Styrene	ND		ug/Kg	5.0	0.46	1	270884	07/21/21	07/21/21	RAO
Bromoform	ND		ug/Kg	5.0	0.50	1	270884	07/21/21	07/21/21	RAO
Isopropylbenzene	ND		ug/Kg	5.0	0.36	1	270884	07/21/21	07/21/21	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.38	1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.73	1	270884	07/21/21	07/21/21	RAO
Propylbenzene	ND		ug/Kg	5.0	0.38	1	270884	07/21/21	07/21/21	RAO
Bromobenzene	ND		ug/Kg	5.0	0.34	1	270884	07/21/21	07/21/21	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.40	1	270884	07/21/21	07/21/21	RAO
2-Chlorotoluene	ND		ug/Kg	5.0	0.46	1	270884	07/21/21	07/21/21	RAO
4-Chlorotoluene	ND		ug/Kg	5.0	0.51	1	270884	07/21/21	07/21/21	RAO
tert-Butylbenzene	ND		ug/Kg	5.0	0.34	1	270884	07/21/21	07/21/21	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.45	1	270884	07/21/21	07/21/21	RAO
sec-Butylbenzene	ND		ug/Kg	5.0	0.45	1	270884	07/21/21	07/21/21	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.54	1	270884	07/21/21	07/21/21	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.47	1	270884	07/21/21	07/21/21	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.46	1	270884	07/21/21	07/21/21	RAO
n-Butylbenzene	ND		ug/Kg	5.0	0.66	1	270884	07/21/21	07/21/21	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.53	1	270884	07/21/21	07/21/21	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.64	1	270884	07/21/21	07/21/21	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.89	1	270884	07/21/21	07/21/21	RAO
Hexachlorobutadiene	ND		ug/Kg	5.0	0.60	1	270884	07/21/21	07/21/21	RAO
Naphthalene	ND		ug/Kg	5.0	0.86	1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.54	1	270884	07/21/21	07/21/21	RAO
Xylene (total)	ND		ug/Kg	5.0		1	270884	07/21/21	07/21/21	RAO
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-145	1.3	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane-d4	102%		%REC	70-145		1	270884	07/21/21	07/21/21	RAO
Toluene-d8	99%		%REC	70-145		1	270884	07/21/21	07/21/21	RAO
Bromofluorobenzene	96%		%REC	70-145	1.5	1	270884	07/21/21	07/21/21	RAO

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/Kg	10	7.1	1	270888	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluorene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Phenanthrene	**4.6**	J	ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Anthracene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluoranthene	**16**		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Pyrene	**15**		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Benzo(a)anthracene	**5.6**	J	ug/Kg	10	4.3	1	270888	07/21/21	07/21/21	DJL
Chrysene	**9.4**	J	ug/Kg	10	3.6	1	270888	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	**8.2**	J	ug/Kg	10	5.4	1	270888	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	**8.6**	J	ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Benzo(a)pyrene	**9.8**	J	ug/Kg	10	3.5	1	270888	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	**7.9**	J	ug/Kg	10	4.1	1	270888	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	4.4	1	270888	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	**8.2**	J	ug/Kg	10	3.7	1	270888	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	58%		%REC	27-125		1	270888	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	55%		%REC	30-120		1	270888	07/21/21	07/21/21	DJL
Terphenyl-d14	58%		%REC	33-155		1	270888	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B4-5	Lab ID: 448208-023	Collected: 07/19/21 11:45
	Matrix: Soil	

448208-023 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580										
GRO C8-C10	ND		mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
DRO C10-C28	**2.7**	B,J	mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
ORO C28-C44	**3.6**	B,J	mg/Kg	20	2.4	1	270912	07/21/21	07/21/21	TJW
Surrogates				**Limits**						
n-Triacontane	93%		%REC	70-130		1	270912	07/21/21	07/21/21	TJW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	3.8	0.21	0.76	270884	07/21/21	07/21/21	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.40	0.76	270884	07/21/21	07/21/21	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.65	0.76	270884	07/21/21	07/21/21	RAO
Isopropyl Ether (DIPE)	ND		ug/Kg	3.8	0.20	0.76	270884	07/21/21	07/21/21	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	3.8	0.36	0.76	270884	07/21/21	07/21/21	RAO
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	3.8	0.51	0.76	270884	07/21/21	07/21/21	RAO
tert-Butyl Alcohol (TBA)	ND		ug/Kg	7.6	6.7	0.76	270884	07/21/21	07/21/21	RAO
Freon 12	ND		ug/Kg	3.8	0.33	0.76	270884	07/21/21	07/21/21	RAO
Chloromethane	ND		ug/Kg	3.8	0.27	0.76	270884	07/21/21	07/21/21	RAO
Vinyl Chloride	ND		ug/Kg	3.8	0.33	0.76	270884	07/21/21	07/21/21	RAO
Bromomethane	ND		ug/Kg	3.8	0.23	0.76	270884	07/21/21	07/21/21	RAO
Chloroethane	ND		ug/Kg	3.8	0.24	0.76	270884	07/21/21	07/21/21	RAO
Trichlorofluoromethane	ND		ug/Kg	3.8	0.21	0.76	270884	07/21/21	07/21/21	RAO
Acetone	ND		ug/Kg	76	19	0.76	270884	07/21/21	07/21/21	RAO
Freon 113	ND		ug/Kg	3.8	0.56	0.76	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethene	ND		ug/Kg	3.8	0.14	0.76	270884	07/21/21	07/21/21	RAO
Methylene Chloride	**1.3**	J	ug/Kg	3.8	0.50	0.76	270884	07/21/21	07/21/21	RAO
MTBE	ND		ug/Kg	3.8	0.33	0.76	270884	07/21/21	07/21/21	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.27	0.76	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethane	ND		ug/Kg	3.8	0.30	0.76	270884	07/21/21	07/21/21	RAO
2-Butanone	ND		ug/Kg	76	2.4	0.76	270884	07/21/21	07/21/21	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.40	0.76	270884	07/21/21	07/21/21	RAO
2,2-Dichloropropane	ND		ug/Kg	3.8	0.40	0.76	270884	07/21/21	07/21/21	RAO
Chloroform	ND		ug/Kg	3.8	0.27	0.76	270884	07/21/21	07/21/21	RAO
Bromochloromethane	ND		ug/Kg	3.8	0.27	0.76	270884	07/21/21	07/21/21	RAO
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.34	0.76	270884	07/21/21	07/21/21	RAO
1,1-Dichloropropene	ND		ug/Kg	3.8	0.32	0.76	270884	07/21/21	07/21/21	RAO
Carbon Tetrachloride	ND		ug/Kg	3.8	0.25	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane	ND		ug/Kg	3.8	0.36	0.76	270884	07/21/21	07/21/21	RAO
Benzene	ND		ug/Kg	3.8	0.16	0.76	270884	07/21/21	07/21/21	RAO
Trichloroethene	ND		ug/Kg	3.8	0.40	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dichloropropane	ND		ug/Kg	3.8	0.42	0.76	270884	07/21/21	07/21/21	RAO
Bromodichloromethane	ND		ug/Kg	3.8	0.38	0.76	270884	07/21/21	07/21/21	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-023 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromomethane	ND		ug/Kg	3.8	0.42	0.76	270884	07/21/21	07/21/21	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	1.4	0.76	270884	07/21/21	07/21/21	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.23	0.76	270884	07/21/21	07/21/21	RAO
Toluene	ND		ug/Kg	3.8	0.34	0.76	270884	07/21/21	07/21/21	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.30	0.76	270884	07/21/21	07/21/21	RAO
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.43	0.76	270884	07/21/21	07/21/21	RAO
1,3-Dichloropropane	ND		ug/Kg	3.8	0.35	0.76	270884	07/21/21	07/21/21	RAO
Tetrachloroethene	ND		ug/Kg	3.8	0.44	0.76	270884	07/21/21	07/21/21	RAO
Dibromochloromethane	ND		ug/Kg	3.8	0.29	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dibromoethane	ND		ug/Kg	3.8	0.39	0.76	270884	07/21/21	07/21/21	RAO
Chlorobenzene	ND		ug/Kg	3.8	0.20	0.76	270884	07/21/21	07/21/21	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.36	0.76	270884	07/21/21	07/21/21	RAO
Ethylbenzene	ND		ug/Kg	3.8	0.33	0.76	270884	07/21/21	07/21/21	RAO
m,p-Xylenes	ND		ug/Kg	7.6	0.63	0.76	270884	07/21/21	07/21/21	RAO
o-Xylene	ND		ug/Kg	3.8	0.23	0.76	270884	07/21/21	07/21/21	RAO
Styrene	ND		ug/Kg	3.8	0.35	0.76	270884	07/21/21	07/21/21	RAO
Bromoform	ND		ug/Kg	3.8	0.38	0.76	270884	07/21/21	07/21/21	RAO
Isopropylbenzene	ND		ug/Kg	3.8	0.27	0.76	270884	07/21/21	07/21/21	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.29	0.76	270884	07/21/21	07/21/21	RAO
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.55	0.76	270884	07/21/21	07/21/21	RAO
Propylbenzene	ND		ug/Kg	3.8	0.29	0.76	270884	07/21/21	07/21/21	RAO
Bromobenzene	ND		ug/Kg	3.8	0.26	0.76	270884	07/21/21	07/21/21	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.30	0.76	270884	07/21/21	07/21/21	RAO
2-Chlorotoluene	ND		ug/Kg	3.8	0.35	0.76	270884	07/21/21	07/21/21	RAO
4-Chlorotoluene	ND		ug/Kg	3.8	0.39	0.76	270884	07/21/21	07/21/21	RAO
tert-Butylbenzene	ND		ug/Kg	3.8	0.26	0.76	270884	07/21/21	07/21/21	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.34	0.76	270884	07/21/21	07/21/21	RAO
sec-Butylbenzene	ND		ug/Kg	3.8	0.34	0.76	270884	07/21/21	07/21/21	RAO
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.41	0.76	270884	07/21/21	07/21/21	RAO
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.36	0.76	270884	07/21/21	07/21/21	RAO
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.35	0.76	270884	07/21/21	07/21/21	RAO
n-Butylbenzene	ND		ug/Kg	3.8	0.50	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.40	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.48	0.76	270884	07/21/21	07/21/21	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.67	0.76	270884	07/21/21	07/21/21	RAO
Hexachlorobutadiene	ND		ug/Kg	3.8	0.45	0.76	270884	07/21/21	07/21/21	RAO
Naphthalene	ND		ug/Kg	3.8	0.65	0.76	270884	07/21/21	07/21/21	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.41	0.76	270884	07/21/21	07/21/21	RAO
Xylene (total)	ND		ug/Kg	3.8		0.76	270884	07/21/21	07/21/21	RAO
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-145	0.98	0.76	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane-d4	106%		%REC	70-145		0.76	270884	07/21/21	07/21/21	RAO
Toluene-d8	99%		%REC	70-145		0.76	270884	07/21/21	07/21/21	RAO
Bromofluorobenzene	97%		%REC	70-145	1.1	0.76	270884	07/21/21	07/21/21	RAO

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-023 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/Kg	10	7.1	1	270888	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluorene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Anthracene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Pyrene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/Kg	10	4.3	1	270888	07/21/21	07/21/21	DJL
Chrysene	ND		ug/Kg	10	3.6	1	270888	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/Kg	10	5.4	1	270888	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/Kg	10	3.5	1	270888	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	4.1	1	270888	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	4.4	1	270888	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/Kg	10	3.7	1	270888	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	35%		%REC	27-125		1	270888	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	34%		%REC	30-120		1	270888	07/21/21	07/21/21	DJL
Terphenyl-d14	57%		%REC	33-155		1	270888	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448208

Sample ID: B5-2	Lab ID: 448208-029	Collected: 07/19/21 12:35
	Matrix: Soil	

448208-029 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580										
GRO C8-C10	ND		mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
DRO C10-C28	**2.9**	B,J	mg/Kg	10	2.4	1	270912	07/21/21	07/21/21	TJW
ORO C28-C44	**3.6**	B,J	mg/Kg	20	2.4	1	270912	07/21/21	07/21/21	TJW
Surrogates				**Limits**						
n-Triacontane	99%		%REC	70-130		1	270912	07/21/21	07/21/21	TJW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.1	0.29	1	270884	07/21/21	07/21/21	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	0.54	1	270884	07/21/21	07/21/21	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	0.88	1	270884	07/21/21	07/21/21	RAO
Isopropyl Ether (DIPE)	ND		ug/Kg	5.1	0.28	1	270884	07/21/21	07/21/21	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.1	0.49	1	270884	07/21/21	07/21/21	RAO
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	5.1	0.68	1	270884	07/21/21	07/21/21	RAO
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	9.0	1	270884	07/21/21	07/21/21	RAO
Freon 12	ND		ug/Kg	5.1	0.44	1	270884	07/21/21	07/21/21	RAO
Chloromethane	ND		ug/Kg	5.1	0.37	1	270884	07/21/21	07/21/21	RAO
Vinyl Chloride	ND		ug/Kg	5.1	0.44	1	270884	07/21/21	07/21/21	RAO
Bromomethane	ND		ug/Kg	5.1	0.31	1	270884	07/21/21	07/21/21	RAO
Chloroethane	ND		ug/Kg	5.1	0.33	1	270884	07/21/21	07/21/21	RAO
Trichlorofluoromethane	ND		ug/Kg	5.1	0.29	1	270884	07/21/21	07/21/21	RAO
Acetone	ND		ug/Kg	100	26	1	270884	07/21/21	07/21/21	RAO
Freon 113	ND		ug/Kg	5.1	0.76	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethene	ND		ug/Kg	5.1	0.18	1	270884	07/21/21	07/21/21	RAO
Methylene Chloride	**1.6**	J	ug/Kg	5.1	0.67	1	270884	07/21/21	07/21/21	RAO
MTBE	ND		ug/Kg	5.1	0.45	1	270884	07/21/21	07/21/21	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	0.36	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloroethane	ND		ug/Kg	5.1	0.41	1	270884	07/21/21	07/21/21	RAO
2-Butanone	ND		ug/Kg	100	3.3	1	270884	07/21/21	07/21/21	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	0.54	1	270884	07/21/21	07/21/21	RAO
2,2-Dichloropropane	ND		ug/Kg	5.1	0.54	1	270884	07/21/21	07/21/21	RAO
Chloroform	ND		ug/Kg	5.1	0.36	1	270884	07/21/21	07/21/21	RAO
Bromochloromethane	ND		ug/Kg	5.1	0.36	1	270884	07/21/21	07/21/21	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.1	0.46	1	270884	07/21/21	07/21/21	RAO
1,1-Dichloropropene	ND		ug/Kg	5.1	0.43	1	270884	07/21/21	07/21/21	RAO
Carbon Tetrachloride	ND		ug/Kg	5.1	0.34	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane	ND		ug/Kg	5.1	0.49	1	270884	07/21/21	07/21/21	RAO
Benzene	ND		ug/Kg	5.1	0.21	1	270884	07/21/21	07/21/21	RAO
Trichloroethene	ND		ug/Kg	5.1	0.54	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloropropane	ND		ug/Kg	5.1	0.57	1	270884	07/21/21	07/21/21	RAO
Bromodichloromethane	ND		ug/Kg	5.1	0.51	1	270884	07/21/21	07/21/21	RAO

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448208

448208-029 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromomethane	ND		ug/Kg	5.1	0.56	1	270884	07/21/21	07/21/21	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1.9	1	270884	07/21/21	07/21/21	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	0.31	1	270884	07/21/21	07/21/21	RAO
Toluene	ND		ug/Kg	5.1	0.46	1	270884	07/21/21	07/21/21	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	0.41	1	270884	07/21/21	07/21/21	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.1	0.58	1	270884	07/21/21	07/21/21	RAO
1,3-Dichloropropane	ND		ug/Kg	5.1	0.47	1	270884	07/21/21	07/21/21	RAO
Tetrachloroethene	ND		ug/Kg	5.1	0.59	1	270884	07/21/21	07/21/21	RAO
Dibromochloromethane	ND		ug/Kg	5.1	0.39	1	270884	07/21/21	07/21/21	RAO
1,2-Dibromoethane	ND		ug/Kg	5.1	0.52	1	270884	07/21/21	07/21/21	RAO
Chlorobenzene	ND		ug/Kg	5.1	0.27	1	270884	07/21/21	07/21/21	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	0.49	1	270884	07/21/21	07/21/21	RAO
Ethylbenzene	ND		ug/Kg	5.1	0.45	1	270884	07/21/21	07/21/21	RAO
m,p-Xylenes	ND		ug/Kg	10	0.85	1	270884	07/21/21	07/21/21	RAO
o-Xylene	ND		ug/Kg	5.1	0.32	1	270884	07/21/21	07/21/21	RAO
Styrene	ND		ug/Kg	5.1	0.47	1	270884	07/21/21	07/21/21	RAO
Bromoform	ND		ug/Kg	5.1	0.51	1	270884	07/21/21	07/21/21	RAO
Isopropylbenzene	ND		ug/Kg	5.1	0.37	1	270884	07/21/21	07/21/21	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	0.39	1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.1	0.74	1	270884	07/21/21	07/21/21	RAO
Propylbenzene	ND		ug/Kg	5.1	0.39	1	270884	07/21/21	07/21/21	RAO
Bromobenzene	ND		ug/Kg	5.1	0.35	1	270884	07/21/21	07/21/21	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	0.41	1	270884	07/21/21	07/21/21	RAO
2-Chlorotoluene	ND		ug/Kg	5.1	0.47	1	270884	07/21/21	07/21/21	RAO
4-Chlorotoluene	ND		ug/Kg	5.1	0.52	1	270884	07/21/21	07/21/21	RAO
tert-Butylbenzene	ND		ug/Kg	5.1	0.35	1	270884	07/21/21	07/21/21	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	0.46	1	270884	07/21/21	07/21/21	RAO
sec-Butylbenzene	ND		ug/Kg	5.1	0.46	1	270884	07/21/21	07/21/21	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.1	0.55	1	270884	07/21/21	07/21/21	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.1	0.48	1	270884	07/21/21	07/21/21	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.1	0.47	1	270884	07/21/21	07/21/21	RAO
n-Butylbenzene	ND		ug/Kg	5.1	0.67	1	270884	07/21/21	07/21/21	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.1	0.54	1	270884	07/21/21	07/21/21	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	0.65	1	270884	07/21/21	07/21/21	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	0.91	1	270884	07/21/21	07/21/21	RAO
Hexachlorobutadiene	ND		ug/Kg	5.1	0.61	1	270884	07/21/21	07/21/21	RAO
Naphthalene	ND		ug/Kg	5.1	0.88	1	270884	07/21/21	07/21/21	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	0.55	1	270884	07/21/21	07/21/21	RAO
Xylene (total)	ND		ug/Kg	5.1		1	270884	07/21/21	07/21/21	RAO
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-145	1.3	1	270884	07/21/21	07/21/21	RAO
1,2-Dichloroethane-d4	103%		%REC	70-145		1	270884	07/21/21	07/21/21	RAO
Toluene-d8	101%		%REC	70-145		1	270884	07/21/21	07/21/21	RAO
Bromofluorobenzene	97%		%REC	70-145	1.5	1	270884	07/21/21	07/21/21	RAO

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448208

448208-029 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/Kg	10	7.1	1	270888	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluorene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/Kg	10	3.2	1	270888	07/21/21	07/21/21	DJL
Anthracene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Pyrene	ND		ug/Kg	10	2.1	1	270888	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/Kg	10	4.3	1	270888	07/21/21	07/21/21	DJL
Chrysene	ND		ug/Kg	10	3.6	1	270888	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/Kg	10	5.4	1	270888	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/Kg	10	2.5	1	270888	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/Kg	10	3.5	1	270888	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	4.1	1	270888	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	4.4	1	270888	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/Kg	10	3.7	1	270888	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	42%		%REC	27-125		1	270888	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	37%		%REC	30-120		1	270888	07/21/21	07/21/21	DJL
Terphenyl-d14	37%		%REC	33-155		1	270888	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B1-GW	Lab ID: 448208-036	Collected: 07/19/21 08:40
	Matrix: Water	

448208-036 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
Freon 12	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Chloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Vinyl Chloride	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromomethane	ND		ug/L	5.0	0.7	1	270881	07/21/21	07/21/21	TCN
Chloroethane	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Acetone	ND		ug/L	100	25	1	270881	07/21/21	07/21/21	TCN
Freon 113	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
MTBE	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
2-Butanone	ND		ug/L	100	1.0	1	270881	07/21/21	07/21/21	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Chloroform	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromochloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Benzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Trichloroethene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
Bromodichloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Dibromomethane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Toluene	**0.5**	J	ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Tetrachloroethene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Dibromochloromethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Chlorobenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Ethylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-036 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	**0.6**	J	ug/L	10	0.5	1	270881	07/21/21	07/21/21	TCN
o-Xylene	**0.4**	J	ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Styrene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromoform	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Isopropylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Propylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Bromobenzene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
n-Butylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	270881	07/21/21	07/21/21	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Naphthalene	**0.3**	J	ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	1	270881	07/21/21	07/21/21	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Xylene (total)	**0.9**	J	ug/L	5.0		1	270881	07/21/21	07/21/21	TCN
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
1,2-Dichloroethane-d4	98%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Toluene-d8	97%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Bromofluorobenzene	103%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	0.91	0.17	1.8	270889	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/L	0.91	0.29	1.8	270889	07/21/21	07/21/21	DJL
Naphthalene	**0.19**	J	ug/L	0.91	0.17	1.8	270889	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/L	0.91	0.20	1.8	270889	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/L	0.91	0.14	1.8	270889	07/21/21	07/21/21	DJL
Fluorene	ND		ug/L	0.91	0.20	1.8	270889	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/L	0.91	0.14	1.8	270889	07/21/21	07/21/21	DJL
Anthracene	ND		ug/L	0.91	0.18	1.8	270889	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/L	0.91	0.12	1.8	270889	07/21/21	07/21/21	DJL
Pyrene	ND		ug/L	0.91	0.089	1.8	270889	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/L	0.91	0.29	1.8	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-036 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chrysene	ND		ug/L	0.91	0.15	1.8	270889	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/L	0.91	0.31	1.8	270889	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/L	0.91	0.27	1.8	270889	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/L	0.91	0.22	1.8	270889	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.91	0.36	1.8	270889	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/L	0.91	0.25	1.8	270889	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/L	0.91	0.24	1.8	270889	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	72%		%REC	16-125		1.8	270889	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	68%		%REC	17-120		1.8	270889	07/21/21	07/21/21	DJL
Terphenyl-d14	67%		%REC	39-123		1.8	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B2-GW	Lab ID: 448208-037	Collected: 07/19/21 09:50
	Matrix: Water	

448208-037 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
Freon 12	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Chloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Vinyl Chloride	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromomethane	ND		ug/L	5.0	0.7	1	270881	07/21/21	07/21/21	TCN
Chloroethane	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Acetone	ND		ug/L	100	25	1	270881	07/21/21	07/21/21	TCN
Freon 113	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
MTBE	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
2-Butanone	**1.6**	J	ug/L	100	1.0	1	270881	07/21/21	07/21/21	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Chloroform	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromochloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Benzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Trichloroethene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
Bromodichloromethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Dibromomethane	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Toluene	**0.5**	J	ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Tetrachloroethene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Dibromochloromethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Chlorobenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Ethylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-037 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/L	10	0.5	1	270881	07/21/21	07/21/21	TCN
o-Xylene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Styrene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Bromoform	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Isopropylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
Propylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Bromobenzene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	270881	07/21/21	07/21/21	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	270881	07/21/21	07/21/21	TCN
n-Butylbenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	270881	07/21/21	07/21/21	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270881	07/21/21	07/21/21	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	1	270881	07/21/21	07/21/21	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	270881	07/21/21	07/21/21	TCN
Xylene (total)	ND		ug/L	5.0		1	270881	07/21/21	07/21/21	TCN
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
1,2-Dichloroethane-d4	103%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Toluene-d8	95%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Bromofluorobenzene	104%		%REC	70-140		1	270881	07/21/21	07/21/21	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	1.1	0.21	2.2	270889	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/L	1.1	0.36	2.2	270889	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/L	1.1	0.20	2.2	270889	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/L	1.1	0.24	2.2	270889	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/L	1.1	0.17	2.2	270889	07/21/21	07/21/21	DJL
Fluorene	ND		ug/L	1.1	0.24	2.2	270889	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/L	1.1	0.17	2.2	270889	07/21/21	07/21/21	DJL
Anthracene	ND		ug/L	1.1	0.22	2.2	270889	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/L	1.1	0.15	2.2	270889	07/21/21	07/21/21	DJL
Pyrene	ND		ug/L	1.1	0.11	2.2	270889	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/L	1.1	0.36	2.2	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-037 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chrysene	ND		ug/L	1.1	0.18	2.2	270889	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/L	1.1	0.38	2.2	270889	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/L	1.1	0.33	2.2	270889	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/L	1.1	0.27	2.2	270889	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.1	0.44	2.2	270889	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/L	1.1	0.31	2.2	270889	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/L	1.1	0.29	2.2	270889	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	69%		%REC	16-125		2.2	270889	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	65%		%REC	17-120		2.2	270889	07/21/21	07/21/21	DJL
Terphenyl-d14	62%		%REC	39-123		2.2	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448208

Sample ID: B3-GW	Lab ID: 448208-038	Collected: 07/19/21 11:00
	Matrix: Water	

448208-038 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Freon 12	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Vinyl Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromomethane	ND		ug/L	5.0	0.7	1	270798	07/20/21	07/20/21	TCN
Chloroethane	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Acetone	ND		ug/L	100	25	1	270798	07/20/21	07/20/21	TCN
Freon 113	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
MTBE	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2-Butanone	ND		ug/L	100	1.0	1	270798	07/20/21	07/20/21	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloroform	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromochloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Benzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Trichloroethene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Bromodichloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Dibromomethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Toluene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Tetrachloroethene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Dibromochloromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Chlorobenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Ethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-038 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/L	10	0.5	1	270798	07/20/21	07/20/21	TCN
o-Xylene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Styrene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromoform	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Isopropylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Propylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Bromobenzene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
n-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	1	270798	07/20/21	07/20/21	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Xylene (total)	ND		ug/L	5.0		1	270798	07/20/21	07/20/21	TCN
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane-d4	100%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Toluene-d8	96%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Bromofluorobenzene	102%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	0.83	0.16	1.7	270889	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/L	0.83	0.27	1.7	270889	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/L	0.83	0.15	1.7	270889	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/L	0.83	0.18	1.7	270889	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/L	0.83	0.13	1.7	270889	07/21/21	07/21/21	DJL
Fluorene	ND		ug/L	0.83	0.18	1.7	270889	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/L	0.83	0.13	1.7	270889	07/21/21	07/21/21	DJL
Anthracene	ND		ug/L	0.83	0.17	1.7	270889	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/L	0.83	0.11	1.7	270889	07/21/21	07/21/21	DJL
Pyrene	ND		ug/L	0.83	0.082	1.7	270889	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/L	0.83	0.27	1.7	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-038 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chrysene	ND		ug/L	0.83	0.14	1.7	270889	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/L	0.83	0.28	1.7	270889	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/L	0.83	0.25	1.7	270889	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/L	0.83	0.20	1.7	270889	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.83	0.33	1.7	270889	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/L	0.83	0.23	1.7	270889	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/L	0.83	0.22	1.7	270889	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	67%		%REC	16-125		1.7	270889	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	63%		%REC	17-120		1.7	270889	07/21/21	07/21/21	DJL
Terphenyl-d14	61%		%REC	39-123		1.7	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B4-GW	Lab ID: 448208-039	Collected: 07/19/21 12:15
	Matrix: Water	

448208-039 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Freon 12	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Vinyl Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromomethane	ND		ug/L	5.0	0.7	1	270798	07/20/21	07/20/21	TCN
Chloroethane	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Acetone	ND		ug/L	100	25	1	270798	07/20/21	07/20/21	TCN
Freon 113	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
MTBE	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2-Butanone	**1.2**	J	ug/L	100	1.0	1	270798	07/20/21	07/20/21	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloroform	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromochloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Benzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Trichloroethene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Bromodichloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Dibromomethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Toluene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Tetrachloroethene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Dibromochloromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Chlorobenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Ethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-039 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/L	10	0.5	1	270798	07/20/21	07/20/21	TCN
o-Xylene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Styrene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromoform	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Isopropylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Propylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Bromobenzene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
n-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	1	270798	07/20/21	07/20/21	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Xylene (total)	ND		ug/L	5.0		1	270798	07/20/21	07/20/21	TCN
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane-d4	98%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Toluene-d8	98%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Bromofluorobenzene	104%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	0.77	0.15	1.5	270889	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/L	0.77	0.25	1.5	270889	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/L	0.77	0.14	1.5	270889	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/L	0.77	0.17	1.5	270889	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/L	0.77	0.12	1.5	270889	07/21/21	07/21/21	DJL
Fluorene	ND		ug/L	0.77	0.17	1.5	270889	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/L	0.77	0.12	1.5	270889	07/21/21	07/21/21	DJL
Anthracene	ND		ug/L	0.77	0.15	1.5	270889	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/L	0.77	0.10	1.5	270889	07/21/21	07/21/21	DJL
Pyrene	ND		ug/L	0.77	0.075	1.5	270889	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/L	0.77	0.25	1.5	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-039 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chrysene	ND		ug/L	0.77	0.13	1.5	270889	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/L	0.77	0.26	1.5	270889	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/L	0.77	0.23	1.5	270889	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/L	0.77	0.18	1.5	270889	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.77	0.31	1.5	270889	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/L	0.77	0.22	1.5	270889	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/L	0.77	0.20	1.5	270889	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	68%		%REC	16-125		1.5	270889	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	64%		%REC	17-120		1.5	270889	07/21/21	07/21/21	DJL
Terphenyl-d14	63%		%REC	39-123		1.5	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

Sample ID: B5-GW	Lab ID: 448208-040	Collected: 07/19/21 13:15
	Matrix: Water	

448208-040 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Freon 12	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Vinyl Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromomethane	**0.7**	J,b	ug/L	5.0	0.7	1	270798	07/20/21	07/20/21	TCN
Chloroethane	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Acetone	ND		ug/L	100	25	1	270798	07/20/21	07/20/21	TCN
Freon 113	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
MTBE	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2-Butanone	ND		ug/L	100	1.0	1	270798	07/20/21	07/20/21	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Chloroform	**0.8**	J	ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromochloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Benzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Trichloroethene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
Bromodichloromethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Dibromomethane	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Toluene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Tetrachloroethene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Dibromochloromethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Chlorobenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Ethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-040 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/L	10	0.5	1	270798	07/20/21	07/20/21	TCN
o-Xylene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Styrene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Bromoform	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Isopropylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
Propylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Bromobenzene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	270798	07/20/21	07/20/21	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	270798	07/20/21	07/20/21	TCN
n-Butylbenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	270798	07/20/21	07/20/21	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	270798	07/20/21	07/20/21	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	1	270798	07/20/21	07/20/21	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	270798	07/20/21	07/20/21	TCN
Xylene (total)	ND		ug/L	5.0		1	270798	07/20/21	07/20/21	TCN
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
1,2-Dichloroethane-d4	96%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Toluene-d8	98%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Bromofluorobenzene	104%		%REC	70-140		1	270798	07/20/21	07/20/21	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	0.91	0.17	1.8	270889	07/21/21	07/21/21	DJL
2-Methylnaphthalene	ND		ug/L	0.91	0.29	1.8	270889	07/21/21	07/21/21	DJL
Naphthalene	ND		ug/L	0.91	0.17	1.8	270889	07/21/21	07/21/21	DJL
Acenaphthylene	ND		ug/L	0.91	0.20	1.8	270889	07/21/21	07/21/21	DJL
Acenaphthene	ND		ug/L	0.91	0.14	1.8	270889	07/21/21	07/21/21	DJL
Fluorene	ND		ug/L	0.91	0.20	1.8	270889	07/21/21	07/21/21	DJL
Phenanthrene	ND		ug/L	0.91	0.14	1.8	270889	07/21/21	07/21/21	DJL
Anthracene	ND		ug/L	0.91	0.18	1.8	270889	07/21/21	07/21/21	DJL
Fluoranthene	ND		ug/L	0.91	0.12	1.8	270889	07/21/21	07/21/21	DJL
Pyrene	ND		ug/L	0.91	0.089	1.8	270889	07/21/21	07/21/21	DJL
Benzo(a)anthracene	ND		ug/L	0.91	0.29	1.8	270889	07/21/21	07/21/21	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448208

448208-040 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chrysene	ND		ug/L	0.91	0.15	1.8	270889	07/21/21	07/21/21	DJL
Benzo(b)fluoranthene	ND		ug/L	0.91	0.31	1.8	270889	07/21/21	07/21/21	DJL
Benzo(k)fluoranthene	ND		ug/L	0.91	0.27	1.8	270889	07/21/21	07/21/21	DJL
Benzo(a)pyrene	ND		ug/L	0.91	0.22	1.8	270889	07/21/21	07/21/21	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.91	0.36	1.8	270889	07/21/21	07/21/21	DJL
Dibenz(a,h)anthracene	ND		ug/L	0.91	0.25	1.8	270889	07/21/21	07/21/21	DJL
Benzo(g,h,i)perylene	ND		ug/L	0.91	0.24	1.8	270889	07/21/21	07/21/21	DJL
Surrogates				**Limits**						
Nitrobenzene-d5	69%		%REC	16-125		1.8	270889	07/21/21	07/21/21	DJL
2-Fluorobiphenyl	64%		%REC	17-120		1.8	270889	07/21/21	07/21/21	DJL
Terphenyl-d14	65%		%REC	39-123		1.8	270889	07/21/21	07/21/21	DJL

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected
b See narrative

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC934991	**Batch:** 270798
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC934991 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
Freon 12	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Chloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Vinyl Chloride	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromomethane	ND		ug/L	5.0	0.7	07/20/21	07/20/21
Chloroethane	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Trichlorofluoromethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Acetone	ND		ug/L	100	25	07/20/21	07/20/21
Freon 113	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,1-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Methylene Chloride	ND		ug/L	5.0	0.2	07/20/21	07/20/21
MTBE	ND		ug/L	5.0	0.2	07/20/21	07/20/21
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,1-Dichloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
2-Butanone	ND		ug/L	100	1.0	07/20/21	07/20/21
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
2,2-Dichloropropane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Chloroform	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromochloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,1-Dichloropropene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Carbon Tetrachloride	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dichloroethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Benzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Trichloroethene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,2-Dichloropropane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
Bromodichloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Dibromomethane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/20/21	07/20/21
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Toluene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,3-Dichloropropane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Tetrachloroethene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Dibromochloromethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,2-Dibromoethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Chlorobenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Ethylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
m,p-Xylenes	ND		ug/L	10	0.5	07/20/21	07/20/21
o-Xylene	ND		ug/L	5.0	0.3	07/20/21	07/20/21

ENTHALPY ANALYTICAL

Batch QC

QC934991 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromoform	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Isopropylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Propylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Bromobenzene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
2-Chlorotoluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
4-Chlorotoluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
tert-Butylbenzene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
sec-Butylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
n-Butylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	07/20/21	07/20/21
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Hexachlorobutadiene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Naphthalene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	07/20/21	07/20/21
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Xylene (total)	ND		ug/L	5.0		07/20/21	07/20/21
Surrogates				**Limits**			
Dibromofluoromethane	97%		%REC	70-140		07/20/21	07/20/21
1,2-Dichloroethane-d4	96%		%REC	70-140		07/20/21	07/20/21
Toluene-d8	99%		%REC	70-140		07/20/21	07/20/21
Bromofluorobenzene	105%		%REC	70-140		07/20/21	07/20/21

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC934992	Batch: 270798
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC934992 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.93	50.00	ug/L	120%		70-135
MTBE	54.50	50.00	ug/L	109%		70-130
Benzene	49.13	50.00	ug/L	98%		70-130
Trichloroethene	52.48	50.00	ug/L	105%		70-130
Toluene	49.38	50.00	ug/L	99%		70-130
Chlorobenzene	49.98	50.00	ug/L	100%		70-130
Surrogates						
Dibromofluoromethane	50.49	50.00	ug/L	101%		70-140
1,2-Dichloroethane-d4	47.78	50.00	ug/L	96%		70-140
Toluene-d8	49.18	50.00	ug/L	98%		70-140
Bromofluorobenzene	52.10	50.00	ug/L	104%		70-140

Type: Lab Control Sample Duplicate	Lab ID: QC934993	Batch: 270798
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC934993 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.16	50.00	ug/L	110%		70-135	8	30
MTBE	50.16	50.00	ug/L	100%		70-130	8	30
Benzene	44.36	50.00	ug/L	89%		70-130	10	30
Trichloroethene	46.93	50.00	ug/L	94%		70-130	11	30
Toluene	44.09	50.00	ug/L	88%		70-130	11	30
Chlorobenzene	45.37	50.00	ug/L	91%		70-130	10	30
Surrogates								
Dibromofluoromethane	51.66	50.00	ug/L	103%		70-140		
1,2-Dichloroethane-d4	47.82	50.00	ug/L	96%		70-140		
Toluene-d8	48.39	50.00	ug/L	97%		70-140		
Bromofluorobenzene	52.40	50.00	ug/L	105%		70-140		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC935195	**Batch:** 270881
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC935195 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
Freon 12	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Chloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Vinyl Chloride	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromomethane	ND		ug/L	5.0	0.7	07/20/21	07/20/21
Chloroethane	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Trichlorofluoromethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Acetone	ND		ug/L	100	25	07/20/21	07/20/21
Freon 113	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,1-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Methylene Chloride	ND		ug/L	5.0	0.2	07/20/21	07/20/21
MTBE	ND		ug/L	5.0	0.2	07/20/21	07/20/21
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,1-Dichloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
2-Butanone	ND		ug/L	100	1.0	07/20/21	07/20/21
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
2,2-Dichloropropane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Chloroform	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromochloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,1-Dichloropropene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Carbon Tetrachloride	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dichloroethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Benzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Trichloroethene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,2-Dichloropropane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
Bromodichloromethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Dibromomethane	ND		ug/L	5.0	0.4	07/20/21	07/20/21
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/20/21	07/20/21
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Toluene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,3-Dichloropropane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Tetrachloroethene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Dibromochloromethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,2-Dibromoethane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Chlorobenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Ethylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
m,p-Xylenes	ND		ug/L	10	0.5	07/20/21	07/20/21
o-Xylene	ND		ug/L	5.0	0.3	07/20/21	07/20/21

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Batch QC

QC935195 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Bromoform	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Isopropylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	07/20/21	07/20/21
Propylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Bromobenzene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	07/20/21	07/20/21
2-Chlorotoluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
4-Chlorotoluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
tert-Butylbenzene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
sec-Butylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	07/20/21	07/20/21
n-Butylbenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	07/20/21	07/20/21
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
Hexachlorobutadiene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Naphthalene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	07/20/21	07/20/21
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.6	07/20/21	07/20/21
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	07/20/21	07/20/21
Xylene (total)	ND		ug/L	5.0		07/20/21	07/20/21
Surrogates				**Limits**			
Dibromofluoromethane	96%		%REC	70-140		07/20/21	07/20/21
1,2-Dichloroethane-d4	94%		%REC	70-140		07/20/21	07/20/21
Toluene-d8	99%		%REC	70-140		07/20/21	07/20/21
Bromofluorobenzene	105%		%REC	70-140		07/20/21	07/20/21

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC935196	**Batch:** 270881
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC935196 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.29	50.00	ug/L	99%		70-135
MTBE	54.43	50.00	ug/L	109%		70-130
Benzene	50.82	50.00	ug/L	102%		70-130
Trichloroethene	52.62	50.00	ug/L	105%		70-130
Toluene	50.30	50.00	ug/L	101%		70-130
Chlorobenzene	51.60	50.00	ug/L	103%		70-130
Surrogates						
Dibromofluoromethane	51.37	50.00	ug/L	103%		70-140
1,2-Dichloroethane-d4	48.85	50.00	ug/L	98%		70-140
Toluene-d8	48.40	50.00	ug/L	97%		70-140
Bromofluorobenzene	51.48	50.00	ug/L	103%		70-140

Type: Lab Control Sample Duplicate	**Lab ID:** QC935197	**Batch:** 270881
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC935197 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.70	50.00	ug/L	91%		70-135	8	30
MTBE	51.10	50.00	ug/L	102%		70-130	6	30
Benzene	48.21	50.00	ug/L	96%		70-130	5	30
Trichloroethene	50.81	50.00	ug/L	102%		70-130	3	30
Toluene	48.95	50.00	ug/L	98%		70-130	3	30
Chlorobenzene	49.96	50.00	ug/L	100%		70-130	3	30
Surrogates								
Dibromofluoromethane	49.93	50.00	ug/L	100%		70-140		
1,2-Dichloroethane-d4	45.37	50.00	ug/L	91%		70-140		
Toluene-d8	49.72	50.00	ug/L	99%		70-140		
Bromofluorobenzene	52.31	50.00	ug/L	105%		70-140		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC935202	**Batch:** 270884
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5035

QC935202 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	0.28	07/21/21	07/21/21
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.53	07/21/21	07/21/21
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.86	07/21/21	07/21/21
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	0.27	07/21/21	07/21/21
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	0.48	07/21/21	07/21/21
Methyl tert-Amyl Ether (TAME)	ND	b	ug/Kg	5.0	0.67	07/21/21	07/21/21
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	8.8	07/21/21	07/21/21
Freon 12	ND		ug/Kg	5.0	0.43	07/21/21	07/21/21
Chloromethane	ND		ug/Kg	5.0	0.36	07/21/21	07/21/21
Vinyl Chloride	ND		ug/Kg	5.0	0.43	07/21/21	07/21/21
Bromomethane	ND		ug/Kg	5.0	0.30	07/21/21	07/21/21
Chloroethane	ND		ug/Kg	5.0	0.32	07/21/21	07/21/21
Trichlorofluoromethane	ND		ug/Kg	5.0	0.28	07/21/21	07/21/21
Acetone	ND		ug/Kg	100	25	07/21/21	07/21/21
Freon 113	ND		ug/Kg	5.0	0.74	07/21/21	07/21/21
1,1-Dichloroethene	ND		ug/Kg	5.0	0.18	07/21/21	07/21/21
Methylene Chloride	ND		ug/Kg	5.0	0.66	07/21/21	07/21/21
MTBE	ND		ug/Kg	5.0	0.44	07/21/21	07/21/21
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.35	07/21/21	07/21/21
1,1-Dichloroethane	ND		ug/Kg	5.0	0.40	07/21/21	07/21/21
2-Butanone	ND		ug/Kg	100	3.2	07/21/21	07/21/21
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.53	07/21/21	07/21/21
2,2-Dichloropropane	ND		ug/Kg	5.0	0.53	07/21/21	07/21/21
Chloroform	ND		ug/Kg	5.0	0.35	07/21/21	07/21/21
Bromochloromethane	ND		ug/Kg	5.0	0.35	07/21/21	07/21/21
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.45	07/21/21	07/21/21
1,1-Dichloropropene	ND		ug/Kg	5.0	0.42	07/21/21	07/21/21
Carbon Tetrachloride	ND		ug/Kg	5.0	0.33	07/21/21	07/21/21
1,2-Dichloroethane	ND		ug/Kg	5.0	0.48	07/21/21	07/21/21
Benzene	ND		ug/Kg	5.0	0.21	07/21/21	07/21/21
Trichloroethene	ND		ug/Kg	5.0	0.53	07/21/21	07/21/21
1,2-Dichloropropane	ND		ug/Kg	5.0	0.56	07/21/21	07/21/21
Bromodichloromethane	ND		ug/Kg	5.0	0.50	07/21/21	07/21/21
Dibromomethane	ND		ug/Kg	5.0	0.55	07/21/21	07/21/21
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.9	07/21/21	07/21/21
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.30	07/21/21	07/21/21
Toluene	ND		ug/Kg	5.0	0.45	07/21/21	07/21/21
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.40	07/21/21	07/21/21
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.57	07/21/21	07/21/21
1,3-Dichloropropane	ND		ug/Kg	5.0	0.46	07/21/21	07/21/21
Tetrachloroethene	ND		ug/Kg	5.0	0.58	07/21/21	07/21/21
Dibromochloromethane	ND		ug/Kg	5.0	0.38	07/21/21	07/21/21

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Batch QC

QC935202 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	0.51	07/21/21	07/21/21
Chlorobenzene	ND		ug/Kg	5.0	0.26	07/21/21	07/21/21
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.48	07/21/21	07/21/21
Ethylbenzene	ND		ug/Kg	5.0	0.44	07/21/21	07/21/21
m,p-Xylenes	ND		ug/Kg	10	0.83	07/21/21	07/21/21
o-Xylene	ND		ug/Kg	5.0	0.31	07/21/21	07/21/21
Styrene	ND		ug/Kg	5.0	0.46	07/21/21	07/21/21
Bromoform	ND		ug/Kg	5.0	0.50	07/21/21	07/21/21
Isopropylbenzene	ND		ug/Kg	5.0	0.36	07/21/21	07/21/21
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.38	07/21/21	07/21/21
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.73	07/21/21	07/21/21
Propylbenzene	ND		ug/Kg	5.0	0.38	07/21/21	07/21/21
Bromobenzene	ND		ug/Kg	5.0	0.34	07/21/21	07/21/21
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.40	07/21/21	07/21/21
2-Chlorotoluene	ND		ug/Kg	5.0	0.46	07/21/21	07/21/21
4-Chlorotoluene	ND		ug/Kg	5.0	0.51	07/21/21	07/21/21
tert-Butylbenzene	ND		ug/Kg	5.0	0.34	07/21/21	07/21/21
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.45	07/21/21	07/21/21
sec-Butylbenzene	ND		ug/Kg	5.0	0.45	07/21/21	07/21/21
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.54	07/21/21	07/21/21
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.47	07/21/21	07/21/21
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.46	07/21/21	07/21/21
n-Butylbenzene	ND		ug/Kg	5.0	0.66	07/21/21	07/21/21
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.53	07/21/21	07/21/21
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.64	07/21/21	07/21/21
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.89	07/21/21	07/21/21
Hexachlorobutadiene	ND		ug/Kg	5.0	0.60	07/21/21	07/21/21
Naphthalene	ND		ug/Kg	5.0	0.86	07/21/21	07/21/21
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.54	07/21/21	07/21/21
Xylene (total)	ND		ug/Kg	5.0		07/21/21	07/21/21
Surrogates				**Limits**			
Dibromofluoromethane	100%		%REC	70-130	1.3	07/21/21	07/21/21
1,2-Dichloroethane-d4	100%		%REC	70-145		07/21/21	07/21/21
Toluene-d8	98%		%REC	70-145		07/21/21	07/21/21
Bromofluorobenzene	95%		%REC	70-145	1.5	07/21/21	07/21/21

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Batch QC

Type: Lab Control Sample	Lab ID: QC935203	Batch: 270884
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC935203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.64	50.00	ug/Kg	101%		70-131
MTBE	50.27	50.00	ug/Kg	101%		69-130
Benzene	48.08	50.00	ug/Kg	96%		70-130
Trichloroethene	49.15	50.00	ug/Kg	98%		70-130
Toluene	50.32	50.00	ug/Kg	101%		70-130
Chlorobenzene	49.01	50.00	ug/Kg	98%		70-130
Surrogates						
Dibromofluoromethane	50.61	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	47.75	50.00	ug/Kg	96%		70-145
Toluene-d8	51.54	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	52.32	50.00	ug/Kg	105%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC935204	Batch: 270884
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC935204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.39	50.00	ug/Kg	95%		70-131	7	33
MTBE	44.50	50.00	ug/Kg	89%		69-130	12	30
Benzene	45.90	50.00	ug/Kg	92%		70-130	5	30
Trichloroethene	45.57	50.00	ug/Kg	91%		70-130	8	30
Toluene	46.59	50.00	ug/Kg	93%		70-130	8	30
Chlorobenzene	46.54	50.00	ug/Kg	93%		70-130	5	30
Surrogates								
Dibromofluoromethane	50.46	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	47.13	50.00	ug/Kg	94%		70-145		
Toluene-d8	51.05	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	52.17	50.00	ug/Kg	104%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC935221		**Batch:** 270888
Matrix: Soil	**Method:** EPA 8270C-SIM		**Prep Method:** EPA 3546

QC935221 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	3.3	07/21/21	07/21/21
2-Methylnaphthalene	ND		ug/Kg	10	3.5	07/21/21	07/21/21
Naphthalene	ND		ug/Kg	10	3.6	07/21/21	07/21/21
Acenaphthylene	ND		ug/Kg	10	3.4	07/21/21	07/21/21
Acenaphthene	ND		ug/Kg	10	3.7	07/21/21	07/21/21
Fluorene	ND		ug/Kg	10	3.8	07/21/21	07/21/21
Phenanthrene	ND		ug/Kg	10	4.3	07/21/21	07/21/21
Anthracene	ND		ug/Kg	10	3.8	07/21/21	07/21/21
Fluoranthene	ND		ug/Kg	10	3.7	07/21/21	07/21/21
Pyrene	ND		ug/Kg	10	4.0	07/21/21	07/21/21
Benzo(a)anthracene	ND		ug/Kg	10	4.1	07/21/21	07/21/21
Chrysene	ND		ug/Kg	10	4.1	07/21/21	07/21/21
Benzo(b)fluoranthene	ND		ug/Kg	10	3.1	07/21/21	07/21/21
Benzo(k)fluoranthene	ND		ug/Kg	10	5.4	07/21/21	07/21/21
Benzo(a)pyrene	ND		ug/Kg	10	2.7	07/21/21	07/21/21
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	3.6	07/21/21	07/21/21
Dibenz(a,h)anthracene	ND		ug/Kg	10	3.2	07/21/21	07/21/21
Benzo(g,h,i)perylene	ND		ug/Kg	10	3.7	07/21/21	07/21/21
Surrogates				**Limits**			
Nitrobenzene-d5	75%		%REC	27-125		07/21/21	07/21/21
2-Fluorobiphenyl	79%		%REC	30-120		07/21/21	07/21/21
Terphenyl-d14	76%		%REC	33-155		07/21/21	07/21/21

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC935222**	**Batch:**	**270888**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC935222 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	30.42	50.00	ug/Kg	61%		28-130
2-Methylnaphthalene	33.00	50.00	ug/Kg	66%		33-130
Naphthalene	31.95	50.00	ug/Kg	64%		25-130
Acenaphthylene	32.77	50.00	ug/Kg	66%		28-130
Acenaphthene	32.71	50.00	ug/Kg	65%		32-130
Fluorene	33.09	50.00	ug/Kg	66%		35-130
Phenanthrene	34.16	50.00	ug/Kg	68%		35-132
Anthracene	34.01	50.00	ug/Kg	68%		34-136
Fluoranthene	33.09	50.00	ug/Kg	66%		34-139
Pyrene	32.39	50.00	ug/Kg	65%		35-134
Benzo(a)anthracene	33.26	50.00	ug/Kg	67%		30-132
Chrysene	33.63	50.00	ug/Kg	67%		29-130
Benzo(b)fluoranthene	29.84	50.00	ug/Kg	60%		32-137
Benzo(k)fluoranthene	31.27	50.00	ug/Kg	63%		32-130
Benzo(a)pyrene	26.44	50.00	ug/Kg	53%		10-138
Indeno(1,2,3-cd)pyrene	30.12	50.00	ug/Kg	60%		34-132
Dibenz(a,h)anthracene	30.23	50.00	ug/Kg	60%		32-130
Benzo(g,h,i)perylene	31.26	50.00	ug/Kg	63%		27-130
Surrogates						
Nitrobenzene-d5	32.15	50.00	ug/Kg	64%		27-125
2-Fluorobiphenyl	32.88	50.00	ug/Kg	66%		30-120
Terphenyl-d14	29.47	50.00	ug/Kg	59%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC935223**	**Batch:**	**270888**
Matrix (Source ID):	**Soil (448023-017)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC935223 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	31.77	ND	50.00	ug/Kg	64%		25-130	1
2-Methylnaphthalene	34.67	ND	50.00	ug/Kg	69%		32-133	1
Naphthalene	33.72	ND	50.00	ug/Kg	67%		33-130	1
Acenaphthylene	34.54	ND	50.00	ug/Kg	69%		14-157	1
Acenaphthene	33.38	ND	50.00	ug/Kg	67%		28-134	1
Fluorene	34.80	ND	50.00	ug/Kg	70%		27-140	1
Phenanthrene	36.10	ND	50.00	ug/Kg	72%		29-147	1
Anthracene	36.15	ND	50.00	ug/Kg	72%		24-156	1
Fluoranthene	35.60	ND	50.00	ug/Kg	71%		28-160	1
Pyrene	34.85	ND	50.00	ug/Kg	70%		26-153	1
Benzo(a)anthracene	37.39	ND	50.00	ug/Kg	75%		26-174	1
Chrysene	36.75	ND	50.00	ug/Kg	74%		40-139	1
Benzo(b)fluoranthene	33.99	ND	50.00	ug/Kg	68%		36-164	1
Benzo(k)fluoranthene	33.52	ND	50.00	ug/Kg	67%		36-161	1
Benzo(a)pyrene	28.87	ND	50.00	ug/Kg	58%		18-173	1
Indeno(1,2,3-cd)pyrene	32.78	ND	50.00	ug/Kg	66%		26-154	1
Dibenz(a,h)anthracene	33.72	ND	50.00	ug/Kg	67%		38-132	1
Benzo(g,h,i)perylene	34.17	ND	50.00	ug/Kg	68%		36-130	1
Surrogates								
Nitrobenzene-d5	32.04		50.00	ug/Kg	64%		27-125	1
2-Fluorobiphenyl	33.88		50.00	ug/Kg	68%		30-120	1
Terphenyl-d14	32.06		50.00	ug/Kg	64%		33-155	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC935224**	**Batch:**	**270888**
Matrix (Source ID):	**Soil (448023-017)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC935224 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	27.82	ND	50.00	ug/Kg	56%		25-130	13	35	1
2-Methylnaphthalene	30.14	ND	50.00	ug/Kg	60%		32-133	14	35	1
Naphthalene	28.70	ND	50.00	ug/Kg	57%		33-130	16	35	1
Acenaphthylene	30.09	ND	50.00	ug/Kg	60%		14-157	14	35	1
Acenaphthene	29.53	ND	50.00	ug/Kg	59%		28-134	12	35	1
Fluorene	30.12	ND	50.00	ug/Kg	60%		27-140	14	35	1
Phenanthrene	31.23	ND	50.00	ug/Kg	62%		29-147	14	35	1
Anthracene	30.30	ND	50.00	ug/Kg	61%		24-156	18	35	1
Fluoranthene	30.22	ND	50.00	ug/Kg	60%		28-160	16	35	1
Pyrene	29.64	ND	50.00	ug/Kg	59%		26-153	16	35	1
Benzo(a)anthracene	30.74	ND	50.00	ug/Kg	61%		26-174	20	35	1
Chrysene	30.96	ND	50.00	ug/Kg	62%		40-139	17	35	1
Benzo(b)fluoranthene	26.88	ND	50.00	ug/Kg	54%		36-164	23	35	1
Benzo(k)fluoranthene	28.79	ND	50.00	ug/Kg	58%		36-161	15	35	1
Benzo(a)pyrene	24.59	ND	50.00	ug/Kg	49%		18-173	16	35	1
Indeno(1,2,3-cd)pyrene	27.11	ND	50.00	ug/Kg	54%		26-154	19	35	1
Dibenz(a,h)anthracene	28.08	ND	50.00	ug/Kg	56%		38-132	18	35	1
Benzo(g,h,i)perylene	28.27	ND	50.00	ug/Kg	57%		36-130	19	35	1
Surrogates										
Nitrobenzene-d5	28.31		50.00	ug/Kg	57%		27-125			1
2-Fluorobiphenyl	29.67		50.00	ug/Kg	59%		30-120			1
Terphenyl-d14	27.59		50.00	ug/Kg	55%		33-155			1

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC935225**	**Batch:**	**270889**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC935225 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/L	0.50	0.28	07/21/21	07/21/21
2-Methylnaphthalene	ND		ug/L	0.50	0.25	07/21/21	07/21/21
Naphthalene	ND		ug/L	0.50	0.27	07/21/21	07/21/21
Acenaphthylene	ND		ug/L	0.50	0.31	07/21/21	07/21/21
Acenaphthene	ND		ug/L	0.50	0.29	07/21/21	07/21/21
Fluorene	ND		ug/L	0.50	0.29	07/21/21	07/21/21
Phenanthrene	ND		ug/L	0.50	0.28	07/21/21	07/21/21
Anthracene	ND		ug/L	0.50	0.26	07/21/21	07/21/21
Fluoranthene	ND		ug/L	0.50	0.30	07/21/21	07/21/21
Pyrene	ND		ug/L	0.50	0.30	07/21/21	07/21/21
Benzo(a)anthracene	ND		ug/L	0.50	0.33	07/21/21	07/21/21
Chrysene	ND		ug/L	0.50	0.32	07/21/21	07/21/21
Benzo(b)fluoranthene	ND		ug/L	0.50	0.37	07/21/21	07/21/21
Benzo(k)fluoranthene	ND		ug/L	0.50	0.37	07/21/21	07/21/21
Benzo(a)pyrene	ND		ug/L	0.50	0.33	07/21/21	07/21/21
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.50	0.32	07/21/21	07/21/21
Dibenz(a,h)anthracene	ND		ug/L	0.50	0.23	07/21/21	07/21/21
Benzo(g,h,i)perylene	ND		ug/L	0.50	0.32	07/21/21	07/21/21
Surrogates				**Limits**			
Nitrobenzene-d5	69%		%REC	16-125		07/21/21	07/21/21
2-Fluorobiphenyl	69%		%REC	17-120		07/21/21	07/21/21
Terphenyl-d14	66%		%REC	39-123		07/21/21	07/21/21

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Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC935226**	**Batch:**	**270889**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC935226 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	0.6578	1.000	ug/L	66%		23-120
2-Methylnaphthalene	0.7099	1.000	ug/L	71%		33-120
Naphthalene	0.7077	1.000	ug/L	71%		38-120
Acenaphthylene	0.7476	1.000	ug/L	75%		37-120
Acenaphthene	0.7293	1.000	ug/L	73%		39-120
Fluorene	0.7585	1.000	ug/L	76%		43-120
Phenanthrene	0.7906	1.000	ug/L	79%		42-120
Anthracene	0.7773	1.000	ug/L	78%		42-120
Fluoranthene	0.7497	1.000	ug/L	75%		48-120
Pyrene	0.7309	1.000	ug/L	73%		44-120
Benzo(a)anthracene	0.7807	1.000	ug/L	78%		51-126
Chrysene	0.7760	1.000	ug/L	78%		47-120
Benzo(b)fluoranthene	0.6862	1.000	ug/L	69%		44-127
Benzo(k)fluoranthene	0.7389	1.000	ug/L	74%		43-127
Benzo(a)pyrene	0.6190	1.000	ug/L	62%		29-124
Indeno(1,2,3-cd)pyrene	0.7290	1.000	ug/L	73%		44-127
Dibenz(a,h)anthracene	0.7524	1.000	ug/L	75%		55-120
Benzo(g,h,i)perylene	0.7593	1.000	ug/L	76%		46-120
Surrogates						
Nitrobenzene-d5	0.7333	1.000	ug/L	73%		16-125
2-Fluorobiphenyl	0.7210	1.000	ug/L	72%		17-120
Terphenyl-d14	0.6623	1.000	ug/L	66%		39-123

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Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC935227	Batch: 270889
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3510C

QC935227 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	0.6168	1.000	ug/L	62%		23-120	6	20
2-Methylnaphthalene	0.6662	1.000	ug/L	67%		33-120	6	20
Naphthalene	0.6717	1.000	ug/L	67%		38-120	5	20
Acenaphthylene	0.6889	1.000	ug/L	69%		37-120	8	20
Acenaphthene	0.6916	1.000	ug/L	69%		39-120	5	20
Fluorene	0.7151	1.000	ug/L	72%		43-120	6	20
Phenanthrene	0.7449	1.000	ug/L	74%		42-120	6	20
Anthracene	0.7293	1.000	ug/L	73%		42-120	6	20
Fluoranthene	0.7099	1.000	ug/L	71%		48-120	5	20
Pyrene	0.6967	1.000	ug/L	70%		44-120	5	20
Benzo(a)anthracene	0.7344	1.000	ug/L	73%		51-126	6	20
Chrysene	0.7428	1.000	ug/L	74%		47-120	4	20
Benzo(b)fluoranthene	0.6565	1.000	ug/L	66%		44-127	4	20
Benzo(k)fluoranthene	0.6941	1.000	ug/L	69%		43-127	6	20
Benzo(a)pyrene	0.5913	1.000	ug/L	59%		29-124	5	20
Indeno(1,2,3-cd)pyrene	0.6820	1.000	ug/L	68%		44-127	7	20
Dibenz(a,h)anthracene	0.6809	1.000	ug/L	68%		55-120	10	20
Benzo(g,h,i)perylene	0.7128	1.000	ug/L	71%		46-120	6	20
Surrogates								
Nitrobenzene-d5	0.6625	1.000	ug/L	66%		16-125		
2-Fluorobiphenyl	0.6623	1.000	ug/L	66%		17-120		
Terphenyl-d14	0.6345	1.000	ug/L	63%		39-123		

Type: Blank	Lab ID: QC935297	Batch: 270912
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC935297 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	0.36	07/21/21	07/21/21
DRO C10-C28	3.2	J	mg/Kg	10	0.36	07/21/21	07/21/21
ORO C28-C44	4.5	J	mg/Kg	20	0.36	07/21/21	07/21/21
Surrogates				**Limits**			
n-Triacontane	93%		%REC	70-130		07/21/21	07/21/21

Type: Lab Control Sample	Lab ID: QC935298	Batch: 270912
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC935298 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	227.1	248.8	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	9.080	9.950	mg/Kg	91%		70-130

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC935299**	**Batch:**	**270912**
Matrix (Source ID):	**Soil (448219-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC935299 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	256.7	59.44	250.0	mg/Kg	79%		62-126	1
Surrogates								
n-Triacontane	9.863		10.00	mg/Kg	99%		70-130	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC935300**	**Batch:**	**270912**
Matrix (Source ID):	**Soil (448219-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC935300 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	258.5	59.44	251.3	mg/Kg	79%		62-126	0	35	1
Surrogates										
n-Triacontane	9.577		10.05	mg/Kg	95%		70-130			1

J Estimated value
ND Not Detected
b See narrative

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

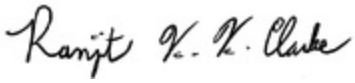
Lab Job Number:	448205
Report Level:	II
Report Date:	07/22/2021

Analytical Report *prepared for:*

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Location: 16829 - 16839 South Normandie

Authorized for release by:



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Lab Job #: 448205
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

Sample ID	Lab ID	Collected	Matrix
B1-SG	448205-001	07/19/21 11:38	Air
B2-SG	448205-002	07/19/21 13:47	Air
B3-SG	448205-003	07/19/21 13:51	Air
B4-SG	448205-004	07/19/21 14:45	Air
B5-SG	448205-005	07/19/21 15:30	Air

ENTHALPY ANALYTICAL

Case Narrative

Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501
Terri Men

Lab Job Number: 448205
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

This data package contains sample and QC results for five air samples, requested for the above referenced project on 07/20/21. The samples were received cold and intact.

Volatile Organics in Air by MS (EPA TO-15):

Acetone, methylene chloride, and 1,2,4-trichlorobenzene were detected between the MDL and the RL in the method blank for batch 270831; these analytes were either not detected in the sample at or above the RL, or detected at a level at least 10 times that of the blank. Many analytes were detected between the MDL and the RL in the method blank for batch 270917. B1-SG (lab # 448205-001) and B2-SG (lab # 448205-002) were diluted due to high hydrocarbons. B4-SG (lab # 448205-004) was diluted due to high non-target analytes. No other analytical problems were encountered.

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Air Chain of Custody Record — Lab No: 448205 — Page: of

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

#N/A
#N/A

Special Instructions:

Also email results to
Shanrahan@Partneresi.com

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner ESI	Name:	16829-16839 South Normandie
Report To:	Terri Men	Number:	323299.2
Email:	TMen@Partneresi.com	P.O. #:	
Address:	2154 Torrance Blvd Suite 200	Address:	
Phone:	310-765-7259	Global ID:	
Fax:		Sampled By:	Sean Hanrahan

	Sample ID	Type: (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: TO-15 / 8260
1	B1-SG	SV	C10506	1L	153	7/19/21	1130	-29	7/19/21	1138	-4	X
2	B2-SG		C10251		28		1340	-28		1347	-4	X
3	B3-SG		C10112		none		1345	-28		1351	-2	X
4	B4-SG		C10484		168		1438	-28		1445	-2	X
5	B5-SG		C10343		none		1524	-30		1530	-4	X
6												
7												
8												
9												
10												

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Sean Hanrahan	Partner ESI	7/20/2021 1002
[1] Received By:	E.M Mesa	Luz EG Mendoza	E.A.	7/20/2021 @ 1002 hrs
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

Ambient

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Partner ESI

Project: 16879 - 16889 South Normandie

Date Received: 7/20/21

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Canisters ambient

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Heena Sylvestin Date: 7/20/21

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www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 448205

Terri Men
Partner Engineering & Science
2154 Torrance Blvd.
Suite 200
Torrance, CA 90501

Lab Job #: 448205
Location: 16829 - 16839 South Normandie
Date Received: 07/20/21

Sample ID: B1-SG **Lab ID: 448205-001** **Collected: 07/19/21 11:38**
Matrix: Air

448205-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD										
Freon 12	ND		ug/m3	300	52	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Freon 114	ND		ug/m3	420	66	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Chloromethane	**20**	J	ug/m3	120	13	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Vinyl Chloride	ND		ug/m3	150	24	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Bromomethane	ND		ug/m3	230	23	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Chloroethane	ND		ug/m3	160	34	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Trichlorofluoromethane	ND		ug/m3	340	49	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1-Dichloroethene	ND		ug/m3	240	52	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Freon 113	ND		ug/m3	460	58	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Acetone	**330**	J	ug/m3	710	33	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Carbon Disulfide	ND		ug/m3	190	29	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Isopropanol (IPA)	ND		ug/m3	740	20	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Methylene Chloride	**200**	B,J	ug/m3	210	22	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
trans-1,2-Dichloroethene	ND		ug/m3	240	25	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
MTBE	ND		ug/m3	220	31	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
n-Hexane	**53**	J	ug/m3	210	24	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1-Dichloroethane	ND		ug/m3	240	32	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Vinyl Acetate	ND		ug/m3	1,100	57	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
cis-1,2-Dichloroethene	ND		ug/m3	240	24	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
2-Butanone	**40**	J	ug/m3	880	30	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Chloroform	ND		ug/m3	290	38	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1,1-Trichloroethane	ND		ug/m3	330	42	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Carbon Tetrachloride	ND		ug/m3	380	52	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Benzene	**37**	J	ug/m3	190	23	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2-Dichloroethane	ND		ug/m3	240	34	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Trichloroethene	ND		ug/m3	320	54	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2-Dichloropropane	ND		ug/m3	280	44	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Bromodichloromethane	ND		ug/m3	400	69	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
cis-1,3-Dichloropropene	ND		ug/m3	270	45	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
4-Methyl-2-Pentanone	ND		ug/m3	250	32	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Toluene	**300**		ug/m3	230	35	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
trans-1,3-Dichloropropene	ND		ug/m3	270	78	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1,2-Trichloroethane	ND		ug/m3	330	39	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Tetrachloroethene	**45**	J	ug/m3	410	43	300	270917	07/22/21 10:46	07/22/21 10:46	GSG

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448205

448205-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Hexanone	ND		ug/m3	610	32	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Dibromochloromethane	ND		ug/m3	510	69	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2-Dibromoethane	ND		ug/m3	460	69	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Chlorobenzene	ND		ug/m3	280	44	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Ethylbenzene	**61**	J	ug/m3	260	34	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
m,p-Xylenes	**280**	J	ug/m3	520	53	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
o-Xylene	ND		ug/m3	260	30	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Styrene	ND		ug/m3	260	26	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Bromoform	ND		ug/m3	620	58	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	410	51	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	410	53	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
4-Ethyltoluene	ND		ug/m3	290	33	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,3,5-Trimethylbenzene	ND		ug/m3	290	32	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2,4-Trimethylbenzene	**70**	B,J	ug/m3	290	25	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,3-Dichlorobenzene	ND		ug/m3	360	52	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,4-Dichlorobenzene	ND		ug/m3	360	41	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Benzyl chloride	ND		ug/m3	310	40	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2-Dichlorobenzene	ND		ug/m3	360	55	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
1,2,4-Trichlorobenzene	**75**	B,J	ug/m3	450	42	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Hexachlorobutadiene	**73**	B,J	ug/m3	640	73	300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Xylene (total)	**280**	J	ug/m3	260		300	270917	07/22/21 10:46	07/22/21 10:46	GSG
TIC:1,1-Difluoroethane	ND		ug/m3			300	270917	07/22/21 10:46	07/22/21 10:46	GSG
Surrogates				**Limits**						
Bromofluorobenzene	84%		%REC	60-140		300	270917	07/22/21 10:46	07/22/21 10:46	GSG

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448205

Sample ID: B2-SG	Lab ID: 448205-002	Collected: 07/19/21 13:47
	Matrix: Air	

448205-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD										
Freon 12	ND		ug/m3	300	52	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Freon 114	ND		ug/m3	420	66	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Chloromethane	**16**	J	ug/m3	120	13	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Vinyl Chloride	ND		ug/m3	150	24	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Bromomethane	ND		ug/m3	230	23	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Chloroethane	ND		ug/m3	160	34	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Trichlorofluoromethane	ND		ug/m3	340	49	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1-Dichloroethene	ND		ug/m3	240	52	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Freon 113	ND		ug/m3	460	58	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Acetone	ND		ug/m3	710	33	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Carbon Disulfide	ND		ug/m3	190	29	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Isopropanol (IPA)	ND		ug/m3	740	20	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Methylene Chloride	**240**	B	ug/m3	210	22	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
trans-1,2-Dichloroethene	ND		ug/m3	240	25	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
MTBE	ND		ug/m3	220	31	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
n-Hexane	**1,300**		ug/m3	210	24	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1-Dichloroethane	ND		ug/m3	240	32	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Vinyl Acetate	ND		ug/m3	1,100	57	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
cis-1,2-Dichloroethene	ND		ug/m3	240	24	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
2-Butanone	ND		ug/m3	880	30	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Chloroform	ND		ug/m3	290	38	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1,1-Trichloroethane	ND		ug/m3	330	42	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Carbon Tetrachloride	ND		ug/m3	380	52	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Benzene	**61**	J	ug/m3	190	23	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2-Dichloroethane	ND		ug/m3	240	34	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Trichloroethene	ND		ug/m3	320	54	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2-Dichloropropane	ND		ug/m3	280	44	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Bromodichloromethane	ND		ug/m3	400	69	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
cis-1,3-Dichloropropene	ND		ug/m3	270	45	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
4-Methyl-2-Pentanone	ND		ug/m3	250	32	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Toluene	**590**		ug/m3	230	35	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
trans-1,3-Dichloropropene	ND		ug/m3	270	78	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1,2-Trichloroethane	ND		ug/m3	330	39	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Tetrachloroethene	ND		ug/m3	410	43	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
2-Hexanone	ND		ug/m3	610	32	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Dibromochloromethane	ND		ug/m3	510	69	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2-Dibromoethane	ND		ug/m3	460	69	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Chlorobenzene	ND		ug/m3	280	44	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Ethylbenzene	**51**	J	ug/m3	260	34	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
m,p-Xylenes	**200**	J	ug/m3	520	53	300	270917	07/22/21 11:31	07/22/21 11:31	GSG

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448205

448205-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/m3	260	30	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Styrene	ND		ug/m3	260	26	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Bromoform	ND		ug/m3	620	58	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	410	51	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	410	53	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
4-Ethyltoluene	ND		ug/m3	290	33	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,3,5-Trimethylbenzene	ND		ug/m3	290	32	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2,4-Trimethylbenzene	ND		ug/m3	290	25	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,3-Dichlorobenzene	ND		ug/m3	360	52	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,4-Dichlorobenzene	ND		ug/m3	360	41	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Benzyl chloride	ND		ug/m3	310	40	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2-Dichlorobenzene	ND		ug/m3	360	55	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	450	42	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Hexachlorobutadiene	ND		ug/m3	640	73	300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Xylene (total)	**200**	J	ug/m3	260		300	270917	07/22/21 11:31	07/22/21 11:31	GSG
TIC:1,1-Difluoroethane	**7,500**	J	ug/m3			300	270917	07/22/21 11:31	07/22/21 11:31	GSG
Surrogates				**Limits**						
Bromofluorobenzene	86%		%REC	60-140		300	270917	07/22/21 11:31	07/22/21 11:31	GSG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448205

Sample ID: B3-SG	Lab ID: 448205-003	Collected: 07/19/21 13:51
	Matrix: Air	

448205-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD										
Freon 12	**23**		ug/m3	15	2.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Freon 114	ND		ug/m3	21	3.3	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Chloromethane	**7.9**		ug/m3	6.2	0.66	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Vinyl Chloride	ND		ug/m3	7.7	1.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Bromomethane	**1.2**	J	ug/m3	12	1.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Chloroethane	**2.2**	J	ug/m3	7.9	1.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Trichlorofluoromethane	**13**	J	ug/m3	17	2.4	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,1-Dichloroethene	ND		ug/m3	12	2.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Freon 113	**6.4**	J	ug/m3	23	2.9	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Acetone	**770**		ug/m3	36	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Carbon Disulfide	**49**		ug/m3	9.3	1.5	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Isopropanol (IPA)	**21**	J	ug/m3	37	0.98	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Methylene Chloride	ND		ug/m3	10	1.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
trans-1,2-Dichloroethene	ND		ug/m3	12	1.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
MTBE	ND		ug/m3	11	1.5	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
n-Hexane	**1,400**		ug/m3	530	61	750	270917	07/21/21 20:42	07/21/21 20:42	GSG
1,1-Dichloroethane	ND		ug/m3	12	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Vinyl Acetate	ND		ug/m3	53	2.8	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
cis-1,2-Dichloroethene	ND		ug/m3	12	1.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
2-Butanone	**160**		ug/m3	44	1.5	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Chloroform	**5.5**	J	ug/m3	15	1.9	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,1,1-Trichloroethane	ND		ug/m3	16	2.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Carbon Tetrachloride	**7.9**	J	ug/m3	19	2.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Benzene	**210**		ug/m3	9.6	1.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2-Dichloroethane	ND		ug/m3	12	1.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Trichloroethene	**860**		ug/m3	16	2.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2-Dichloropropane	ND		ug/m3	14	2.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Bromodichloromethane	ND		ug/m3	20	3.4	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
cis-1,3-Dichloropropene	ND		ug/m3	14	2.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
4-Methyl-2-Pentanone	**42**		ug/m3	12	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Toluene	**1,300**		ug/m3	11	1.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
trans-1,3-Dichloropropene	ND		ug/m3	14	3.9	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,1,2-Trichloroethane	ND		ug/m3	16	2.0	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Tetrachloroethene	**220**		ug/m3	20	2.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
2-Hexanone	ND		ug/m3	31	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Dibromochloromethane	ND		ug/m3	26	3.4	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2-Dibromoethane	ND		ug/m3	23	3.5	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Chlorobenzene	ND		ug/m3	14	2.2	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Ethylbenzene	**420**		ug/m3	13	1.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
m,p-Xylenes	**1,500**		ug/m3	26	2.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 448205

448205-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	**500**		ug/m3	13	1.5	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Styrene	**18**		ug/m3	13	1.3	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Bromoform	ND		ug/m3	31	2.9	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	21	2.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	21	2.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
4-Ethyltoluene	**65**		ug/m3	15	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,3,5-Trimethylbenzene	**68**		ug/m3	15	1.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2,4-Trimethylbenzene	**230**		ug/m3	15	1.3	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,3-Dichlorobenzene	ND		ug/m3	18	2.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,4-Dichlorobenzene	ND		ug/m3	18	2.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Benzyl chloride	ND		ug/m3	16	2.0	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2-Dichlorobenzene	ND		ug/m3	18	2.7	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	22	2.1	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Hexachlorobutadiene	ND		ug/m3	32	3.6	15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Xylene (total)	**2,000**		ug/m3	13		15	270831	07/21/21 06:34	07/21/21 06:34	GSG
TIC:1,1-Difluoroethane	**36,000**	J	ug/m3			15	270831	07/21/21 06:34	07/21/21 06:34	GSG
Surrogates				**Limits**						
Bromofluorobenzene	85%		%REC	60-140		15	270831	07/21/21 06:34	07/21/21 06:34	GSG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448205

Sample ID: B4-SG	Lab ID: 448205-004	Collected: 07/19/21 14:45
	Matrix: Air	

448205-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD										
Freon 12	ND		ug/m3	150	26	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Freon 114	ND		ug/m3	210	33	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Chloromethane	ND		ug/m3	62	6.6	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Vinyl Chloride	ND		ug/m3	77	12	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Bromomethane	ND		ug/m3	120	12	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Chloroethane	ND		ug/m3	79	17	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Trichlorofluoromethane	ND		ug/m3	170	24	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1-Dichloroethene	ND		ug/m3	120	26	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Freon 113	ND		ug/m3	230	29	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Acetone	ND		ug/m3	360	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Carbon Disulfide	ND		ug/m3	93	15	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Isopropanol (IPA)	ND		ug/m3	370	9.8	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Methylene Chloride	**110**	B	ug/m3	100	11	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
trans-1,2-Dichloroethene	ND		ug/m3	120	12	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
MTBE	ND		ug/m3	110	15	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
n-Hexane	**230**		ug/m3	110	12	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1-Dichloroethane	ND		ug/m3	120	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Vinyl Acetate	ND		ug/m3	530	28	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
cis-1,2-Dichloroethene	ND		ug/m3	120	12	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
2-Butanone	**19**	J	ug/m3	440	15	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Chloroform	ND		ug/m3	150	19	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1,1-Trichloroethane	ND		ug/m3	160	21	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Carbon Tetrachloride	ND		ug/m3	190	26	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Benzene	**19**	J	ug/m3	96	11	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2-Dichloroethane	ND		ug/m3	120	17	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Trichloroethene	ND		ug/m3	160	27	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2-Dichloropropane	ND		ug/m3	140	22	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Bromodichloromethane	ND		ug/m3	200	34	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
cis-1,3-Dichloropropene	ND		ug/m3	140	22	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
4-Methyl-2-Pentanone	ND		ug/m3	120	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Toluene	**69**	J	ug/m3	110	17	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
trans-1,3-Dichloropropene	ND		ug/m3	140	39	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1,2-Trichloroethane	ND		ug/m3	160	20	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Tetrachloroethene	ND		ug/m3	200	21	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
2-Hexanone	ND		ug/m3	310	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Dibromochloromethane	ND		ug/m3	260	34	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2-Dibromoethane	ND		ug/m3	230	35	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Chlorobenzene	ND		ug/m3	140	22	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Ethylbenzene	**21**	J	ug/m3	130	17	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
m,p-Xylenes	**92**	J	ug/m3	260	27	150	270917	07/21/21 22:12	07/21/21 22:12	GSG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448205

448205-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	**34**	J	ug/m3	130	15	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Styrene	ND		ug/m3	130	13	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Bromoform	ND		ug/m3	310	29	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	210	26	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	210	27	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
4-Ethyltoluene	**19**	B,J	ug/m3	150	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,3,5-Trimethylbenzene	**24**	J	ug/m3	150	16	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2,4-Trimethylbenzene	**84**	B,J	ug/m3	150	13	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,3-Dichlorobenzene	ND		ug/m3	180	26	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,4-Dichlorobenzene	ND		ug/m3	180	21	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Benzyl chloride	ND		ug/m3	160	20	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2-Dichlorobenzene	ND		ug/m3	180	27	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	220	21	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Hexachlorobutadiene	ND		ug/m3	320	36	150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Xylene (total)	**130**	J	ug/m3	130		150	270917	07/21/21 22:12	07/21/21 22:12	GSG
TIC:1,1-Difluoroethane	**58,000**	J	ug/m3			150	270917	07/21/21 22:12	07/21/21 22:12	GSG
Surrogates				**Limits**						
Bromofluorobenzene	87%		%REC	60-140		150	270917	07/21/21 22:12	07/21/21 22:12	GSG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448205

Sample ID: B5-SG	Lab ID: 448205-005	Collected: 07/19/21 15:30
	Matrix: Air	

448205-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD										
Freon 12	**2.1**	J	ug/m3	7.4	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Freon 114	ND		ug/m3	10	1.7	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Chloromethane	**2.7**	J	ug/m3	3.1	0.33	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Vinyl Chloride	ND		ug/m3	3.8	0.60	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Bromomethane	ND		ug/m3	5.8	0.58	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Chloroethane	ND		ug/m3	4.0	0.86	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Trichlorofluoromethane	ND		ug/m3	8.4	1.2	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1-Dichloroethene	ND		ug/m3	5.9	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Freon 113	ND		ug/m3	11	1.4	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Acetone	**79**		ug/m3	18	0.82	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Carbon Disulfide	**14**		ug/m3	4.7	0.73	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Isopropanol (IPA)	**1.7**	B,J	ug/m3	18	0.49	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Methylene Chloride	**4.0**	B,J	ug/m3	5.2	0.54	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
trans-1,2-Dichloroethene	ND		ug/m3	5.9	0.61	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
MTBE	ND		ug/m3	5.4	0.77	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
n-Hexane	**140**		ug/m3	5.3	0.61	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1-Dichloroethane	ND		ug/m3	6.1	0.80	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Vinyl Acetate	ND		ug/m3	26	1.4	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
cis-1,2-Dichloroethene	ND		ug/m3	5.9	0.61	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
2-Butanone	**10**	J	ug/m3	22	0.75	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Chloroform	**2.9**	J	ug/m3	7.3	0.96	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1,1-Trichloroethane	ND		ug/m3	8.2	1.0	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Carbon Tetrachloride	ND		ug/m3	9.4	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Benzene	**13**		ug/m3	4.8	0.57	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2-Dichloroethane	ND		ug/m3	6.1	0.86	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Trichloroethene	ND		ug/m3	8.1	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2-Dichloropropane	ND		ug/m3	6.9	1.1	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Bromodichloromethane	ND		ug/m3	10	1.7	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
cis-1,3-Dichloropropene	ND		ug/m3	6.8	1.1	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
4-Methyl-2-Pentanone	ND		ug/m3	6.1	0.81	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Toluene	**78**		ug/m3	5.7	0.87	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
trans-1,3-Dichloropropene	ND		ug/m3	6.8	1.9	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1,2-Trichloroethane	ND		ug/m3	8.2	0.98	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Tetrachloroethene	ND		ug/m3	10	1.1	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
2-Hexanone	ND		ug/m3	15	0.79	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Dibromochloromethane	ND		ug/m3	13	1.7	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2-Dibromoethane	ND		ug/m3	12	1.7	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Chlorobenzene	ND		ug/m3	6.9	1.1	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Ethylbenzene	**16**		ug/m3	6.5	0.85	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
m,p-Xylenes	**49**		ug/m3	13	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 448205

448205-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	**17**		ug/m3	6.5	0.76	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Styrene	ND		ug/m3	6.4	0.66	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Bromoform	ND		ug/m3	16	1.4	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	10	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	10	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
4-Ethyltoluene	**3.6**	B,J	ug/m3	7.4	0.81	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,3,5-Trimethylbenzene	**3.7**	J	ug/m3	7.4	0.80	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2,4-Trimethylbenzene	**12**		ug/m3	7.4	0.63	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,3-Dichlorobenzene	ND		ug/m3	9.0	1.3	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,4-Dichlorobenzene	ND		ug/m3	9.0	1.0	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Benzyl chloride	ND		ug/m3	7.8	1.0	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2-Dichlorobenzene	ND		ug/m3	9.0	1.4	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	11	1.0	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Hexachlorobutadiene	ND		ug/m3	16	1.8	7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Xylene (total)	**66**		ug/m3	6.5		7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
TIC:1,1-Difluoroethane	**3,200**	J	ug/m3			7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG
Surrogates				**Limits**						
Bromofluorobenzene	89%		%REC	60-140		7.5	270917	07/21/21 22:53	07/21/21 22:53	GSG

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC935100**	**Batch:**	**270831**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935100 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Freon 12	9.092	10.00	ppbv	91%		70-130
Freon 114	8.860	10.00	ppbv	89%		70-130
Chloromethane	10.72	10.00	ppbv	107%		70-130
Vinyl Chloride	10.01	10.00	ppbv	100%		70-130
Bromomethane	9.550	10.00	ppbv	95%		70-130
Chloroethane	10.27	10.00	ppbv	103%		70-130
Trichlorofluoromethane	9.305	10.00	ppbv	93%		70-130
1,1-Dichloroethene	9.284	10.00	ppbv	93%		70-130
Freon 113	9.566	10.00	ppbv	96%		70-130
Acetone	9.704	10.00	ppbv	97%		70-130
Carbon Disulfide	10.17	10.00	ppbv	102%		70-130
Isopropanol (IPA)	8.918	10.00	ppbv	89%		70-130
Methylene Chloride	10.54	10.00	ppbv	105%		70-130
trans-1,2-Dichloroethene	10.13	10.00	ppbv	101%		70-130
MTBE	8.806	10.00	ppbv	88%		70-130
1,1-Dichloroethane	9.937	10.00	ppbv	99%		70-130
Vinyl Acetate	9.950	10.00	ppbv	100%		70-130
cis-1,2-Dichloroethene	9.740	10.00	ppbv	97%		70-130
2-Butanone	8.870	10.00	ppbv	89%		70-130
Chloroform	9.390	10.00	ppbv	94%		70-130
1,1,1-Trichloroethane	9.355	10.00	ppbv	94%		70-130
Carbon Tetrachloride	9.303	10.00	ppbv	93%		70-130
Benzene	9.276	10.00	ppbv	93%		70-130
1,2-Dichloroethane	9.472	10.00	ppbv	95%		70-130
Trichloroethene	9.279	10.00	ppbv	93%		70-130
1,2-Dichloropropane	10.47	10.00	ppbv	105%		70-130
Bromodichloromethane	9.825	10.00	ppbv	98%		70-130
cis-1,3-Dichloropropene	9.632	10.00	ppbv	96%		70-130
4-Methyl-2-Pentanone	9.928	10.00	ppbv	99%		70-130
Toluene	9.552	10.00	ppbv	96%		70-130
trans-1,3-Dichloropropene	9.567	10.00	ppbv	96%		70-130
1,1,2-Trichloroethane	9.644	10.00	ppbv	96%		70-130
Tetrachloroethene	8.702	10.00	ppbv	87%		70-130
2-Hexanone	9.887	10.00	ppbv	99%		70-130
Dibromochloromethane	9.825	10.00	ppbv	98%		70-130
1,2-Dibromoethane	9.492	10.00	ppbv	95%		70-130
Chlorobenzene	8.864	10.00	ppbv	89%		70-130
Ethylbenzene	8.985	10.00	ppbv	90%		70-130
m,p-Xylenes	17.92	20.00	ppbv	90%		70-130
o-Xylene	9.245	10.00	ppbv	92%		70-130
Styrene	8.038	10.00	ppbv	80%		70-130
Bromoform	9.218	10.00	ppbv	92%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC935100 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	9.724	10.00	ppbv	97%		70-130
1,1,1,2-Tetrachloroethane	9.175	10.00	ppbv	92%		70-130
4-Ethyltoluene	8.918	10.00	ppbv	89%		70-130
1,3,5-Trimethylbenzene	8.723	10.00	ppbv	87%		70-130
1,2,4-Trimethylbenzene	8.628	10.00	ppbv	86%		70-130
1,3-Dichlorobenzene	9.937	10.00	ppbv	99%		70-130
1,4-Dichlorobenzene	9.616	10.00	ppbv	96%		70-130
Benzyl chloride	9.788	10.00	ppbv	98%		70-130
1,2-Dichlorobenzene	8.511	10.00	ppbv	85%		70-130
1,2,4-Trichlorobenzene	7.288	10.00	ppbv	73%		70-130
Hexachlorobutadiene	7.583	10.00	ppbv	76%		70-130
Surrogates						
Bromofluorobenzene	8.624	10.00	ppbv	86%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC935101**	**Batch:**	**270831**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ppbv	0.20	0.035	07/20/21 13:52	07/20/21 13:52
Freon 114	ND		ppbv	0.20	0.032	07/20/21 13:52	07/20/21 13:52
Chloromethane	ND		ppbv	0.20	0.021	07/20/21 13:52	07/20/21 13:52
Vinyl Chloride	ND		ppbv	0.20	0.031	07/20/21 13:52	07/20/21 13:52
Bromomethane	ND		ppbv	0.20	0.020	07/20/21 13:52	07/20/21 13:52
Chloroethane	ND		ppbv	0.20	0.043	07/20/21 13:52	07/20/21 13:52
Trichlorofluoromethane	ND		ppbv	0.20	0.029	07/20/21 13:52	07/20/21 13:52
1,1-Dichloroethene	ND		ppbv	0.20	0.044	07/20/21 13:52	07/20/21 13:52
Freon 113	ND		ppbv	0.20	0.025	07/20/21 13:52	07/20/21 13:52
Acetone	0.17	J	ppbv	1.0	0.046	07/20/21 13:52	07/20/21 13:52
Carbon Disulfide	ND		ppbv	0.20	0.031	07/20/21 13:52	07/20/21 13:52
Isopropanol (IPA)	ND		ppbv	1.0	0.026	07/20/21 13:52	07/20/21 13:52
Methylene Chloride	0.081	J	ppbv	0.20	0.021	07/20/21 13:52	07/20/21 13:52
trans-1,2-Dichloroethene	ND		ppbv	0.20	0.021	07/20/21 13:52	07/20/21 13:52
MTBE	ND		ppbv	0.20	0.028	07/20/21 13:52	07/20/21 13:52
1,1-Dichloroethane	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
Vinyl Acetate	ND		ppbv	1.0	0.054	07/20/21 13:52	07/20/21 13:52
cis-1,2-Dichloroethene	ND		ppbv	0.20	0.020	07/20/21 13:52	07/20/21 13:52
2-Butanone	ND		ppbv	1.0	0.034	07/20/21 13:52	07/20/21 13:52
Chloroform	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
1,1,1-Trichloroethane	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
Carbon Tetrachloride	ND		ppbv	0.20	0.027	07/20/21 13:52	07/20/21 13:52
Benzene	ND		ppbv	0.20	0.024	07/20/21 13:52	07/20/21 13:52
1,2-Dichloroethane	ND		ppbv	0.20	0.028	07/20/21 13:52	07/20/21 13:52
Trichloroethene	ND		ppbv	0.20	0.033	07/20/21 13:52	07/20/21 13:52
1,2-Dichloropropane	ND		ppbv	0.20	0.032	07/20/21 13:52	07/20/21 13:52
Bromodichloromethane	ND		ppbv	0.20	0.034	07/20/21 13:52	07/20/21 13:52
cis-1,3-Dichloropropene	ND		ppbv	0.20	0.033	07/20/21 13:52	07/20/21 13:52
4-Methyl-2-Pentanone	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
Toluene	ND		ppbv	0.20	0.031	07/20/21 13:52	07/20/21 13:52
trans-1,3-Dichloropropene	ND		ppbv	0.20	0.057	07/20/21 13:52	07/20/21 13:52
1,1,2-Trichloroethane	ND		ppbv	0.20	0.024	07/20/21 13:52	07/20/21 13:52
Tetrachloroethene	ND		ppbv	0.20	0.021	07/20/21 13:52	07/20/21 13:52
2-Hexanone	ND		ppbv	0.50	0.026	07/20/21 13:52	07/20/21 13:52
Dibromochloromethane	ND		ppbv	0.20	0.027	07/20/21 13:52	07/20/21 13:52
1,2-Dibromoethane	ND		ppbv	0.20	0.030	07/20/21 13:52	07/20/21 13:52
Chlorobenzene	ND		ppbv	0.20	0.032	07/20/21 13:52	07/20/21 13:52
Ethylbenzene	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
m,p-Xylenes	ND		ppbv	0.40	0.041	07/20/21 13:52	07/20/21 13:52
o-Xylene	ND		ppbv	0.20	0.023	07/20/21 13:52	07/20/21 13:52
Styrene	ND		ppbv	0.20	0.021	07/20/21 13:52	07/20/21 13:52
Bromoform	ND		ppbv	0.20	0.019	07/20/21 13:52	07/20/21 13:52

ENTHALPY ANALYTICAL

Batch QC

QC935101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	0.025	07/20/21 13:52	07/20/21 13:52
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
4-Ethyltoluene	ND		ppbv	0.20	0.022	07/20/21 13:52	07/20/21 13:52
1,3,5-Trimethylbenzene	ND		ppbv	0.20	0.022	07/20/21 13:52	07/20/21 13:52
1,2,4-Trimethylbenzene	ND		ppbv	0.20	0.017	07/20/21 13:52	07/20/21 13:52
1,3-Dichlorobenzene	ND		ppbv	0.20	0.029	07/20/21 13:52	07/20/21 13:52
1,4-Dichlorobenzene	ND		ppbv	0.20	0.023	07/20/21 13:52	07/20/21 13:52
Benzyl chloride	ND		ppbv	0.20	0.026	07/20/21 13:52	07/20/21 13:52
1,2-Dichlorobenzene	ND		ppbv	0.20	0.030	07/20/21 13:52	07/20/21 13:52
1,2,4-Trichlorobenzene	0.029	J	ppbv	0.20	0.019	07/20/21 13:52	07/20/21 13:52
Hexachlorobutadiene	ND		ppbv	0.20	0.023	07/20/21 13:52	07/20/21 13:52
Xylene (total)	ND		ppbv	0.20		07/20/21 13:52	07/20/21 13:52
TIC:1,1-Difluoroethane	ND		ppbv			07/20/21 13:52	07/20/21 13:52
Surrogates				**Limits**			
Bromofluorobenzene	85%		%REC	60-140		07/20/21 13:52	07/20/21 13:52

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC935102**	**Batch:**	**270831**
Matrix (Source ID):	**Air (447942-009)**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935102 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Freon 12	0.5205	0.5251	ppbv		1	30	1.7
Freon 114	ND	ND	ppbv			30	1.7
Chloromethane	ND	0.09199	ppbv			30	1.7
Vinyl Chloride	ND	ND	ppbv			30	1.7
Bromomethane	ND	ND	ppbv			30	1.7
Chloroethane	ND	ND	ppbv			30	1.7
Trichlorofluoromethane	ND	0.2332	ppbv			30	1.7
1,1-Dichloroethene	ND	ND	ppbv			30	1.7
Freon 113	ND	0.06168	ppbv			30	1.7
Acetone	13.04	13.45	ppbv		3	30	1.7
Carbon Disulfide	ND	0.2823	ppbv			30	1.7
Isopropanol (IPA)	ND	0.5398	ppbv			30	1.7
Methylene Chloride	1.133	1.119	ppbv		1	30	1.7
trans-1,2-Dichloroethene	ND	ND	ppbv			30	1.7
MTBE	ND	ND	ppbv			30	1.7
1,1-Dichloroethane	ND	ND	ppbv			30	1.7
Vinyl Acetate	ND	ND	ppbv			30	1.7
cis-1,2-Dichloroethene	ND	ND	ppbv			30	1.7
2-Butanone	2.212	2.194	ppbv		1	30	1.7
Chloroform	3.738	3.772	ppbv		1	30	1.7
1,1,1-Trichloroethane	0.4826	0.4969	ppbv		3	30	1.7
Carbon Tetrachloride	0.4111	0.4146	ppbv		1	30	1.7
Benzene	0.3525	0.3620	ppbv		3	30	1.7
1,2-Dichloroethane	ND	ND	ppbv			30	1.7
Trichloroethene	ND	ND	ppbv			30	1.7
1,2-Dichloropropane	ND	ND	ppbv			30	1.7
Bromodichloromethane	0.6497	0.6634	ppbv		2	30	1.7
cis-1,3-Dichloropropene	ND	ND	ppbv			30	1.7
4-Methyl-2-Pentanone	0.6887	0.7040	ppbv		2	30	1.7
Toluene	1.735	1.773	ppbv		2	30	1.7
trans-1,3-Dichloropropene	ND	ND	ppbv			30	1.7
1,1,2-Trichloroethane	ND	ND	ppbv			30	1.7
Tetrachloroethene	0.3540	0.3436	ppbv		3	30	1.7
2-Hexanone	ND	0.3079	ppbv			30	1.7
Dibromochloromethane	ND	ND	ppbv			30	1.7
1,2-Dibromoethane	ND	ND	ppbv			30	1.7
Chlorobenzene	ND	ND	ppbv			30	1.7
Ethylbenzene	ND	0.1182	ppbv			30	1.7
m,p-Xylenes	ND	0.4568	ppbv			30	1.7
o-Xylene	ND	0.1877	ppbv			30	1.7

ENTHALPY ANALYTICAL

Batch QC

QC935102 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Styrene	ND	0.04829	ppbv			30	1.7
Bromoform	ND	ND	ppbv			30	1.7
1,1,2,2-Tetrachloroethane	ND	ND	ppbv			30	1.7
1,1,1,2-Tetrachloroethane	ND	ND	ppbv			30	1.7
4-Ethyltoluene	ND	ND	ppbv			30	1.7
1,3,5-Trimethylbenzene	ND	0.04475	ppbv			30	1.7
1,2,4-Trimethylbenzene	ND	0.09193	ppbv			30	1.7
1,3-Dichlorobenzene	ND	ND	ppbv			30	1.7
1,4-Dichlorobenzene	ND	ND	ppbv			30	1.7
Benzyl chloride	ND	ND	ppbv			30	1.7
1,2-Dichlorobenzene	ND	ND	ppbv			30	1.7
1,2,4-Trichlorobenzene	ND	ND	ppbv			30	1.7
Hexachlorobutadiene	ND	ND	ppbv			30	1.7
Surrogates							
Bromofluorobenzene	85%		%REC				1.7

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC935307**	**Batch:**	**270917**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935307 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Freon 12	9.271	10.00	ppbv	93%		70-130
Freon 114	8.885	10.00	ppbv	89%		70-130
Chloromethane	9.975	10.00	ppbv	100%		70-130
Vinyl Chloride	9.776	10.00	ppbv	98%		70-130
Bromomethane	9.500	10.00	ppbv	95%		70-130
Chloroethane	9.986	10.00	ppbv	100%		70-130
Trichlorofluoromethane	9.573	10.00	ppbv	96%		70-130
1,1-Dichloroethene	9.374	10.00	ppbv	94%		70-130
Freon 113	9.735	10.00	ppbv	97%		70-130
Acetone	9.509	10.00	ppbv	95%		70-130
Carbon Disulfide	10.03	10.00	ppbv	100%		70-130
Isopropanol (IPA)	8.816	10.00	ppbv	88%		70-130
Methylene Chloride	10.12	10.00	ppbv	101%		70-130
trans-1,2-Dichloroethene	10.04	10.00	ppbv	100%		70-130
MTBE	9.237	10.00	ppbv	92%		70-130
n-Hexane	10.16	10.00	ppbv	102%		70-130
1,1-Dichloroethane	9.822	10.00	ppbv	98%		70-130
Vinyl Acetate	9.565	10.00	ppbv	96%		70-130
cis-1,2-Dichloroethene	9.600	10.00	ppbv	96%		70-130
2-Butanone	9.100	10.00	ppbv	91%		70-130
Chloroform	9.424	10.00	ppbv	94%		70-130
1,1,1-Trichloroethane	9.642	10.00	ppbv	96%		70-130
Carbon Tetrachloride	9.561	10.00	ppbv	96%		70-130
Benzene	9.406	10.00	ppbv	94%		70-130
1,2-Dichloroethane	9.636	10.00	ppbv	96%		70-130
Trichloroethene	9.237	10.00	ppbv	92%		70-130
1,2-Dichloropropane	10.03	10.00	ppbv	100%		70-130
Bromodichloromethane	9.422	10.00	ppbv	94%		70-130
cis-1,3-Dichloropropene	9.740	10.00	ppbv	97%		70-130
4-Methyl-2-Pentanone	9.693	10.00	ppbv	97%		70-130
Toluene	9.614	10.00	ppbv	96%		70-130
trans-1,3-Dichloropropene	9.763	10.00	ppbv	98%		70-130
1,1,2-Trichloroethane	9.387	10.00	ppbv	94%		70-130
Tetrachloroethene	8.775	10.00	ppbv	88%		70-130
2-Hexanone	9.714	10.00	ppbv	97%		70-130
Dibromochloromethane	9.861	10.00	ppbv	99%		70-130
1,2-Dibromoethane	9.494	10.00	ppbv	95%		70-130
Chlorobenzene	9.268	10.00	ppbv	93%		70-130
Ethylbenzene	9.296	10.00	ppbv	93%		70-130
m,p-Xylenes	18.24	20.00	ppbv	91%		70-130
o-Xylene	9.452	10.00	ppbv	95%		70-130
Styrene	8.503	10.00	ppbv	85%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC935307 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Bromoform	9.423	10.00	ppbv	94%		70-130
1,1,2,2-Tetrachloroethane	9.642	10.00	ppbv	96%		70-130
1,1,1,2-Tetrachloroethane	9.394	10.00	ppbv	94%		70-130
4-Ethyltoluene	9.137	10.00	ppbv	91%		70-130
1,3,5-Trimethylbenzene	9.038	10.00	ppbv	90%		70-130
1,2,4-Trimethylbenzene	8.997	10.00	ppbv	90%		70-130
1,3-Dichlorobenzene	10.10	10.00	ppbv	101%		70-130
1,4-Dichlorobenzene	9.929	10.00	ppbv	99%		70-130
Benzyl chloride	10.33	10.00	ppbv	103%		70-130
1,2-Dichlorobenzene	8.823	10.00	ppbv	88%		70-130
1,2,4-Trichlorobenzene	7.777	10.00	ppbv	78%		70-130
Hexachlorobutadiene	7.787	10.00	ppbv	78%		70-130
Surrogates						
Bromofluorobenzene	8.949	10.00	ppbv	89%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC935308**	**Batch:**	**270917**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935308 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ppbv	0.20	0.035	07/21/21 13:38	07/21/21 13:38
Freon 114	ND		ppbv	0.20	0.032	07/21/21 13:38	07/21/21 13:38
Chloromethane	ND		ppbv	0.20	0.021	07/21/21 13:38	07/21/21 13:38
Vinyl Chloride	ND		ppbv	0.20	0.031	07/21/21 13:38	07/21/21 13:38
Bromomethane	ND		ppbv	0.20	0.020	07/21/21 13:38	07/21/21 13:38
Chloroethane	ND		ppbv	0.20	0.043	07/21/21 13:38	07/21/21 13:38
Trichlorofluoromethane	ND		ppbv	0.20	0.029	07/21/21 13:38	07/21/21 13:38
1,1-Dichloroethene	ND		ppbv	0.20	0.044	07/21/21 13:38	07/21/21 13:38
Freon 113	ND		ppbv	0.20	0.025	07/21/21 13:38	07/21/21 13:38
Acetone	ND		ppbv	1.0	0.046	07/21/21 13:38	07/21/21 13:38
Carbon Disulfide	ND		ppbv	0.20	0.031	07/21/21 13:38	07/21/21 13:38
Isopropanol (IPA)	0.042	J	ppbv	1.0	0.026	07/21/21 13:38	07/21/21 13:38
Methylene Chloride	0.11	J	ppbv	0.20	0.021	07/21/21 13:38	07/21/21 13:38
trans-1,2-Dichloroethene	ND		ppbv	0.20	0.021	07/21/21 13:38	07/21/21 13:38
MTBE	ND		ppbv	0.20	0.028	07/21/21 13:38	07/21/21 13:38
n-Hexane	ND		ppbv	0.20	0.023	07/21/21 13:38	07/21/21 13:38
1,1-Dichloroethane	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
Vinyl Acetate	ND		ppbv	1.0	0.054	07/21/21 13:38	07/21/21 13:38
cis-1,2-Dichloroethene	ND		ppbv	0.20	0.020	07/21/21 13:38	07/21/21 13:38
2-Butanone	ND		ppbv	1.0	0.034	07/21/21 13:38	07/21/21 13:38
Chloroform	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
1,1,1-Trichloroethane	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
Carbon Tetrachloride	ND		ppbv	0.20	0.027	07/21/21 13:38	07/21/21 13:38
Benzene	ND		ppbv	0.20	0.024	07/21/21 13:38	07/21/21 13:38
1,2-Dichloroethane	ND		ppbv	0.20	0.028	07/21/21 13:38	07/21/21 13:38
Trichloroethene	ND		ppbv	0.20	0.033	07/21/21 13:38	07/21/21 13:38
1,2-Dichloropropane	ND		ppbv	0.20	0.032	07/21/21 13:38	07/21/21 13:38
Bromodichloromethane	ND		ppbv	0.20	0.034	07/21/21 13:38	07/21/21 13:38
cis-1,3-Dichloropropene	ND		ppbv	0.20	0.033	07/21/21 13:38	07/21/21 13:38
4-Methyl-2-Pentanone	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
Toluene	ND		ppbv	0.20	0.031	07/21/21 13:38	07/21/21 13:38
trans-1,3-Dichloropropene	ND		ppbv	0.20	0.057	07/21/21 13:38	07/21/21 13:38
1,1,2-Trichloroethane	ND		ppbv	0.20	0.024	07/21/21 13:38	07/21/21 13:38
Tetrachloroethene	ND		ppbv	0.20	0.021	07/21/21 13:38	07/21/21 13:38
2-Hexanone	0.040	J	ppbv	0.50	0.026	07/21/21 13:38	07/21/21 13:38
Dibromochloromethane	ND		ppbv	0.20	0.027	07/21/21 13:38	07/21/21 13:38
1,2-Dibromoethane	ND		ppbv	0.20	0.030	07/21/21 13:38	07/21/21 13:38
Chlorobenzene	ND		ppbv	0.20	0.032	07/21/21 13:38	07/21/21 13:38
Ethylbenzene	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
m,p-Xylenes	ND		ppbv	0.40	0.041	07/21/21 13:38	07/21/21 13:38
o-Xylene	ND		ppbv	0.20	0.023	07/21/21 13:38	07/21/21 13:38
Styrene	0.023	J	ppbv	0.20	0.021	07/21/21 13:38	07/21/21 13:38

ENTHALPY ANALYTICAL

Batch QC

QC935308 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ppbv	0.20	0.019	07/21/21 13:38	07/21/21 13:38
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	0.025	07/21/21 13:38	07/21/21 13:38
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
4-Ethyltoluene	0.023	J	ppbv	0.20	0.022	07/21/21 13:38	07/21/21 13:38
1,3,5-Trimethylbenzene	ND		ppbv	0.20	0.022	07/21/21 13:38	07/21/21 13:38
1,2,4-Trimethylbenzene	0.018	J	ppbv	0.20	0.017	07/21/21 13:38	07/21/21 13:38
1,3-Dichlorobenzene	0.032	J	ppbv	0.20	0.029	07/21/21 13:38	07/21/21 13:38
1,4-Dichlorobenzene	0.050	J	ppbv	0.20	0.023	07/21/21 13:38	07/21/21 13:38
Benzyl chloride	0.046	J	ppbv	0.20	0.026	07/21/21 13:38	07/21/21 13:38
1,2-Dichlorobenzene	0.034	J	ppbv	0.20	0.030	07/21/21 13:38	07/21/21 13:38
1,2,4-Trichlorobenzene	0.16	J	ppbv	0.20	0.019	07/21/21 13:38	07/21/21 13:38
Hexachlorobutadiene	0.088	J	ppbv	0.20	0.023	07/21/21 13:38	07/21/21 13:38
Xylene (total)	ND		ppbv	0.20		07/21/21 13:38	07/21/21 13:38
TIC:1,1-Difluoroethane	ND		ppbv			07/21/21 13:38	07/21/21 13:38
Surrogates				**Limits**			
Bromofluorobenzene	88%		%REC	60-140		07/21/21 13:38	07/21/21 13:38

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC935309**	**Batch:**	**270917**
Matrix (Source ID):	**Air (448194-001)**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC935309 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Freon 12	ND	ND	ppbv			30	60
Freon 114	ND	ND	ppbv			30	60
Chloromethane	ND	ND	ppbv			30	60
Vinyl Chloride	ND	ND	ppbv			30	60
Bromomethane	ND	ND	ppbv			30	60
Chloroethane	ND	ND	ppbv			30	60
Trichlorofluoromethane	ND	ND	ppbv			30	60
1,1-Dichloroethene	ND	ND	ppbv			30	60
Freon 113	ND	ND	ppbv			30	60
Acetone	607.0	564.8	ppbv		7	30	60
Carbon Disulfide	13.25	13.05	ppbv		1	30	60
Isopropanol (IPA)	71.30	72.35	ppbv		1	30	60
Methylene Chloride	200.5	230.1	ppbv		14	30	60
trans-1,2-Dichloroethene	ND	ND	ppbv			30	60
MTBE	ND	ND	ppbv			30	60
n-Hexane	117.3	117.0	ppbv		0	30	60
1,1-Dichloroethane	ND	ND	ppbv			30	60
Vinyl Acetate	ND	ND	ppbv			30	60
cis-1,2-Dichloroethene	ND	ND	ppbv			30	60
2-Butanone	ND	ND	ppbv			30	60
Chloroform	ND	ND	ppbv			30	60
1,1,1-Trichloroethane	ND	ND	ppbv			30	60
Carbon Tetrachloride	ND	ND	ppbv			30	60
Benzene	ND	ND	ppbv			30	60
1,2-Dichloroethane	ND	ND	ppbv			30	60
Trichloroethene	ND	ND	ppbv			30	60
1,2-Dichloropropane	ND	ND	ppbv			30	60
Bromodichloromethane	ND	ND	ppbv			30	60
cis-1,3-Dichloropropene	ND	ND	ppbv			30	60
4-Methyl-2-Pentanone	ND	ND	ppbv			30	60
Toluene	ND	ND	ppbv			30	60
trans-1,3-Dichloropropene	ND	ND	ppbv			30	60
1,1,2-Trichloroethane	ND	ND	ppbv			30	60
Tetrachloroethene	ND	ND	ppbv			30	60
2-Hexanone	ND	ND	ppbv			30	60
Dibromochloromethane	ND	ND	ppbv			30	60
1,2-Dibromoethane	ND	ND	ppbv			30	60
Chlorobenzene	ND	ND	ppbv			30	60
Ethylbenzene	ND	ND	ppbv			30	60
m,p-Xylenes	ND	ND	ppbv			30	60

ENTHALPY ANALYTICAL

Batch QC

QC935309 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
o-Xylene	ND	ND	ppbv			30	60
Styrene	ND	ND	ppbv			30	60
Bromoform	ND	ND	ppbv			30	60
1,1,2,2-Tetrachloroethane	ND	ND	ppbv			30	60
1,1,1,2-Tetrachloroethane	ND	ND	ppbv			30	60
4-Ethyltoluene	ND	ND	ppbv			30	60
1,3,5-Trimethylbenzene	ND	ND	ppbv			30	60
1,2,4-Trimethylbenzene	12.46	ND	ppbv			30	60
1,3-Dichlorobenzene	ND	ND	ppbv			30	60
1,4-Dichlorobenzene	ND	ND	ppbv			30	60
Benzyl chloride	ND	ND	ppbv			30	60
1,2-Dichlorobenzene	ND	ND	ppbv			30	60
1,2,4-Trichlorobenzene	ND	ND	ppbv			30	60
Hexachlorobutadiene	ND	ND	ppbv			30	60
Surrogates							
Bromofluorobenzene	87%		%REC				60

J Estimated value
ND Not Detected